
Tennessee Technological University

NSSE 2017 Major Field Report, Part II

Comparisons to Other Institutions

Ag and Human Ecology

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 'Ag and Human Ecology' includes the following majors: Agriculture; Family and consumer studies; Nutrition and dietetics; Other agriculture and natural resources; Veterinary science.

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: Ag and Human Ecology.

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.

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 Ag and Human Ecology

Seniors in Ag and Human Ecology

Theme	Engagement Indicator	First-Year Students in Ag and Human Ecology			Seniors in Ag and Human Ecology		
		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				▽	--	▽

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Engagement Indicators: Ag and Human Ecology Tennessee Technological University

Seniors^a in Ag and Human Ecology

	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 = 35)	36.9	15.5	2.62	10	20	35	50	60				
Carnegie Class	40.0	14.9	.67	15	30	40	53	60	533	-3.1		-.208
THEC Peer Group	37.6	17.0	2.34	10	25	35	55	60	86	-.8		-.048
NSSE 2016 & 2017	39.3	13.4	.17	20	30	40	50	60	6,421	-2.4		-.178
Reflective & Integrative Learning												
Tennessee Tech (N = 35)	34.0	12.5	2.11	17	26	31	40	60				
Carnegie Class	39.1	12.6	.56	20	31	40	49	60	538	-5.1	*	-.406
THEC Peer Group	40.0	13.3	1.83	20	31	40	51	60	86	-6.1	*	-.466
NSSE 2016 & 2017	38.8	12.1	.15	20	31	40	49	60	6,515	-4.8	*	-.400
Learning Strategies												
Tennessee Tech (N = 35)	33.9	13.9	2.36	13	20	33	47	60				
Carnegie Class	39.8	13.9	.62	20	33	40	53	60	535	-5.9	*	-.425
THEC Peer Group	40.9	14.4	2.02	13	33	40	53	60	84	-7.0	*	-.493
NSSE 2016 & 2017	38.4	14.1	.18	13	27	40	47	60	6,467	-4.5		-.320
Quantitative Reasoning												
Tennessee Tech (N = 34)	30.6	13.6	2.34	7	20	33	40	60				
Carnegie Class	29.4	15.0	.67	0	20	27	40	60	533	1.2		.077
THEC Peer Group	29.9	15.6	2.14	7	20	27	40	60	85	.7		.044
NSSE 2016 & 2017	29.8	15.2	.19	7	20	27	40	60	6,457	.7		.049
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 35)	37.6	12.6	2.13	20	30	35	45	60				
Carnegie Class	34.3	14.2	.64	10	25	35	45	60	534	3.2		.229
THEC Peer Group	34.5	14.4	1.99	10	25	35	43	60	85	3.1		.223
NSSE 2016 & 2017	33.9	13.9	.17	10	25	35	45	60	6,462	3.6		.261
Discussions with Diverse Others												
Tennessee Tech (N = 35)	32.6	13.1	2.22	5	25	35	40	50				
Carnegie Class	40.9	15.4	.69	15	30	40	55	60	534	-8.3	**	-.543
THEC Peer Group	39.1	15.8	2.17	15	25	40	55	60	86	-6.5	*	-.438
NSSE 2016 & 2017	38.9	15.3	.19	15	25	40	50	60	6,479	-6.3	*	-.413
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 34)	35.7	15.7	2.69	10	25	35	45	60				
Carnegie Class	26.1	16.2	.73	5	15	25	40	60	528	9.6	***	.594
THEC Peer Group	31.2	17.8	2.46	5	20	30	43	60	84	4.6		.270

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

Engagement Indicators: Ag and Human Ecology Tennessee Technological University

Seniors^a in Ag and Human Ecology

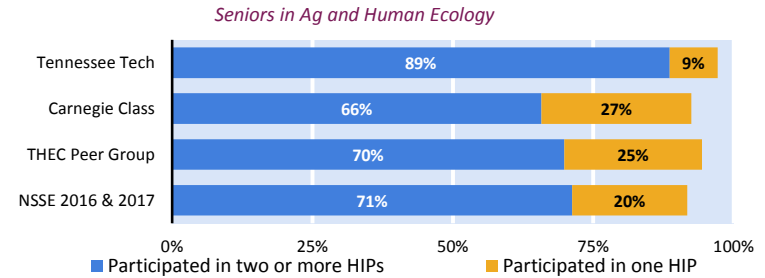
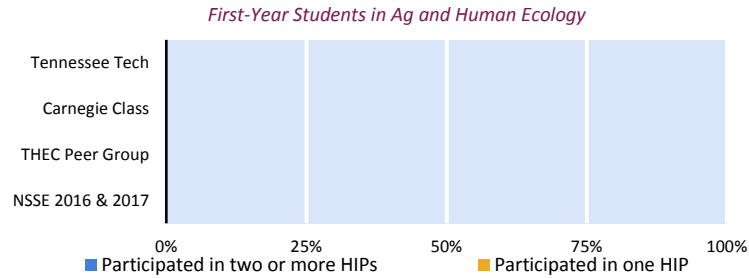
	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
NSSE 2016 & 2017	25.9	15.8	.20	0	15	25	35	60	6,449	9.8	***	.623
Effective Teaching Practices												
Tennessee Tech (N = 35)	37.7	16.1	2.73	8	28	40	52	60				
Carnegie Class	40.7	13.9	.62	16	32	40	52	60	539	-3.0		-.213
THEC Peer Group	42.3	13.1	1.80	20	36	44	52	60	86	-4.5		-.316
NSSE 2016 & 2017	39.9	12.9	.16	20	32	40	48	60	34	-2.2		-.170
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 33)	41.8	12.0	2.09	20	36	44	50	60				
Carnegie Class	42.1	12.1	.55	20	34	44	52	60	519	-.2		-.017
THEC Peer Group	42.5	10.9	1.50	22	36	44	50	56	84	-.7		-.060
NSSE 2016 & 2017	42.8	11.2	.14	22	36	44	50	60	6,265	-.9		-.085
Supportive Environment												
Tennessee Tech (N = 35)	28.2	13.3	2.26	10	18	25	40	50				
Carnegie Class	33.6	14.2	.63	10	23	33	43	58	536	-5.3	*	-.379
THEC Peer Group	33.9	16.4	2.25	11	20	35	43	60	86	-5.7		-.375
NSSE 2016 & 2017	33.6	13.5	.17	13	25	33	43	58	6,504	-5.4	*	-.403

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

High-Impact Practices: Ag and Human Ecology 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 Ag and Human Ecology</i>								
12. Service-Learning								
11c. Learning Community								
11e. Research with Faculty								
Participated in at least one								
Participated in two or more								
<i>Seniors in Ag and Human Ecology</i>								
12. Service-Learning	86	+3	.09	+10	.26	+13	.32	
11c. Learning Community	26	-3	-.07	-3	-.06	-2	-.04	
11e. Research with Faculty	50	+28	*** .60	+10	.19	+20	* .41	
11a. Internship or Field Exp.	50	+0	.01	+3	.06	-8	-.17	
11d. Study Abroad	9	-4	-.13	+5	.20	-10	-.29	
11f. Culminating Senior Exp.	89	+49	*** 1.09	+32	** .75	+42	*** .95	
Participated in at least one	97	+5	.22	+3	.14	+5	.24	
Participated in two or more	89	+23	** .56	+19	* .47	+17	* .44	

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

Item wording or description				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
1. During the current school year, about how often have you done the following?																			
a.	Asked questions or contributed to course discussions in other ways	askquest	1 Never 2 Sometimes 3 Often 4 Very often Total	1 6 6 38 5 31 4 25 16 100	8 3 95 37 92 36 63 24 258 100	2 6 13 41 9 28 8 25 32 100	6 3 41 38 28 37 25 22 100 3	138 1,776 1,733 1,047 4,694	3 38 37 22 100										
b.	Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 Never 2 Sometimes 3 Often 4 Very often Total	2 13 7 44 3 19 4 25 16 100	30 12 79 31 82 32 67 26 258 100	8 25 10 31 8 25 6 19 32 100	25 17 31 36 25 31 19 17 100 17	779 1,678 1,432 785 4,674	17 36 31 17 100										
c.	Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 Very often 2 Often 3 Sometimes 4 Never Total	1 6 1 6 11 69 3 19 16 100	10 4 23 9 137 53 88 34 258 100	0 0 2 6 20 63 10 31 32 100	0 4 6 11 58 58 28 28 100 100	165 498 2,725 1,294 4,682	4 11 58 28 100										
d.	Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 Never 2 Sometimes 3 Often 4 Very often Total	1 6 8 50 5 31 2 13 16 100	106 41 113 44 24 9 14 5 257 100	13 41 15 47 3 9 1 3 32 100	41 39 41 41 14 14 6 6 100 39	1,825 1,925 673 262 4,685	39 41 14 6 100										
e.	Asked another student to help you understand course material	CLaskhelp	1 Never 2 Sometimes 3 Often 4 Very often Total	1 6 5 31 6 38 4 25 16 100	16 6 100 39 89 35 52 20 257 100	1 3 13 41 11 34 7 22 32 100	3 6 35 35 39 39 20 20 100 6	276 1,640 1,843 933 4,692	6 35 39 20 100										
f.	Explained course material to one or more students	CLexplain	1 Never 2 Sometimes 3 Often 4 Very often Total	1 6 8 50 6 38 1 6 16 100	12 5 86 33 115 45 45 17 258 100	1 3 12 38 14 44 5 16 32 100	3 4 38 36 44 43 17 17 100 4	183 1,701 2,010 792 4,686	4 36 43 17 100										
g.	Prepared for exams by discussing or working through course material with other	CLstudy	1 Never 2 Sometimes 3 Often	2 13 5 31 5 31	30 12 92 36 87 34	3 9 11 34 10 31	9 11 35 35 31 34	526 1,663 1,585	11 35 34										

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First-Year Students^a in Ag and Human Ecology

				Frequency Distributions								Statistical Comparisons ^k							
												<i>Your first-year students compared with</i>							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
<i>Item wording or description</i>	<i>Variable name^l</i>	<i>Values^m</i>	<i>Response options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	
students		4	Very often	4	25	48	19	8	25	916	20								
			Total	16	100	257	100	32	100	4,690	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	14	5	1	3	305	7								
		2	Sometimes	5	31	106	41	12	38	1,812	39								
		3	Often	7	44	92	36	12	38	1,789	38								
		4	Very often	4	25	45	18	7	22	780	17								
			Total	16	100	257	100	32	100	4,686	100								
i. Given a course presentation	present	1	Never	5	31	54	21	10	31	932	20								
		2	Sometimes	10	63	111	43	14	44	2,155	46								
		3	Often	0	0	59	23	3	9	1,203	26								
		4	Very often	1	6	33	13	5	16	398	8								
			Total	16	100	257	100	32	100	4,688	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	2	13	20	8	3	9	313	7								
		2	Sometimes	7	44	104	40	14	44	1,881	40								
		3	Often	5	31	86	33	13	41	1,772	38								
		4	Very often	2	13	48	19	2	6	718	15								
			Total	16	100	258	100	32	100	4,684	100								
b. Connected your learning to societal problems or issues	RI societal	1	Never	1	6	17	7	2	6	371	8								
		2	Sometimes	7	44	108	42	15	48	1,849	39								
		3	Often	7	44	80	31	11	35	1,690	36								
		4	Very often	1	6	51	20	3	10	774	17								
			Total	16	100	256	100	31	100	4,684	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RI diverse	1	Never	4	25	23	9	6	19	459	10								
		2	Sometimes	4	25	101	39	12	39	1,919	41								
		3	Often	6	38	82	32	7	23	1,569	33								
		4	Very often	2	13	51	20	6	19	743	16								
			Total	16	100	257	100	31	100	4,690	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RI ownview	1	Never	1	6	7	3	1	3	210	4								
		2	Sometimes	5	31	88	34	13	41	1,618	35								
		3	Often	6	38	114	44	10	31	2,091	45								
		4	Very often	4	25	49	19	8	25	768	16								
			Total	16	100	258	100	32	100	4,687	100								
e. Tried to better	RI perspect	1	Never	0	0	3	1	1	3	147	3								

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				Frequency Distributions						Statistical Comparisons ^k								
										<i>Your first-year students compared with</i>								
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017			
<i>Item wording or description</i>	<i>Variable name^l</i>	<i>Values^m</i>	<i>Response options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>
understand someone else's views by imagining how an issue looks from their perspective		2	Sometimes	7	44	68	26	9	28	1,370	29							
		3	Often	8	50	123	48	11	34	2,140	46							
		4	Very often	1	6	64	25	11	34	1,031	22							
			Total	16	100	258	100	32	100	4,688	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	7	3	1	3	131	3							
		2	Sometimes	7	44	95	37	13	41	1,392	30							
		3	Often	7	44	96	37	11	34	2,157	46							
		4	Very often	2	13	60	23	7	22	1,006	21							
			Total	16	100	258	100	32	100	4,686	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	13	3	1	1	3	44	1							
		2	Sometimes	1	7	62	24	9	28	914	20							
		3	Often	10	67	113	44	13	41	2,414	52							
		4	Very often	2	13	78	30	9	28	1,306	28							
			Total	15	100	256	100	32	100	4,678	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	0	0	37	14	4	13	748	16							
		2	Sometimes	9	56	120	47	16	50	2,132	45							
		3	Often	3	19	68	26	7	22	1,204	26							
		4	Very often	4	25	33	13	5	16	602	13							
			Total	16	100	258	100	32	100	4,686	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	6	38	121	47	17	53	2,099	45							
		2	Sometimes	7	44	86	33	7	22	1,609	34							
		3	Often	3	19	29	11	4	13	644	14							
		4	Very often	0	0	21	8	4	13	321	7							
			Total	16	100	257	100	32	100	4,673	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	5	31	80	31	13	41	1,456	31							
		2	Sometimes	8	50	113	44	12	38	2,092	45							
		3	Often	2	13	44	17	3	9	818	17							
		4	Very often	1	6	19	7	4	13	310	7							
			Total	16	100	256	100	32	100	4,676	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	2	13	49	19	6	19	1,090	23							
		2	Sometimes	7	44	136	53	15	47	2,308	49							
		3	Often	7	44	49	19	7	22	916	20							
		4	Very often	0	0	21	8	4	13	355	8							

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				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		
				%	%	%	%	%	%											
				16	100	255	100	32	100	4,669	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	5	2	0	0	144	3									
			2	Some	3	19	70	27	9	28	1,113	24								
			3	Quite a bit	6	38	108	42	14	44	2,193	47								
			4	Very much	7	44	74	29	9	28	1,231	26								
			Total	16	100	257	100	32	100	4,681	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	13	8	3	2	6	132	3									
			2	Some	5	31	81	32	10	31	1,158	25								
			3	Quite a bit	5	31	105	41	10	31	2,249	48								
			4	Very much	4	25	62	24	10	31	1,136	24								
			Total	16	100	256	100	32	100	4,675	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	13	13	5	3	9	178	4									
			2	Some	6	40	80	31	12	38	1,286	28								
			3	Quite a bit	2	13	96	38	12	38	2,135	46								
			4	Very much	5	33	66	26	5	16	1,077	23								
			Total	15	100	255	100	32	100	4,676	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	13	10	4	1	3	192	4									
			2	Some	6	38	69	27	12	38	1,358	29								
			3	Quite a bit	3	19	106	41	12	38	2,110	45								
			4	Very much	5	31	71	28	7	22	1,021	22								
			Total	16	100	256	100	32	100	4,681	100									
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	13	16	6	3	9	211	5									
			2	Some	4	25	70	27	14	44	1,371	29								
			3	Quite a bit	6	38	114	45	9	28	2,102	45								
			4	Very much	4	25	56	22	6	19	986	21								
			Total	16	100	256	100	32	100	4,670	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	0	0	4	2	1	3	80	2									
			2	Some	4	25	51	20	8	26	860	18								
			3	Quite a bit	7	44	119	46	10	32	2,282	49								
			4	Very much	5	31	82	32	12	39	1,467	31								
			Total	16	100	256	100	31	100	4,689	100									
b. Taught course sessions	ETorganize	1	Very little	0	0	10	4	2	6	122	3									

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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					
				Count				Count				Count				Count				Mean				Mean				Mean				Mean					
				%				%				%				%				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ					
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		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017			
		2	Some	2	13	46	18	7	22	886	19																										
		3	Quite a bit	9	56	123	48	13	41	2,307	49																										
		4	Very much	5	31	78	30	10	31	1,369	29																										
			Total	16	100	257	100	32	100	4,684	100																										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	8	3	2	6	127	3																										
		2	Some	5	31	56	22	5	16	908	19																										
		3	Quite a bit	6	38	100	39	12	38	2,106	45																										
		4	Very much	5	31	93	36	13	41	1,537	33																										
			Total	16	100	257	100	32	100	4,678	100																										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	19	22	9	4	13	402	9																										
		2	Some	5	31	62	24	8	25	1,448	31																										
		3	Quite a bit	4	25	112	44	12	38	1,818	39																										
		4	Very much	4	25	60	23	8	25	1,016	22																										
			Total	16	100	256	100	32	100	4,684	100																										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	13	20	8	4	13	437	9																										
		2	Some	7	44	94	37	14	44	1,575	34																										
		3	Quite a bit	4	25	87	34	6	19	1,805	39																										
		4	Very much	3	19	55	21	8	25	854	18																										
			Total	16	100	256	100	32	100	4,671	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	1	6	35	14	5	16	501	11																										
		2	Sometimes	7	44	103	40	19	59	1,829	39																										
		3	Often	5	31	82	32	7	22	1,731	37																										
		4	Very often	3	19	37	14	1	3	627	13																										
			Total	16	100	257	100	32	100	4,688	100																										
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	4	25	53	21	10	32	928	20																										
		2	Sometimes	7	44	105	41	12	39	1,996	43																										
		3	Often	5	31	68	27	8	26	1,303	28																										
		4	Very often	0	0	29	11	1	3	452	10																										
			Total	16	100	255	100	31	100	4,679	100																										
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	4	25	53	21	10	31	855	18																										
		2	Sometimes	6	38	109	43	14	44	2,098	45																										
		3	Often	6	38	69	27	6	19	1,349	29																										
		4	Very often	0	0	25	10	2	6	378	8																										

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				Frequency Distributions						Statistical Comparisons ^k									
										<i>Your first-year students compared with</i>									
Item wording or description	Variable name ^l	Values ^m	Response options Total	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	
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.)				16	100	256	100	32	100	4,680	100								
a. Up to 5 pages	wrshortnum	0 None		2	13	21	8	6	19	268	6								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5 1-2		3	19	51	20	8	25	1,009	22								
		4 3-5		6	38	83	32	9	28	1,522	33								
		8 6-10		2	13	59	23	3	9	991	21								
		13 11-15		3	19	22	9	1	3	445	10								
		18 16-20		0	0	11	4	3	9	214	5								
		23 More than 20		0	0	9	4	2	6	217	5								
		Total		16	100	256	100	32	100	4,666	100								
b. Between 6 and 10 pages	wrmednum	0 None		11	69	105	42	18	56	1,732	38								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5 1-2		4	25	85	34	11	34	1,788	39								
		4 3-5		1	6	41	16	1	3	772	17								
		8 6-10		0	0	16	6	1	3	233	5								
		13 11-15		0	0	2	1	0	0	52	1								
		18 16-20		0	0	1	0	1	3	20	0								
		23 More than 20		0	0	1	0	0	0	15	0								
		Total		16	100	251	100	32	100	4,612	100								
c. 11 pages or more	wrlongnum	0 None		15	94	205	81	30	94	3,645	79								
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5 1-2		1	6	32	13	0	0	701	15								
		4 3-5		0	0	7	3	0	0	135	3								
		8 6-10		0	0	4	2	1	3	56	1								
		13 11-15		0	0	3	1	1	3	20	0								
		18 16-20		0	0	1	0	0	0	12	0								
		23 More than 20		0	0	1	0	0	0	16	0								
		Total		16	100	253	100	32	100	4,585	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.)																	

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	0	0	4	2	0	0	238	5									
		2 Sometimes	5	31	64	25	9	27	1,314	28									
		3 Often	2	13	91	35	12	36	1,514	32									
		4 Very often	9	56	99	38	12	36	1,621	35									

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Tennessee Technological University

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				Tennessee Tech				Carnegie Class				THEC Peer Group				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		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ						
9. During the current school year, about how often have you done the following?																								
b. People from an economic background other than your own	DDeconomic	1	Never	0	0	6	2	0	0	203	4													
		2	Sometimes	3	19	55	21	9	27	1,124	24													
		3	Often	4	25	103	40	12	36	1,743	37													
		4	Very often	9	56	95	37	12	36	1,611	34													
			Total	16	100	259	100	33	100	4,681	100													
c. People with religious beliefs other than your own	DDreligion	1	Never	2	13	15	6	1	3	365	8													
		2	Sometimes	3	19	72	28	14	42	1,259	27													
		3	Often	4	25	84	32	7	21	1,523	33													
		4	Very often	7	44	88	34	11	33	1,535	33													
			Total	16	100	259	100	33	100	4,682	100													
d. People with political views other than your own	DDpolitical	1	Never	2	13	16	6	3	9	267	6													
		2	Sometimes	4	25	70	27	7	21	1,303	28													
		3	Often	4	25	88	34	12	36	1,558	33													
		4	Very often	6	38	85	33	11	33	1,554	33													
			Total	16	100	259	100	33	100	4,682	100													
a. Identified key information from reading assignments	LSreading	1	Never	0	0	3	1	0	0	65	1													
		2	Sometimes	4	25	54	21	10	30	1,014	22													
		3	Often	8	50	131	51	18	55	2,252	48													
		4	Very often	4	25	70	27	5	15	1,354	29													
			Total	16	100	258	100	33	100	4,685	100													
b. Reviewed your notes after class	LSnotes	1	Never	0	0	12	5	0	0	194	4													
		2	Sometimes	3	19	66	25	7	21	1,348	29													
		3	Often	8	50	99	38	13	39	1,688	36													
		4	Very often	5	31	82	32	13	39	1,447	31													
			Total	16	100	259	100	33	100	4,677	100													
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	6	8	3	1	3	268	6													
		2	Sometimes	5	31	78	30	13	39	1,483	32													
		3	Often	4	25	103	40	10	30	1,784	38													
		4	Very often	6	38	69	27	9	27	1,135	24													
			Total	16	100	258	100	33	100	4,670	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	1	0	0	0	20	0													

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			Frequency Distributions								Statistical Comparisons ^k						
											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
		2		0	0	2	1	0	0	48	1						
		3		0	0	16	6	3	9	153	3						
		4		0	0	32	12	5	15	501	11						
		5		9	56	89	34	6	18	1,626	35						
		6		4	25	64	25	12	36	1,308	28						
		7	Very much	3	19	55	21	7	21	1,025	22						
			Total	16	100	259	100	33	100	4,681	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	Have not decided	2	13	24	9	4	12	369	8						
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	0	0	6	2	2	6	148	3						
			Plan to do	14	88	210	81	25	76	3,749	80						
			Done or in progress	0	0	19	7	2	6	423	9						
			Total	16	100	259	100	33	100	4,689	100						
b.	Hold a formal leadership role in a student organization or group	leader	Have not decided	4	25	71	27	10	30	1,209	26						
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	4	25	62	24	9	27	965	21						
			Plan to do	6	38	97	37	10	30	1,944	41						
			Done or in progress	2	13	29	11	4	12	567	12						
			Total	16	100	259	100	33	100	4,685	100						
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided	7	44	82	32	12	36	1,526	33						
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	3	19	51	20	8	24	1,244	27						
			Plan to do	6	38	89	34	12	36	1,161	25						
			Done or in progress	0	0	37	14	1	3	739	16						
			Total	16	100	259	100	33	100	4,670	100						
d.	Participate in a study abroad program	abroad	Have not decided	3	19	69	27	9	27	1,267	27						
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	8	50	69	27	14	42	1,096	23						
			Plan to do	5	31	117	45	10	30	2,195	47						
			Done or in progress	0	0	3	1	0	0	127	3						
			Total	16	100	258	100	33	100	4,685	100						
e.	Work with a faculty member on a research project	research	Have not decided	6	38	81	31	11	33	1,712	37						
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	4	25	60	23	11	33	888	19						
			Plan to do	6	38	106	41	11	33	1,815	39						
			Done or in progress	0	0	11	4	0	0	264	6						
			Total	16	100	258	100	33	100	4,679	100						

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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	%	Mean	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	7	44	95	37	12	38	2,121	45								
		2	Some	9	56	142	56	19	59	2,177	47								
		3	Most	0	0	16	6	1	3	337	7								
		4	All	0	0	2	1	0	0	45	1								
			Total	16	100	255	100	32	100	4,680	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	6	2	1	3	51	1								
		2		1	6	4	2	0	0	88	2								
		3		2	13	19	7	0	0	246	5								
		4		2	13	29	11	1	3	578	12								
		5		3	19	79	31	16	48	1,250	27								
		6		5	31	53	20	8	24	1,260	27								
		7	Excellent	3	19	67	26	7	21	1,193	25								
		—	Not applicable	0	0	2	1	0	0	24	1								
			Total	16	100	259	100	33	100	4,690	100								
b. Academic advisors	QIadvisor	1	Poor	0	0	9	4	1	3	141	3								
		2		0	0	13	5	1	3	199	4								
		3		0	0	21	8	0	0	347	7								
		4		4	25	38	15	2	6	643	14								
		5		3	19	45	18	5	16	937	20								
		6		4	25	47	18	11	34	1,027	22								
		7	Excellent	5	31	79	31	11	34	1,309	28								
		—	Not applicable	0	0	5	2	1	3	82	2								
			Total	16	100	257	100	32	100	4,685	100								
c. Faculty	QIfaculty	1	Poor	0	0	5	2	1	3	75	2								
		2		1	6	10	4	1	3	147	3								
		3		0	0	20	8	3	9	284	6								
		4		5	31	38	15	3	9	666	14								
		5		5	31	68	26	7	21	1,185	25								

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				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	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
		6		4	25	64	25	12	36	1,329	28													
		7	Excellent	1	6	48	19	6	18	953	20													
		—	Not applicable	0	0	4	2	0	0	33	1													
			Total	16	100	257	100	33	100	4,672	100													
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	6	15	6	2	6	142	3													
		2		1	6	9	3	0	0	194	4													
		3		2	13	21	8	2	6	344	7													
		4		2	13	34	13	6	18	698	15													
		5		2	13	55	21	7	21	1,025	22													
		6		3	19	51	20	8	24	1,048	22													
		7	Excellent	4	25	48	19	7	21	877	19													
		—	Not applicable	1	6	26	10	1	3	361	8													
			Total	16	100	259	100	33	100	4,689	100													
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	14	5	1	3	158	3													
		2		0	0	16	6	2	6	256	5													
		3		3	19	31	12	2	6	414	9													
		4		2	13	37	14	3	9	706	15													
		5		7	44	59	23	12	36	1,016	22													
		6		2	13	47	18	7	21	1,006	21													
		7	Excellent	2	13	43	17	6	18	811	17													
		—	Not applicable	0	0	11	4	0	0	314	7													
			Total	16	100	258	100	33	100	4,681	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	1	6	2	1	1	3	41	1													
		2	Some	1	6	47	18	6	18	767	16													
		3	Quite a bit	8	50	125	49	17	52	2,260	48													
		4	Very much	6	38	83	32	9	27	1,611	34													
			Total	16	100	257	100	33	100	4,679	100													
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	5	2	1	3	126	3													
		2	Some	3	19	52	20	6	18	864	19													
		3	Quite a bit	8	50	100	39	12	36	1,999	43													
		4	Very much	5	31	99	39	14	42	1,674	36													
			Total	16	100	256	100	33	100	4,663	100													
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	13	11	4	1	3	216	5													
		2	Some	3	19	47	18	6	18	779	17													
		3	Quite a bit	8	50	83	32	9	27	1,754	38													

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				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your first-year students compared with				
Item wording or description (e.g., etc.)	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			
		4	Very much	3	19	116	45	17	52	1,921	41													
			Total	16	100	257	100	33	100	4,670	100													
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	3	19	18	7	4	13	468	10													
		2	Some	3	19	75	29	11	34	1,380	30													
		3	Quite a bit	8	50	97	38	8	25	1,625	35													
		4	Very much	2	13	67	26	9	28	1,200	26													
			Total	16	100	257	100	32	100	4,673	100													
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	6	12	5	2	6	221	5													
		2	Some	2	13	60	23	6	18	982	21													
		3	Quite a bit	10	63	103	40	13	39	1,939	41													
		4	Very much	3	19	83	32	12	36	1,539	33													
			Total	16	100	258	100	33	100	4,681	100													
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	14	5	0	0	258	6													
		2	Some	3	19	64	25	6	18	1,011	22													
		3	Quite a bit	12	75	87	34	14	42	1,849	40													
		4	Very much	1	6	92	36	13	39	1,549	33													
			Total	16	100	257	100	33	100	4,667	100													
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	1	6	47	18	8	24	894	19													
		2	Some	13	81	88	34	11	33	1,744	37													
		3	Quite a bit	2	13	79	31	6	18	1,379	30													
		4	Very much	0	0	44	17	8	24	656	14													
			Total	16	100	258	100	33	100	4,673	100													
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	0	0	19	7	1	3	338	7													
		2	Some	7	44	65	25	7	21	1,163	25													
		3	Quite a bit	7	44	99	38	11	33	1,878	40													
		4	Very much	2	13	75	29	14	42	1,285	28													
			Total	16	100	258	100	33	100	4,664	100													
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	0	0	39	15	6	18	586	13													
		2	Some	9	56	77	30	11	33	1,562	33													
		3	Quite a bit	5	31	89	35	8	24	1,627	35													
		4	Very much	2	13	50	20	8	24	890	19													
			Total	16	100	255	100	33	100	4,665	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	0	0	0	0	5	0													
	(Recoded version)	3	1-5 hrs	2	13	35	14	4	12	476	10													

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				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				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						
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	3	19	58	23	7	21	1,048	22													
		13	11-15 hrs	2	13	58	23	9	27	1,063	23													
		18	16-20 hrs	5	31	60	23	8	24	993	21													
		23	21-25 hrs	3	19	19	7	3	9	543	12													
		28	26-30 hrs	0	0	16	6	1	3	296	6													
		33	More than 30 hrs	1	6	11	4	1	3	259	6													
			Total			16	100	257	100	33	100	4,683	100											
Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	4	25	85	33	12	36	1,155	25													
		3	1-5 hrs	6	38	84	33	8	24	1,782	38													
		8	6-10 hrs	3	19	37	14	6	18	863	18													
		13	11-15 hrs	1	6	19	7	3	9	424	9													
		18	16-20 hrs	0	0	11	4	1	3	244	5													
		23	21-25 hrs	1	6	9	4	2	6	111	2													
		28	26-30 hrs	0	0	3	1	0	0	41	1													
	Total			16	100	256	100	33	100	4,666	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	12	75	206	80	25	76	3,614	77													
		3	1-5 hrs	2	13	5	2	1	3	189	4													
		8	6-10 hrs	1	6	17	7	0	0	403	9													
		13	11-15 hrs	1	6	7	3	0	0	261	6													
		18	16-20 hrs	0	0	14	5	5	15	140	3													
		23	21-25 hrs	0	0	3	1	1	3	33	1													
		28	26-30 hrs	0	0	2	1	0	0	14	0													
	Total			16	100	257	100	33	100	4,677	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	8	50	167	65	21	64	3,294	70													
		3	1-5 hrs	0	0	13	5	2	6	245	5													
		8	6-10 hrs	1	6	10	4	0	0	251	5													
		13	11-15 hrs	3	19	12	5	0	0	241	5													
		18	16-20 hrs	1	6	16	6	2	6	224	5													
		23	21-25 hrs	1	6	16	6	3	9	169	4													
		28	26-30 hrs	1	6	7	3	2	6	113	2													
	Total			16	100	256	100	33	100	4,677	100													
Estimated number of hours working for pay	tmworkhrs (Continuous variable created																							

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				Frequency Distributions								Statistical Comparisons ^k						
								NSSE 2016 & 2017				Your first-year students compared with						
Item wording or description	Variable name ^l by NSSE)	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
e. Doing community service or volunteer work	tmservicehrs <i>(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	7	44	115	45	14	44	2,394	51							
		3	1-5 hrs	9	56	90	35	11	34	1,715	37							
		8	6-10 hrs	0	0	28	11	3	9	354	8							
		13	11-15 hrs	0	0	9	4	3	9	99	2							
		18	16-20 hrs	0	0	4	2	0	0	59	1							
		23	21-25 hrs	0	0	5	2	1	3	26	1							
		28	26-30 hrs	0	0	3	1	0	0	6	0							
		33	More than 30 hrs	0	0	2	1	0	0	19	0							
			Total			16	100	256	100	32	100	4,672	100					
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	6	4	2	1	3	60	1							
		3	1-5 hrs	5	31	65	25	6	18	1,024	22							
		8	6-10 hrs	4	25	75	29	8	24	1,388	30							
		13	11-15 hrs	1	6	46	18	6	18	981	21							
		18	16-20 hrs	2	13	25	10	6	18	617	13							
		23	21-25 hrs	2	13	20	8	3	9	270	6							
		28	26-30 hrs	1	6	7	3	2	6	124	3							
		33	More than 30 hrs	0	0	16	6	1	3	210	4							
	Total			16	100	258	100	33	100	4,674	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	10	63	185	73	25	78	3,829	82							
		3	1-5 hrs	4	25	27	11	3	9	398	9							
		8	6-10 hrs	1	6	16	6	2	6	165	4							
		13	11-15 hrs	0	0	12	5	1	3	85	2							
		18	16-20 hrs	0	0	5	2	0	0	60	1							
		23	21-25 hrs	0	0	5	2	1	3	28	1							
		28	26-30 hrs	0	0	1	0	0	0	11	0							
		33	More than 30 hrs	1	6	4	2	0	0	92	2							
	Total			16	100	255	100	32	100	4,668	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	5	31	93	36	13	39	2,041	44							
		3	1-5 hrs	8	50	85	33	7	21	1,786	38							
		8	6-10 hrs	0	0	45	18	6	18	525	11							
		13	11-15 hrs	1	6	11	4	1	3	150	3							
		18	16-20 hrs	2	13	8	3	2	6	89	2							
		23	21-25 hrs	0	0	6	2	1	3	31	1							
	28	26-30 hrs	0	0	1	0	0	0	11	0								

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				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	8	3	3	9	52	1									
			Total	16	100	257	100	33	100	4,685	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	31	34	13	8	24	590	13									
		2	Some	4	25	85	33	13	39	1,613	34									
		3	About half	4	25	72	28	5	15	1,358	29									
		4	Most	3	19	54	21	5	15	843	18									
		5	Almost all	0	0	13	5	2	6	278	6									
			Total	16	100	258	100	33	100	4,682	100									
	tmreadinghrs	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		
	tmreadinghrscol	1	0 hrs	0	0	0	0	0	0	5	0									
		2	More than zero, up to 5 hrs	9	56	136	53	21	64	2,292	49									
		3	More than 5, up to 10 hrs	5	31	74	29	9	27	1,419	30									
		4	More than 10, up to 15 hrs	2	13	26	10	2	6	511	11									
		5	More than 15, up to 20 hrs	0	0	9	4	0	0	228	5									
		6	More than 20, up to 25 hrs	0	0	8	3	1	3	154	3									
		7	More than 25 hrs	0	0	4	2	0	0	60	1									
			Total	16	100	257	100	33	100	4,669	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	2	13	19	7	2	6	374	8								
			2	Some	8	50	76	29	13	39	1,428	31								
			3	Quite a bit	4	25	104	40	12	36	1,946	42								
			4	Very much	2	13	59	23	6	18	932	20								
			Total		16	100	258	100	33	100	4,680	100								
b.	Speaking clearly and effectively	pgspeak	1	Very little	3	19	19	7	2	6	538	12								
			2	Some	5	31	100	39	16	48	1,605	34								

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				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	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
				Count	%	Count	%	Count	%	Count	%									
		3	Quite a bit	7	44	86	33	9	27	1,723	37									
		4	Very much	1	6	53	21	6	18	809	17									
			Total	16	100	258	100	33	100	4,675	100									
c. Thinking critically and analytically	pgthink	1	Very little	1	6	10	4	0	0	122	3									
		2	Some	5	31	52	20	9	27	941	20									
		3	Quite a bit	8	50	115	45	16	48	2,240	48									
		4	Very much	2	13	81	31	8	24	1,379	29									
			Total	16	100	258	100	33	100	4,682	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	13	40	16	6	18	529	11									
		2	Some	5	31	81	32	13	39	1,575	34									
		3	Quite a bit	7	44	83	32	10	30	1,745	37									
		4	Very much	2	13	53	21	4	12	836	18									
			Total	16	100	257	100	33	100	4,685	100									
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	6	41	16	6	18	562	12									
		2	Some	6	38	84	33	11	33	1,480	32									
		3	Quite a bit	6	38	84	33	10	30	1,683	36									
		4	Very much	3	19	49	19	6	18	958	20									
			Total	16	100	258	100	33	100	4,683	100									
f. Working effectively with others	pgothers	1	Very little	0	0	8	3	2	6	243	5									
		2	Some	6	38	76	30	7	22	1,294	28									
		3	Quite a bit	7	44	111	44	18	56	2,027	43									
		4	Very much	3	19	58	23	5	16	1,111	24									
			Total	16	100	253	100	32	100	4,675	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	2	13	27	10	3	9	476	10									
		2	Some	5	31	73	28	7	21	1,418	30									
		3	Quite a bit	7	44	102	40	17	52	1,741	37									
		4	Very much	2	13	56	22	6	18	1,040	22									
			Total	16	100	258	100	33	100	4,675	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	6	22	9	3	9	439	9									
		2	Some	6	38	75	29	9	27	1,382	29									
		3	Quite a bit	6	38	84	33	13	39	1,728	37									
		4	Very much	3	19	77	30	8	24	1,137	24									
			Total	16	100	258	100	33	100	4,686	100									
i. Solving complex real-world problems	pgprobsolve	1	Very little	2	13	25	10	6	18	474	10									
		2	Some	7	44	85	33	9	27	1,635	35									

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

First-Year Students^a in Ag and Human Ecology

				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		
				%	%	%	%	%	%											
		3	Quite a bit	5	31	93	36	13	39	1,671	36									
		4	Very much	2	13	53	21	5	15	904	19									
			Total	16	100	256	100	33	100	4,684	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	1	6	28	11	3	9	492	11									
		2	Some	7	44	82	32	11	33	1,493	32									
		3	Quite a bit	6	38	89	35	13	39	1,690	36									
		4	Very much	2	13	58	23	6	18	999	21									
			Total	16	100	257	100	33	100	4,674	100									
18. How would you evaluate your entire educational experience at this institution?																				
	evalexp	1	Poor	0	0	6	2	2	6	63	1									
		2	Fair	2	13	37	14	1	3	470	10									
		3	Good	8	50	129	50	18	55	2,293	49									
		4	Excellent	6	38	87	34	12	36	1,860	40									
			Total	16	100	259	100	33	100	4,686	100									
19. If you could start over again, would you go to the same institution you are now attending?																				
	sameinst	1	Definitely no	0	0	9	3	1	3	141	3									
		2	Probably no	2	13	29	11	4	12	460	10									
		3	Probably yes	7	44	107	41	8	24	1,734	37									
		4	Definitely yes	7	44	114	44	20	61	2,357	50									
			Total	16	100	259	100	33	100	4,692	100									

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

Seniors^a in Ag and Human Ecology

				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	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean							
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 11 16 8	0 31 46 23	13 141 152 200	3 28 30 40	1 13 16 23	2 25 30 43	133 1,698 2,125 2,521	2 26 33 39	2.9	3.1	-.17	3.2	-.29	3.1	-.20								
Total				35	100	506	100	53	100	6,477	100															
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 11 10 9	14 31 29 26	86 193 121 103	17 38 24 20	11 21 8 12	21 40 15 23	1,323 2,417 1,654 1,070	20 27 26 17								2.7	2.5	.18	2.4	.24	2.4	.28	
Total				35	100	503	100	52	100	6,464	100															
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	1 3 17 14	3 9 49 40	23 75 280 124	5 15 56 25	3 10 23 16	6 19 44 31	361 936 3,655 1,523	6 14 56 24															3.3
Total				35	100	502	100	52	100	6,475	100															
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	19 12 2 2	54 34 6 6	232 213 42 17	46 42 8 3	22 24 6 1	42 45 11 2	2,874 2,545 751 302	44 39 12 5	1.6	1.7	-.08	1.7	-.14	1.8	-.16								
Total				35	100	504	100	53	100	6,472	100															
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	2 9 16 8	6 26 46 23	54 212 149 88	11 42 30 17	5 25 16 7	9 47 30 13	624 2,738 2,097 1,016	10 42 32 16								2.9	2.5 *	▲	.35	2.5 *	.46	2.5 *	
Total				35	100	503	100	53	100	6,475	100															
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	0 9 19 7	0 26 54 20	24 193 178 109	5 38 35 22	1 20 19 13	2 38 36 25	277 2,256 2,559 1,385	4 35 40 21															2.9
Total				35	100	504	100	53	100	6,477	100															
g. Prepared for exams by discussing or working through course material with other	CLstudy	1 2 3	Never Sometimes Often	4 13 10	11 37 29	70 180 141	14 36 28	5 19 15	9 36 28	929 2,305 2,022	14 36 31	2.6	2.6	.04	2.7	-.09	2.5	.08								
Total				35	100	504	100	53	100	6,477	100															

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

Seniors^a in Ag and Human Ecology

				Frequency Distributions								Statistical Comparisons ^k							
								NSSE 2016 & 2017				Your seniors compared with							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name ^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	8	23	114	23	14	26	1,231	19								
			Total	35	100	505	100	53	100	6,487	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	24	5	6	12	259	4	3.1	3.0	.11	2.8	.26	2.9	.20	
		2	Sometimes	8	23	117	23	12	23	1,798	28								
		3	Often	16	46	203	40	18	35	2,639	41								
		4	Very often	11	31	160	32	16	31	1,782	28								
			Total	35	100	504	100	52	100	6,478	100								
i. Given a course presentation	present	1	Never	2	6	38	8	3	6	530	8	2.9	2.9	.09	2.9	.04	2.8	.18	
		2	Sometimes	9	26	146	29	16	30	2,028	31								
		3	Often	13	37	169	33	17	32	2,262	35								
		4	Very often	11	31	152	30	17	32	1,669	26								
			Total	35	100	505	100	53	100	6,489	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	2	6	11	2	2	4	139	2	2.8	3.0	-.30	3.0	-.28	3.0	-.31	
		2	Sometimes	12	34	137	27	15	28	1,571	24								
		3	Often	13	37	189	37	16	30	2,786	43								
		4	Very often	8	23	168	33	20	38	1,978	31								
			Total	35	100	505	100	53	100	6,474	100								
b. Connected your learning to societal problems or issues	RI societal	1	Never	3	9	21	4	2	4	274	4	2.7	2.9	-.29	3.0	-.34	2.9	-.31	
		2	Sometimes	13	37	156	31	15	28	1,827	28								
		3	Often	12	34	173	34	19	36	2,476	38								
		4	Very often	7	20	155	31	17	32	1,899	29								
			Total	35	100	505	100	53	100	6,476	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RI diverse	1	Never	4	11	44	9	4	8	656	10	2.4	2.7	-.28	2.7	-.33	2.6	-.22	
		2	Sometimes	19	54	188	38	18	35	2,405	37								
		3	Often	5	14	150	30	18	35	2,082	32								
		4	Very often	7	20	119	24	12	23	1,330	21								
			Total	35	100	501	100	52	100	6,473	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RI ownview	1	Never	2	6	25	5	2	4	252	4	2.6	2.8	-.23	2.8	-.27	2.8	-.24	
		2	Sometimes	13	37	160	32	17	32	2,020	31								
		3	Often	16	46	201	40	21	40	2,821	44								
		4	Very often	4	11	119	24	13	25	1,373	21								
			Total	35	100	505	100	53	100	6,466	100								
e. Tried to better	RI perspect	1	Never	1	3	14	3	1	2	150	2								

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

Seniors^a in Ag and Human Ecology

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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									
				%	%	%	%	%	%	%	%																
understand someone else's views by imagining how an issue looks from their perspective		2	Sometimes	12	34	127	25	13	25	1,701	26	2.8	3.0	-.24	3.0	-.30	3.0	-.20									
		3	Often	15	43	210	42	21	40	2,879	44																
		4	Very often	7	20	152	30	17	33	1,740	27																
		Total		35	100	503	100	52	100	6,470	100																
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	3	8	2	1	2	106	2	2.6	3.0 **	-.49	3.1 **	-.59	3.0 **	-.49									
		2	Sometimes	15	43	135	27	13	25	1,690	26																
		3	Often	16	46	218	43	21	40	2,934	45																
		4	Very often	3	9	142	28	18	34	1,736	27																
Total		35	100	503	100	53	100	6,466	100																		
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	3	5	1	0	0	42	1	3.0	3.3 *	-.35	3.3 *	-.46	3.2 *	-.35									
		2	Sometimes	7	20	66	13	8	15	850	13																
		3	Often	18	51	230	46	19	36	3,046	47																
		4	Very often	9	26	202	40	26	49	2,523	39																
Total		35	100	503	100	53	100	6,461	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	1	3	63	13	3	6	750	12	3.1	2.6 *	.43	2.8	.25	2.6 **	.48
		2	Sometimes	10	29	181	36	18	35	2,522	39							
		3	Often	10	29	138	27	16	31	1,779	27							
		4	Very often	14	40	122	24	15	29	1,424	22							
Total		35	100	504	100	52	100	6,475	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	7	20	180	36	13	25	2,207	34	2.7	2.1 **	.51	2.4	.24	2.1 **	.51
		2	Sometimes	8	23	163	32	18	34	2,128	33							
		3	Often	10	29	84	17	10	19	1,220	19							
		4	Very often	10	29	78	15	12	23	911	14							
Total		35	100	505	100	53	100	6,466	100									
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	4	12	124	25	9	17	1,525	24	2.7	2.2 **	.49	2.5	.15	2.2 **	.48
		2	Sometimes	11	32	214	42	18	34	2,731	42							
		3	Often	11	32	104	21	15	28	1,449	22							
		4	Very often	8	24	62	12	11	21	764	12							
Total		34	100	504	100	53	100	6,469	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	2	6	104	21	6	11	1,350	21	2.7	2.3 **	.49	2.5	.20	2.2 **	.54
		2	Sometimes	14	40	216	43	24	45	2,979	46							
		3	Often	11	31	124	25	12	23	1,426	22							
		4	Very often	8	23	57	11	11	21	707	11							

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Tennessee Technological University

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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 Total	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				35	100	501	100	53	100	6,462	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	23	5	3	6	332	5	3.0	3.0	.00	3.1	-.16	2.9	.13							
			2	Some	7	20	111	22	9	17	1,713								26						
			3	Quite a bit	21	60	213	42	19	36	2,780								43						
			4	Very much	7	20	158	31	22	42	1,655								26						
			Total	35	100	505	100	53	100	6,480	100														
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	14	3	2	4	147	2	3.1	3.1	-.03	3.0	.07	3.1	.00							
			2	Some	10	29	107	21	16	30	1,298								20						
			3	Quite a bit	13	37	206	41	15	28	3,070								47						
			4	Very much	12	34	176	35	20	38	1,949								30						
			Total	35	100	503	100	53	100	6,464	100														
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	6	24	5	4	8	235	4	2.8	3.0	-.26	2.8	-.04	3.0	-.24							
			2	Some	13	37	118	23	19	36	1,538								24						
			3	Quite a bit	11	31	197	39	13	25	2,880								45						
			4	Very much	9	26	166	33	17	32	1,806								28						
			Total	35	100	505	100	53	100	6,459	100														
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	9	28	6	5	9	263	4	2.8	3.0	-.15	2.8	.04	2.9	-.12							
			2	Some	10	29	125	25	19	36	1,652								26						
			3	Quite a bit	12	34	188	37	11	21	2,826								44						
			4	Very much	10	29	163	32	18	34	1,720								27						
			Total	35	100	504	100	53	100	6,461	100														
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	3	26	5	5	9	279	4	2.7	2.9	-.27	2.9	-.22	2.9	-.22							
			2	Some	15	43	123	24	14	26	1,710								26						
			3	Quite a bit	12	34	207	41	14	26	2,864								44						
			4	Very much	7	20	149	30	20	38	1,604								25						
			Total	35	100	505	100	53	100	6,457	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	0	0	3	1	0	0	89	1	3.1	3.3	-.22	3.5 **	-.58	3.2	-.13							
			2	Some	7	20	89	18	6	11	1,046								16						
			3	Quite a bit	18	51	191	38	15	28	2,952								46						
			4	Very much	10	29	222	44	32	60	2,392								37						
			Total	35	100	505	100	53	100	6,479	100														
b. Taught course sessions	ETorganize	1	Very little	2	6	14	3	0	0	172	3														

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				Count		%		Count		%		Count		%		Count		%		Count		%		Count		%		Count		%		Mean		Effect size ⁿ		Mean		Effect size ⁿ		Mean		Effect size ⁿ	
Item wording or description in an organized way	Variable name ^l	Values ^m	Response options																																								
		2	Some	6	17	98	19	7	13	1,093	17	3.0		3.1		-0.14		3.3		-0.40		3.1		-0.15																			
		3	Quite a bit	17	49	207	41	23	43	3,046	47																																
		4	Very much	10	29	185	37	23	43	2,166	33																																
		Total		35	100	504	100	53	100	6,477	100																																
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	6	14	3	0	0	150	2	2.9		3.2 *		-0.36		3.2		-0.43		3.2 *		-0.34																			
		2	Some	10	29	88	17	12	23	1,103	17																																
		3	Quite a bit	13	37	195	39	16	30	2,827	44																																
		4	Very much	10	29	209	41	25	47	2,393	37																																
		Total		35	100	506	100	53	100	6,473	100																																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	6	17	50	10	6	11	642	10	2.7		2.8		-0.17		2.8		-0.09		2.7		-0.10																			
		2	Some	11	31	135	27	15	28	1,962	30																																
		3	Quite a bit	7	20	177	35	18	34	2,258	35																																
		4	Very much	11	31	144	28	14	26	1,607	25																																
		Total		35	100	506	100	53	100	6,469	100																																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	7	20	42	8	5	10	430	7	2.8		2.8		-0.01		2.8		.05		2.8		.02																			
		2	Some	4	11	141	28	14	27	1,980	31																																
		3	Quite a bit	13	37	193	38	22	42	2,608	40																																
		4	Very much	11	31	127	25	11	21	1,444	22																																
		Total		35	100	503	100	52	100	6,462	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	1	3	49	10	2	4	630	10	2.7		2.5		.18		2.6		.10		2.6		.10																			
		2	Sometimes	13	37	210	42	26	49	2,541	39																																
		3	Often	18	51	184	37	17	32	2,275	35																																
		4	Very often	3	9	61	12	8	15	1,020	16																																
		Total		35	100	504	100	53	100	6,466	100																																
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	5	15	58	12	7	13	936	14	2.5		2.5		-0.01		2.5		.03		2.5		.05																			
		2	Sometimes	12	35	209	41	22	42	2,587	40																																
		3	Often	12	35	161	32	16	30	2,003	31																																
		4	Very often	5	15	76	15	8	15	938	15																																
		Total		34	100	504	100	53	100	6,464	100																																
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	3	9	76	15	8	15	867	13	2.4		2.4		.00		2.4		-0.04		2.5		-0.06																			
		2	Sometimes	18	51	217	43	21	40	2,657	41																																
		3	Often	11	31	147	29	17	32	2,110	33																																
		4	Very often	3	9	65	13	7	13	837	13																																
		Total		35	100	504	100	53	100	6,464	100																																

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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	
				35	100	505	100	53	100	6,471	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		3	9	22	4	2	4	302	5	5.0	7.1 *	-0.33	7.8 *	-0.47	7.5 **	-0.38	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5 1-2		10	29	103	21	8	15	1,272	20								
		4 3-5		10	29	167	33	19	37	1,848	29								
		8 6-10		9	26	100	20	8	15	1,430	22								
		13 11-15		2	6	43	9	7	13	667	10								
		18 16-20		0	0	24	5	4	8	394	6								
		23 More than 20		1	3	42	8	4	8	509	8								
		Total		35	100	501	100	52	100	6,422	100								
b. Between 6 and 10 pages	wrmednum	0 None		8	24	140	28	11	21	1,572	25	1.8	3.1 **	-0.33	3.6 *	-0.48	3.0 **	-0.31	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5 1-2		19	58	158	32	17	33	2,384	37								
		4 3-5		4	12	123	25	15	29	1,541	24								
		8 6-10		2	6	48	10	6	12	579	9								
		13 11-15		0	0	14	3	1	2	179	3								
		18 16-20		0	0	8	2	1	2	73	1								
		23 More than 20		0	0	4	1	1	2	60	1								
		Total		33	100	495	100	52	100	6,388	100								
c. 11 pages or more	wrlongnum	0 None		25	71	268	55	21	43	3,368	53	1.1	1.5	-0.14	1.5	-0.18	1.4	-0.12	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5 1-2		6	17	147	30	19	39	2,172	34								
		4 3-5		2	6	49	10	7	14	516	8								
		8 6-10		1	3	12	2	2	4	165	3								
		13 11-15		1	3	9	2	0	0	67	1								
		18 16-20		0	0	4	1	0	0	48	1								
		23 More than 20		0	0	2	0	0	0	33	1								
		Total		35	100	491	100	49	100	6,369	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.)									40.1	68.4 **	-0.35	75.7 *	-0.54	67.5 *	-0.35	
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		4	11	14	3	2	4	363	6	2.5	3.1 ***	-0.73	3.0 **	-0.61	2.9 **	-0.49	
		2 Sometimes		13	37	125	25	15	28	1,927	30								
		3 Often		15	43	149	30	16	30	1,902	29								
		4 Very often		3	9	217	43	20	38	2,293	35								

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				Count		%		Count		%		Count		%		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																																								
				35		100		505		100		53		100		6,485		100																									
b. People from an economic background other than your own	DDeconomic	1	Never	3	9	21	4	2	4	242	4	2.7	3.1 **	-0.46	3.1 *	-0.42	3.0 *	-0.36																									
		2	Sometimes	7	20	108	21	15	28	1,616	25																																
		3	Often	22	63	163	32	13	25	2,356	36																																
		4	Very often	3	9	212	42	23	43	2,260	35																																
		Total		35	100	504	100	53	100	6,474	100																																
c. People with religious beliefs other than your own	DDreligion	1	Never	3	9	25	5	2	4	474	7	2.6	3.0 *	-0.40	2.8	-0.28	2.9	-0.31																									
		2	Sometimes	13	37	145	29	20	38	1,849	29																																
		3	Often	14	40	154	31	15	28	2,080	32																																
		4	Very often	5	14	180	36	16	30	2,074	32																																
		Total		35	100	504	100	53	100	6,477	100																																
d. People with political views other than your own	DDpolitical	1	Never	2	6	33	7	2	4	327	5	2.7	3.0	-0.27	2.9	-0.18	2.9	-0.23																									
		2	Sometimes	13	37	129	26	18	34	1,924	30																																
		3	Often	13	37	165	33	18	34	2,175	34																																
		4	Very often	7	20	175	35	15	28	2,050	32																																
		Total		35	100	502	100	53	100	6,476	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	2	6	4	1	0	0	104	2	2.8	3.2 **	-0.53	3.2 *	-0.48	3.1 **	-0.44																									
		2	Sometimes	8	23	87	17	12	23	1,201	19																																
		3	Often	20	57	222	44	20	38	2,872	44																																
		4	Very often	5	14	192	38	21	40	2,305	36																																
		Total		35	100	505	100	53	100	6,482	100																																
b. Reviewed your notes after class	LSnotes	1	Never	2	6	26	5	3	6	465	7	2.7	2.9	-0.28	3.0	-0.36	2.8	-0.14																									
		2	Sometimes	16	46	146	29	16	30	2,063	32																																
		3	Often	8	23	165	33	10	19	2,123	33																																
		4	Very often	9	26	168	33	24	45	1,823	28																																
		Total		35	100	505	100	53	100	6,474	100																																
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	6	33	7	3	6	437	7	2.6	2.8	-0.28	3.0 *	-0.47	2.8	-0.23																									
		2	Sometimes	14	40	139	28	11	22	2,000	31																																
		3	Often	15	43	203	40	20	39	2,407	37																																
		4	Very often	4	11	127	25	17	33	1,615	25																																
		Total		35	100	502	100	51	100	6,459	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	3	1	0	0	40	1																																

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			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	5	1	1	2	81	1	5.5	5.7	-.15	5.7	-.20	5.6	-.04																					
		3		1	3	18	4	1	2	212	3																												
		4		3	9	43	9	5	9	647	10																												
		5		14	40	142	28	15	28	2,010	31																												
		6		11	31	128	25	13	25	1,838	28																												
		7	Very much	6	17	165	33	18	34	1,640	25																												
		Total		35	100	504	100	53	100	6,468	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 4 8 17 34	15 12 24 50 100	44 55 155 249 503	9 11 31 50 100	1 10 17 25 53	2 19 32 47 100	395 660 1,650 3,769 6,474	6 10 25 58 100	50%	50%	.01	47%	.06	58%	-.17																					
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	2 14 1 18 35	6 40 3 51 100	58 206 44 193 501	12 41 9 39 100	8 18 3 24 53	15 34 6 45 100	597 2,576 466 2,829 6,468	9 40 7 44 100								51%	39%	.26	45%	.12	44%	.15														
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	5 17 4 9 35	14 49 11 26 100	79 225 53 145 502	16 45 11 29 100	13 21 4 15 53	25 40 8 28 100	781 3,397 511 1,777 6,466	12 53 8 27 100															26%	29%	-.07	28%	-.06	27%	-.04							
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	2 28 2 3 35	6 80 6 9 100	78 314 46 62 500	16 63 9 12 100	12 34 4 2 52	23 65 8 4 100	703 4,194 393 1,177 6,467	11 65 6 18 100																						9%	12%	-.13	4%	.20	18%	-.29
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	5 10 2 17 34	15 29 6 50 100	98 219 76 109 502	20 44 15 22 100	9 15 7 21 52	17 29 13 40 100	942 2,862 706 1,958 6,468	15 44 11 30 100																												

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

Seniors^a in Ag and Human Ecology

				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
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	0	0	78	16	7	13	584	9	89%	40% ***	1.09	57% **	.75	46% ***	.95
			Do not plan to do	1	3	104	21	6	11	1,555	24							
			Plan to do	3	9	121	24	10	19	1,327	21							
			Done or in progress	31	89	199	40	30	57	3,004	46							
			Total	35	100	502	100	53	100	6,470	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?												2.1						
	servcourse	1	None	5	14	89	18	13	25	1,740	27							
		2	Some	22	63	303	60	32	60	3,828	59							
		3	Most	8	23	101	20	7	13	778	12							
		4	All	0	0	10	2	1	2	122	2							
			Total	35	100	503	100	53	100	6,468	100							
13. Indicate the quality of your interactions with the following people at your institution.												5.8						
a. Students	QIstudent	1	Poor	0	0	7	1	1	2	59	1							
		2		0	0	6	1	0	0	69	1							
		3		1	3	24	5	2	4	261	4							
		4		3	9	48	9	6	11	639	10							
		5		9	26	126	25	12	23	1,665	26							
		6		9	26	143	28	18	34	1,921	30							
		7	Excellent	12	34	148	29	14	26	1,828	28							
		—	Not applicable	1	3	4	1	0	0	46	1							
			Total	35	100	506	100	53	100	6,488	100							
b. Academic advisors	QIadvisor	1	Poor	1	3	21	4	2	4	231	4	5.8						
		2		2	6	22	4	3	6	270	4							
		3		1	3	34	7	0	0	444	7							
		4		1	3	68	13	3	6	767	12							
		5		4	11	87	17	6	12	1,155	18							
		6		11	31	112	22	13	25	1,462	23							
		7	Excellent	14	40	155	31	25	48	2,079	32							
		—	Not applicable	1	3	5	1	0	0	72	1							
			Total	35	100	504	100	52	100	6,480	100							
c. Faculty	QIfaculty	1	Poor	0	0	10	2	0	0	59	1	5.5						
		2		2	6	13	3	1	2	108	2							
		3		0	0	18	4	3	6	299	5							
		4		4	11	64	13	5	9	686	11							
		5		10	29	116	23	11	21	1,546	24							
			Total	35	100	504	100	52	100	6,480	100							

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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	
		6		8	23	127	25	18	34	1,994	31								
		7	Excellent	10	29	147	29	15	28	1,726	27								
		—	Not applicable	1	3	5	1	0	0	39	1								
			Total	35	100	500	100	53	100	6,457	100								
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	4	11	26	5	5	10	251	4	4.5	4.9	-0.20	4.5	-0.02	4.9	-0.26	
		2		1	3	33	7	3	6	322	5								
		3		2	6	36	7	4	8	482	7								
		4		6	17	63	13	5	10	885	14								
		5		6	17	92	18	12	23	1,316	20								
		6		8	23	81	16	11	21	1,233	19								
		7	Excellent	3	9	97	19	5	10	1,107	17								
		—	Not applicable	5	14	76	15	7	13	881	14								
			Total	35	100	504	100	52	100	6,477	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	4	11	28	6	5	9	282	4	4.2	4.8 *	-0.37	4.5	-0.22	4.9 *	-0.45	
		2		3	9	27	5	2	4	350	5								
		3		4	11	51	10	7	13	535	8								
		4		6	17	83	16	9	17	1,031	16								
		5		7	20	107	21	11	21	1,496	23								
		6		7	20	104	21	13	25	1,331	21								
		7	Excellent	2	6	84	17	6	11	1,130	17								
		—	Not applicable	2	6	20	4	0	0	324	5								
			Total	35	100	504	100	53	100	6,479	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	1	3	11	2	1	2	112	2	2.9	3.2	-0.32	3.3 *	-0.56	3.2	-0.29	
		2	Some	6	17	76	15	5	9	1,047	16								
		3	Quite a bit	22	63	228	45	22	42	3,026	47								
		4	Very much	6	17	190	38	25	47	2,296	35								
			Total	35	100	505	100	53	100	6,481	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	24	5	3	6	256	4	2.8	3.0	-0.17	3.1	-0.35	3.0	-0.19	
		2	Some	12	34	126	25	11	21	1,454	23								
		3	Quite a bit	17	49	191	38	15	28	2,908	45								
		4	Very much	6	17	160	32	24	45	1,841	29								
			Total	35	100	501	100	53	100	6,459	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	7	20	38	8	4	8	471	7	2.3	2.9 ***	-0.64	2.9 **	-0.60	2.9 ***	-0.62	
		2	Some	13	37	123	25	14	26	1,556	24								
		3	Quite a bit	11	31	172	34	18	34	2,584	40								

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Tennessee Technological University

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				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
		4	Very much	4	11	169	34	17	32	1,858	29		▼		▼		▼		
		Total		35	100	502	100	53	100	6,469	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	7	20	61	12	6	11	952	15	2.3	▼	2.7 **	-0.47	2.7 *	-0.46	2.6 *	-0.33
		2	Some	14	40	147	29	19	36	2,138	33								
		3	Quite a bit	12	34	175	35	13	25	2,040	32								
		4	Very much	2	6	121	24	15	28	1,338	21								
		Total		35	100	504	100	53	100	6,468	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	3	39	8	4	8	402	6	2.7	2.9	-0.14	2.9	-0.23	2.9	-0.21	
		2	Some	12	34	133	26	14	26	1,516	23								
		3	Quite a bit	17	49	187	37	16	30	2,724	42								
		4	Very much	5	14	145	29	19	36	1,831	28								
		Total		35	100	504	100	53	100	6,473	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	7	20	57	11	11	21	536	8	2.6	2.8	-0.25	2.8	-0.17	2.9	-0.32	
		2	Some	7	20	120	24	8	15	1,584	25								
		3	Quite a bit	15	43	184	37	17	32	2,594	40								
		4	Very much	6	17	142	28	17	32	1,748	27								
		Total		35	100	503	100	53	100	6,462	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	15	43	154	31	21	40	1,971	31	1.9	2.2	-0.25	2.1	-0.14	2.1	-0.21	
		2	Some	11	31	176	35	15	28	2,427	38								
		3	Quite a bit	6	17	115	23	10	19	1,397	22								
		4	Very much	3	9	59	12	7	13	662	10								
		Total		35	100	504	100	53	100	6,457	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	3	9	78	16	7	14	842	13	2.6	2.6	0.04	2.8	-0.21	2.7	-0.06	
		2	Some	13	37	163	33	13	25	1,934	30								
		3	Quite a bit	14	40	158	32	14	27	2,313	36								
		4	Very much	5	14	101	20	17	33	1,378	21								
		Total		35	100	500	100	51	100	6,467	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	11	31	103	21	13	25	1,104	17	2.0	▼	2.4 *	-0.37	2.3	-0.30	2.4 *	-0.43
		2	Some	14	40	177	35	19	36	2,381	37								
		3	Quite a bit	8	23	147	29	12	23	2,032	31								
		4	Very much	2	6	74	15	9	17	945	15								
		Total		35	100	501	100	53	100	6,462	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	2	0	0	0	14	0								
	(Recoded version)	3	1-5 hrs	5	14	60	12	7	13	865	13								

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Tennessee Technological University

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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	Effect size ⁿ	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	29	124	25	12	23	1,539	24	13.3	14.7	-.17	14.4	-.14	14.7	-.17							
		13	11-15 hrs	8	23	115	23	13	25	1,376	21														
		18	16-20 hrs	6	17	88	17	10	19	1,155	18														
		23	21-25 hrs	3	9	54	11	5	9	676	10														
		28	26-30 hrs	2	6	25	5	3	6	416	6														
		33	More than 30 hrs	1	3	37	7	3	6	440	7														
		Total			35	100	505	100	53	100	6,481										100				
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	11	31	197	39	18	34	2,227	34	6.8	4.8	.29	6.1	.08	5.2	.23							
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	23	158	31	19	36	2,169	34														
		8	6-10 hrs	8	23	68	13	4	8	980	15														
		13	11-15 hrs	3	9	35	7	4	8	518	8														
		18	16-20 hrs	3	9	28	6	4	8	299	5														
		23	21-25 hrs	1	3	10	2	1	2	147	2														
		28	26-30 hrs	0	0	6	1	2	4	56	1														
	33	More than 30 hrs	1	3	2	0	1	2	68	1															
	Total			35	100	504	100	53	100	6,464	100														
c. Working for pay on campus	tmworkonhrs	0	0 hrs	25	71	384	76	40	75	4,225	65	2.9	3.6	-.10	3.8	-.13	4.4	-.21							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	11	12	2	1	2	345	5														
		8	6-10 hrs	3	9	27	5	2	4	615	9														
		13	11-15 hrs	1	3	24	5	3	6	568	9														
		18	16-20 hrs	1	3	39	8	5	9	486	8														
		23	21-25 hrs	0	0	8	2	1	2	123	2														
		28	26-30 hrs	0	0	7	1	1	2	54	1														
	33	More than 30 hrs	1	3	5	1	0	0	58	1															
	Total			35	100	506	100	53	100	6,474	100														
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	10	29	197	39	21	40	2,815	44	14.1	13.0	.08	12.8	.11	10.6	.29							
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	9	20	4	0	0	406	6														
		8	6-10 hrs	1	3	36	7	3	6	475	7														
		13	11-15 hrs	3	9	32	6	5	10	519	8														
		18	16-20 hrs	6	17	55	11	9	17	665	10														
		23	21-25 hrs	4	11	48	10	4	8	532	8														
		28	26-30 hrs	5	14	26	5	1	2	351	5														
	33	More than 30 hrs	3	9	91	18	9	17	696	11															
	Total			35	100	505	100	52	100	6,459	100														
Estimated number of hours working for pay	tmworkhrs											17.0	16.6	.03	16.7	.02	15.0	.17							

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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		%		Mean		Effect size ⁿ		Mean		Effect size ⁿ		Mean		Effect size ⁿ		Mean		Effect size ⁿ									
Item wording or description	Variable name ^l	Values ^m	Response options																																								
				by NSSE)																																							
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	12	34	165	33	20	39	2,532	39	3.8	4.5	-.11	4.7	-.13	3.6	.05																									
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	46	219	43	19	37	2,726	42																																
	8	6-10 hrs	5	14	59	12	3	6	651	10																																	
	13	11-15 hrs	1	3	30	6	2	4	284	4																																	
	18	16-20 hrs	0	0	12	2	6	12	132	2																																	
	23	21-25 hrs	0	0	10	2	1	2	58	1																																	
	28	26-30 hrs	0	0	0	0	0	0	18	0																																	
	33	More than 30 hrs	1	3	9	2	0	0	55	1																																	
	Total			35	100	504	100	51	100	6,456	100																																
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	3	21	4	1	2	155	2	10.8	9.6	.15	12.0	-.13	10.5	.03																									
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	26	177	35	16	31	1,873	29																																
	8	6-10 hrs	14	40	122	24	9	17	1,832	28																																	
	13	11-15 hrs	3	9	93	18	12	23	1,195	18																																	
	18	16-20 hrs	4	11	38	8	4	8	706	11																																	
	23	21-25 hrs	0	0	28	6	5	10	315	5																																	
	28	26-30 hrs	1	3	10	2	1	2	132	2																																	
	33	More than 30 hrs	3	9	15	3	4	8	256	4																																	
	Total			35	100	504	100	52	100	6,464	100																																
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	22	63	308	62	34	65	4,560	71	3.8	6.5	-.23	7.5	-.32	4.6	-.08																									
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	26	63	13	3	6	684	11																																
	8	6-10 hrs	1	3	27	5	1	2	266	4																																	
	13	11-15 hrs	0	0	15	3	2	4	139	2																																	
	18	16-20 hrs	0	0	13	3	3	6	127	2																																	
	23	21-25 hrs	0	0	2	0	0	0	52	1																																	
	28	26-30 hrs	0	0	6	1	1	2	62	1																																	
	33	More than 30 hrs	3	9	66	13	8	15	568	9																																	
	Total			35	100	500	100	52	100	6,458	100																																
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	1	3	76	15	8	15	1,214	19	7.3	5.9	.23	6.1	.16	4.8	.45																									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	57	245	49	31	58	3,482	54																																
	8	6-10 hrs	8	23	111	22	3	6	1,150	18																																	
	13	11-15 hrs	1	3	31	6	5	9	323	5																																	
	18	16-20 hrs	3	9	20	4	2	4	141	2																																	
	23	21-25 hrs	0	0	11	2	2	4	55	1																																	
	28	26-30 hrs	0	0	5	1	1	2	27	0																																	
		Total			35	100	500	100	52	100	6,458								100																								

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								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	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		33	More than 30 hrs	2	6	6	1	1	2	88	1								
			Total	35	100	505	100	53	100	6,480	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	7	20	70	14	14	26	1,024	16	2.3	2.8 *	-0.43	2.3	-0.05	2.7 **	-0.37	
		2	Some	14	40	152	30	19	36	1,988	31								
		3	About half	12	34	146	29	13	25	1,771	27								
		4	Most	1	3	98	19	2	4	1,205	19								
		5	Almost all	1	3	40	8	5	9	492	8								
			Total	35	100	506	100	53	100	6,480	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)									4.8	7.1 **	-0.37	5.8	-0.19	6.8 **	-0.33	
	tmreadinghrscol	1	0 hrs	0	0	2	0	0	0	14	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	22	63	251	50	33	62	3,328	52								
		3	More than 5, up to 10 hrs	9	26	136	27	9	17	1,721	27								
		4	More than 10, up to 15 hrs	3	9	55	11	8	15	667	10								
		5	More than 15, up to 20 hrs	1	3	30	6	1	2	371	6								
		6	More than 20, up to 25 hrs	0	0	19	4	0	0	246	4								
		7	More than 25 hrs	0	0	12	2	2	4	113	2								
			Total	35	100	505	100	53	100	6,460	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	11	25	5	2	4	311	5	2.7	3.0 *	-0.38	2.9	-0.29	3.0 *	-0.35
			2	Some	8	23	103	21	16	30	1,477	23							
			3	Quite a bit	18	51	216	43	18	34	2,671	41							
			4	Very much	5	14	156	31	17	32	2,021	31							
			Total		35	100	500	100	53	100	6,480	100							
b.	Speaking clearly and effectively	pgspeak	1	Very little	4	11	40	8	6	11	413	6							
			2	Some	7	20	107	21	13	25	1,542	24							

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

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

Seniors^a in Ag and Human Ecology

				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	
		3	Quite a bit	14	40	203	40	16	30	2,555	39	2.9	2.9	-.08	2.9	-.01	2.9	-.09	
		4	Very much	10	29	153	30	18	34	1,966	30								
		Total		35	100	503	100	53	100	6,476	100								
c. Thinking critically and analytically	pgthink	1	Very little	2	6	16	3	3	6	136	2	2.9	3.2	-.34	3.3 *	-.45	3.3 *	-.42	
		2	Some	8	23	74	15	3	6	862	13								
		3	Quite a bit	15	43	200	40	21	40	2,645	41								
		4	Very much	10	29	215	43	26	49	2,847	44								
		Total		35	100	505	100	53	100	6,490	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	6	44	9	7	13	510	8	2.6	2.8	-.19	2.8	-.17	2.8	-.23	
		2	Some	14	40	145	29	13	25	1,892	29								
		3	Quite a bit	15	43	201	40	19	36	2,369	37								
		4	Very much	4	11	115	23	14	26	1,708	26								
		Total		35	100	505	100	53	100	6,479	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	2	6	30	6	4	8	400	6	2.9	3.1	-.24	3.2	-.36	3.0	-.16	
		2	Some	9	26	99	20	5	9	1,442	22								
		3	Quite a bit	16	46	176	35	22	42	2,371	37								
		4	Very much	8	23	197	39	22	42	2,269	35								
		Total		35	100	502	100	53	100	6,482	100								
f. Working effectively with others	pgothers	1	Very little	5	14	32	6	5	9	229	4	2.8	3.1	-.25	3.0	-.15	3.1	-.30	
		2	Some	5	14	88	18	12	23	1,299	20								
		3	Quite a bit	16	46	203	40	15	28	2,687	41								
		4	Very much	9	26	179	36	21	40	2,264	35								
		Total		35	100	502	100	53	100	6,479	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	2	6	34	7	4	8	580	9	2.7	3.0	-.30	3.1	-.39	2.9	-.17	
		2	Some	11	31	116	23	9	17	1,609	25								
		3	Quite a bit	17	49	175	35	20	38	2,314	36								
		4	Very much	5	14	177	35	20	38	1,981	31								
		Total		35	100	502	100	53	100	6,484	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	9	37	7	2	4	611	9	2.4	3.0 ***	-.65	3.1 ***	-.96	2.8 ***	-.47	
		2	Some	17	49	114	23	10	19	1,805	28								
		3	Quite a bit	14	40	184	36	20	38	2,241	35								
		4	Very much	1	3	170	34	21	40	1,824	28								
		Total		35	100	505	100	53	100	6,481	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	3	9	41	8	4	8	490	8								
		2	Some	12	34	126	25	12	23	1,745	27								

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

Seniors^a in Ag and Human Ecology

				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															
				%	%	%	%	%	%	%	%																								
		3	Quite a bit	17	49	188	37	17	32	2,471	38	2.6	2.9	-.34	3.0 *	-.48	2.9	-.31																	
		4	Very much	3	9	150	30	20	38	1,778	27																								
		Total		35	100	505	100	53	100	6,484	100																								
j. Being an informed and active citizen	pgcitizen	1	Very little	7	20	60	12	7	13	688	11	2.3	2.8 **	-.46	2.9 *	-.57	2.7 **	-.46																	
		2	Some	14	40	138	27	9	17	1,874	29																								
		3	Quite a bit	10	29	165	33	21	40	2,281	35																								
		4	Very much	4	11	141	28	16	30	1,625	25																								
		Total		35	100	504	100	53	100	6,468	100																								
18. How would you evaluate your entire educational experience at this institution?																																			
	evalexp	1	Poor	1	3	10	2	2	4	100	2	3.1	3.2	-.14	3.4	-.35	3.3	-.27																	
		2	Fair	3	9	62	12	5	9	613	9																								
		3	Good	21	60	225	45	15	28	2,807	43																								
		4	Excellent	10	29	208	41	31	58	2,965	46																								
		Total		35	100	505	100	53	100	6,485	100																								
19. If you could start over again, would you go to the same institution you are now attending?																																			
	sameinst	1	Definitely no	1	3	17	3	2	4	201	3	3.3	3.3	-.03	3.5	-.23	3.3	-.06																	
		2	Probably no	6	17	57	11	4	8	697	11																								
		3	Probably yes	10	29	183	36	14	26	2,354	36																								
		4	Definitely yes	18	51	250	49	33	62	3,239	50																								
		Total		35	100	507	100	53	100	6,491	100																								

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

Respondent Profile: Ag and Human Ecology

Tennessee Technological University

Ag and Human Ecology

			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	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	15	94	218	84	29	88	3,872	82	33	94	446	88	46	87	5,361	82
		More than one	1	6	41	16	4	12	833	18	2	6	61	12	7	13	1,142	18
		Total	16	100	259	100	33	100	4,705	100	35	100	507	100	53	100	6,503	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	0	0	2	1	0	0	34	1	0	0	2	0	0	0	41	1
		Biological Sci., Agriculture, & Natural Resources	5	31	70	27	6	18	1,478	31	10	29	112	22	10	19	2,064	32
		Physical Sci., Mathematics, & Computer Science	0	0	0	0	0	0	17	0	0	0	2	0	0	0	19	0
		Social Sciences	0	0	6	2	1	3	74	2	0	0	7	1	0	0	134	2
		Business	0	0	3	1	0	0	43	1	1	3	7	1	1	2	42	1
		Communications, Media, & Public Relations	0	0	2	1	0	0	14	0	0	0	0	0	0	0	26	0
		Education	0	0	0	0	0	0	20	0	0	0	2	0	0	0	15	0
		Engineering	0	0	2	1	0	0	9	0	0	0	1	0	0	0	3	0
		Health Professions	5	31	130	50	18	55	2,382	51	14	40	238	47	26	49	2,734	42
		Social Service Professions	0	0	2	1	0	0	22	0	0	0	2	0	1	2	16	0
		All Other	6	38	42	16	8	24	611	13	10	29	133	26	15	28	1,405	22
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
Total	16	100	259	100	33	100	4,704	100	35	100	507	100	53	100	6,502	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	0	0	2	5	0	0	64	8	0	0	3	5	1	14	74	7
		Biological Sci., Agriculture, & Natural Resources	1	100	9	22	0	0	297	36	1	50	20	33	2	29	400	35
		Physical Sci., Mathematics, & Computer Science	0	0	1	2	0	0	11	1	0	0	0	0	0	0	14	1
		Social Sciences	0	0	3	7	1	25	59	7	0	0	2	3	0	0	100	9
		Business	0	0	1	2	1	25	31	4	0	0	1	2	0	0	40	4
		Communications, Media, & Public Relations	0	0	0	0	0	0	12	1	0	0	0	0	0	0	15	1
		Education	0	0	1	2	1	25	24	3	1	50	1	2	1	14	35	3
		Engineering	0	0	0	0	0	0	6	1	0	0	0	0	0	0	8	1
		Health Professions	0	0	16	39	0	0	223	27	0	0	20	33	1	14	265	23
		Social Service Professions	0	0	2	5	0	0	12	1	0	0	3	5	0	0	19	2
		All Other	0	0	6	15	1	25	79	10	0	0	10	16	2	29	157	14
		Undecided, Undeclared	0	0	0	0	0	0	13	2	0	0	1	2	0	0	11	1
Total	1	100	41	100	4	100	831	100	2	100	61	100	7	100	1,138	100		
21. What is your class level?	class	Freshman/First-year	14	88	208	81	23	70	4,037	86	0	0	1	0	0	0	18	0
		Sophomore	2	13	41	16	9	27	513	11	0	0	3	1	0	0	43	1
		Junior	0	0	4	2	1	3	89	2	1	3	34	7	5	9	488	8
		Senior	0	0	2	1	0	0	18	0	33	94	451	89	47	89	5,796	90
		Unclassified	0	0	2	1	0	0	28	1	1	3	15	3	1	2	125	2
		Total	16	100	257	100	33	100	4,685	100	35	100	504	100	53	100	6,470	100
22. Thinking about this	fulltime	No	0	0	12	5	2	6	173	4	3	9	75	15	5	9	984	15

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Respondent Profile: Ag and Human Ecology

Tennessee Technological University

Ag and Human Ecology

			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	16	100	242	95	31	94	4,499	96	32	91	423	85	48	91	5,445	85
		Total	16	100	254	100	33	100	4,672	100	35	100	498	100	53	100	6,429	100
23a. How many courses are you taking for credit this current academic term?	coursesum	0	0	0	1	0	0	0	10	0	1	3	11	2	0	0	113	2
		1	0	0	2	1	1	3	40	1	0	0	19	4	1	2	218	3
		2	0	0	5	2	1	3	81	2	0	0	35	7	6	11	418	6
		3	0	0	17	7	5	15	204	4	1	3	47	9	7	13	667	10
		4	1	6	52	20	12	36	1,110	24	7	20	152	30	17	32	1,752	27
		5	5	31	86	34	4	12	1,780	38	13	37	129	26	7	13	1,778	27
		6	8	50	52	20	4	12	861	18	8	23	56	11	3	6	847	13
		7 or more	2	13	41	16	6	18	596	13	5	14	54	11	12	23	678	10
		Total	16	100	256	100	33	100	4,682	100	35	100	503	100	53	100	6,471	100
b. Of these, how many are entirely online ?	onlinenum	0	11	69	194	76	28	85	3,651	78	29	83	301	61	33	63	4,197	65
		1	5	31	30	12	4	12	670	14	6	17	109	22	10	19	1,292	20
		2	0	0	14	5	0	0	202	4	0	0	40	8	4	8	498	8
		3	0	0	11	4	1	3	68	1	0	0	25	5	4	8	214	3
		4	0	0	4	2	0	0	28	1	0	0	16	3	0	0	117	2
		5	0	0	0	0	0	0	18	0	0	0	0	0	0	0	36	1
		6	0	0	1	0	0	0	7	0	0	0	1	0	0	0	33	1
		7 or more	0	0	1	0	0	0	17	0	0	0	4	1	1	2	51	1
		Total	16	100	255	100	33	100	4,661	100	35	100	496	100	52	100	6,438	100
Collapsed recode of courses taken online (Based on responses to coursesum and onlinenum.)	onlinecscol	No courses taken online	11	69	194	76	28	85	3,651	78	29	83	301	61	33	63	4,197	65
		Some courses taken online	5	31	45	18	4	12	850	18	6	17	148	30	15	29	1,700	26
		All courses taken online	0	0	16	6	1	3	160	3	0	0	46	9	4	8	540	8
		Total	16	100	255	100	33	100	4,661	100	35	100	495	100	52	100	6,437	100
24. What have most of your grades been up to now at this institution?	grades	C- or lower	1	7	6	2	0	0	66	1	0	0	3	1	0	0	29	0
		C	0	0	7	3	0	0	114	2	1	3	11	2	2	4	101	2
		C+	1	7	13	5	4	12	243	5	1	3	28	6	1	2	238	4
		B-	1	7	14	5	1	3	298	6	2	6	31	6	6	11	413	6
		B	3	20	49	19	7	21	881	19	4	11	89	18	7	13	1,165	18
		B+	1	7	46	18	7	21	856	18	6	17	104	21	10	19	1,243	19
		A-	2	13	47	18	7	21	988	21	9	26	79	16	11	21	1,343	21
		A	6	40	73	29	7	21	1,229	26	12	34	159	32	16	30	1,927	30
		Total	15	100	255	100	33	100	4,675	100	35	100	504	100	53	100	6,459	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	13	81	225	88	29	88	4,196	90	19	54	217	43	31	58	3,736	58
		Started elsewhere	3	19	30	12	4	12	476	10	16	46	286	57	22	42	2,720	42
		Total	16	100	255	100	33	100	4,672	100	35	100	503	100	53	100	6,456	100
26. Since graduating from	attend_voc	Vocational or technical school	0	0	6	2	0	0	138	3	3	9	47	9	5	10	419	7

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

Respondent Profile: Ag and Human Ecology

Tennessee Technological University

Ag and Human Ecology

			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	%
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	5	31	36	14	3	10	463	10	14	40	274	55	15	29	2,585	40
	attend_col	4-year college or university other than this one	0	0	20	8	1	3	381	8	9	26	135	27	11	21	1,626	25
	attend_none	None	11	69	194	77	26	84	3,650	78	14	40	161	32	29	56	2,708	42
	attend_other	Other	0	0	7	3	0	0	128	3	2	6	18	4	3	6	197	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	2	13	18	7	2	6	283	6	2	6	37	7	4	8	329	5
		Bachelor's degree (B.A., B.S., etc.)	7	44	66	26	7	23	1,491	32	11	31	168	34	9	17	2,181	34
		Master's degree (M.A., M.S., etc.)	6	38	95	38	7	23	1,447	31	18	51	209	42	20	38	2,620	41
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	6	74	29	15	48	1,433	31	4	11	87	17	19	37	1,324	21
		Total	16	100	253	100	31	100	4,654	100	35	100	501	100	52	100	6,454	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	22	9	0	0	173	4	2	6	55	11	4	8	291	5
		High school diploma or G.E.D.	3	19	56	22	4	13	663	14	5	14	97	19	8	15	1,017	16
		Attended college, but did not complete degree	1	6	32	13	7	22	508	11	9	26	57	11	3	6	651	10
		Associate's degree (A.A., A.S., etc.)	1	6	28	11	5	16	499	11	1	3	60	12	7	13	770	12
		Bachelor's degree (B.A., B.S., etc.)	6	38	68	27	10	31	1,500	32	13	37	145	29	18	35	1,953	30
		Master's degree (M.A., M.S., etc.)	4	25	38	15	5	16	988	21	5	14	68	14	8	15	1,269	20
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	6	10	4	1	3	319	7	0	0	18	4	4	8	483	8
		Total	16	100	254	100	32	100	4,650	100	35	100	500	100	52	100	6,434	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen	Not first-generation	11	69	116	46	16	50	2,807	60	18	51	231	46	30	58	3,705	58
	(Recoded from parented.)	First-generation	5	31	138	54	16	50	1,843	40	17	49	269	54	22	42	2,729	42
		Total	16	100	254	100	32	100	4,650	100	35	100	500	100	52	100	6,434	100
29. What is your gender identity?	genderid	Man	5	31	43	17	8	25	888	19	6	17	75	15	7	13	1,365	21
		Woman	10	63	208	82	22	69	3,700	79	29	83	420	84	45	87	4,987	77
		Another gender identity	0	0	2	1	1	3	33	1	0	0	1	0	0	0	42	1
		I prefer not to respond	1	6	1	0	1	3	39	1	0	0	6	1	0	0	62	1
		Total	16	100	254	100	32	100	4,660	100	35	100	502	100	52	100	6,456	100
30. Enter your year of birth (e.g., 1994):	agecat	19 or younger	15	94	215	85	28	88	4,103	89	0	0	0	0	0	0	34	1
	(Recoded from the information entered in birthyear.)	20-23	0	0	26	10	4	13	340	7	29	83	283	57	34	65	4,480	70
		24-29	1	6	6	2	0	0	74	2	5	14	111	23	12	23	979	15
		30-39	0	0	4	2	0	0	50	1	1	3	49	10	6	12	467	7
		40-55	0	0	2	1	0	0	57	1	0	0	40	8	0	0	356	6
		Over 55	0	0	1	0	0	0	9	0	0	0	10	2	0	0	78	1
		Total	16	100	254	100	32	100	4,633	100	35	100	493	100	52	100	6,394	100
31a. Are you an	internat	No	16	100	243	96	29	97	4,453	96	33	97	486	98	50	98	6,266	98

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Respondent Profile: Ag and Human Ecology

Tennessee Technological University

Ag and Human Ecology

			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	0	0	9	4	1	3	177	4	1	3	11	2	1	2	133	2
		Total	16	100	252	100	30	100	4,630	100	34	100	497	100	51	100	6,399	100
[If answered "yes"]	countrycol	Africa Sub-Saharan	0	0	0	0	0	0	16	10	0	0	0	0	0	0	9	8
Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	(Recoded from country.)	Asia	0	0	4	50	0	0	78	48	1	100	4	40	0	0	56	47
		Canada	0	0	1	13	0	0	5	3	0	0	4	40	0	0	10	8
		Europe	0	0	1	13	0	0	20	12	0	0	0	0	0	0	22	19
		Latin America and Caribbean	0	0	1	13	0	0	31	19	0	0	2	20	0	0	17	14
		Middle East and North Africa	0	0	1	13	0	0	10	6	0	0	0	0	0	0	3	3
		Oceania	0	0	0	0	0	0	4	2	0	0	0	0	0	0	1	1
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	8	100	0	0	164	100	1	100	10	100	0	0	118	100
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	0	0	2	1	1	3	93	2	0	0	6	1	4	8	123	2
	re_asian	Asian	0	0	17	7	0	0	297	6	3	9	26	5	1	2	370	6
	re_black	Black or African American	0	0	33	13	7	22	352	8	0	0	58	12	7	13	392	6
	re_latino	Hispanic or Latino	0	0	51	20	1	3	494	11	1	3	98	20	4	8	591	9
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	1	0	1	3	44	1	0	0	4	1	0	0	50	1
	re_white	White	15	94	156	61	22	69	3,609	78	33	94	305	61	37	71	5,043	78
	re_other	Other	0	0	6	2	0	0	72	2	0	0	15	3	0	0	128	2
	re_pnr	I prefer not to respond	1	6	6	2	1	3	86	2	0	0	25	5	5	10	211	3
Racial or ethnic identification	re_all	American Indian or Alaska Native	0	0	2	1	1	3	20	0	0	0	1	0	0	0	30	0
	(Recoded from re_amind to re_pnr where each student is represented only once.)	Asian	0	0	14	6	0	0	219	5	2	6	20	4	0	0	275	4
		Black or African American	0	0	31	12	6	19	274	6	0	0	51	10	7	13	316	5
		Hispanic or Latino	0	0	39	15	0	0	338	7	0	0	76	15	3	6	410	6
		Native Hawaiian/Other Pac. Islander	0	0	1	0	1	3	21	0	0	0	1	0	0	0	16	0
		White	15	94	141	56	22	69	3,295	71	31	89	278	56	32	62	4,690	73
		Other	0	0	3	1	0	0	35	1	0	0	12	2	0	0	78	1
		Multiracial	0	0	17	7	1	3	354	8	2	6	34	7	5	10	402	6
		I prefer not to respond	1	6	6	2	1	3	86	2	0	0	25	5	5	10	211	3
		Total	16	100	254	100	32	100	4,642	100	35	100	498	100	52	100	6,428	100
33. Are you a member of a social fraternity or sorority?	greek	No	12	75	233	92	27	84	4,087	88	25	71	457	92	44	85	5,732	89
		Yes	4	25	21	8	5	16	563	12	10	29	41	8	8	15	695	11
		Total	16	100	254	100	32	100	4,650	100	35	100	498	100	52	100	6,427	100
34. Which of the following best describes where you are living while attending college?	living	Residence hall, dormitory or other camp.	9	56	136	54	16	50	3,315	72	2	6	44	9	9	17	844	13
		Fraternity or sorority house	0	0	0	0	0	0	65	1	1	3	2	0	0	0	88	1
		Residence (house, apartment, etc.) within walking distance to the institution	1	6	21	8	3	9	313	7	11	31	127	26	8	15	2,002	31

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Respondent Profile: Ag and Human Ecology

Tennessee Technological University

Ag and Human Ecology

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	%				
			Residence (house, apartment, etc.) farther than walking distance to the institution			6	38	79	31	12	38	765	17	20	57	288	58	33	63	3,166	49							
			None of the above			0	0	17	7	1	3	175	4	1	3	36	7	2	4	302	5							
			Total			16	100	253	100	32	100	4,633	100	35	100	497	100	52	100	6,402	100							
35.	Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	16	100	236	94	32	100	4,262	92	32	94	482	97	50	98	6,110	95									
			Yes	0	0	16	6	0	0	365	8	2	6	14	3	1	2	294	5									
			Total	16	100	252	100	32	100	4,627	100	34	100	496	100	51	100	6,404	100									
36.	Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	16	100	245	98	32	100	4,578	99	35	100	479	96	49	94	6,190	97									
			Yes	0	0	6	2	0	0	54	1	0	0	19	4	3	6	212	3									
			Total	16	100	251	100	32	100	4,632	100	35	100	498	100	52	100	6,402	100									
37a.	Have you been diagnosed with any disability or impairment?	disability	No	14	88	226	89	25	78	3,936	85	29	83	428	86	45	87	5,451	85									
			Yes	2	13	19	8	4	13	588	13	5	14	62	12	7	13	800	12									
			I prefer not to respond	0	0	8	3	3	9	119	3	1	3	9	2	0	0	181	3									
			Total	16	100	253	100	32	100	4,643	100	35	100	499	100	52	100	6,432	100									
b.	[If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	0	0	1	6	0	0	82	14	0	0	5	8	0	0	90	11									
		dis_mobility	A mobility impairment	0	0	0	0	0	0	34	6	0	0	7	11	1	14	61	8									
		dis_learning	A learning disability (e.g., ADHD, dyslexia)	1	50	10	56	2	67	248	42	2	40	33	53	4	57	365	46									
		dis_mental	A mental health disorder	0	0	7	39	0	0	255	44	3	60	17	27	1	14	336	42									
		dis_other	A disability or impairment not listed above	1	50	2	11	1	33	102	17	1	20	14	23	1	14	146	18									
	Disability or impairment	disability_all	A sensory impairment	0	0	1	0	0	0	51	1	0	0	2	0	0	0	52	1									
		(Recoded from disability and dis_sense to dis_other where each student is represented only once.)	A mobility impairment	0	0	0	0	0	0	20	0	0	0	5	1	1	2	31	0									
			A learning disability	1	6	8	3	2	6	168	4	1	3	25	5	4	8	252	4									
			A mental health disorder	0	0	5	2	0	0	168	4	2	6	10	2	1	2	208	3									
			A disability or impairment not listed	1	6	2	1	1	3	69	1	1	3	10	2	1	2	84	1									
			More than one disability or impairment	0	0	2	1	0	0	108	2	1	3	10	2	0	0	170	3									
			No disability or impairment	14	88	226	90	25	81	3,936	85	29	83	428	86	45	87	5,451	85									
			Prefer not to respond	0	0	8	3	3	10	119	3	1	3	9	2	0	0	181	3									
			Total	16	100	252	100	31	100	4,639	100	35	100	499	100	52	100	6,429	100									
38.	Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	15	94	128	90	6	75	2,464	87	32	91	288	91	10	91	3,505	89									
			Bisexual	0	0	7	5	0	0	128	5	0	0	8	3	0	0	162	4									
			Gay	0	0	1	1	0	0	26	1	0	0	1	0	0	0	32	1									
			Lesbian	0	0	1	1	0	0	24	1	1	3	1	0	0	0	36	1									

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

Respondent Profile: Ag and Human Ecology

Tennessee Technological University

Ag and Human Ecology

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	%		
		Queer	0	0	1	1	1	13	16	1	0	0	0	0	0	0	33	1
		Questioning or unsure	0	0	0	0	0	0	43	2	1	3	0	0	0	0	25	1
		Another sexual orientation	0	0	0	0	0	0	40	1	0	0	2	1	0	0	32	1
		I prefer not to respond	1	6	4	3	1	13	83	3	1	3	15	5	1	9	124	3
		Total	16	100	142	100	8	100	2,824	100	35	100	315	100	11	100	3,949	100

Institution-reported information

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

Institution-reported: Sex	IRsex	Female	11	69	215	83	25	76	3,781	80	29	83	431	85	46	87	5,097	78
		Male	5	31	44	17	8	24	924	20	6	17	76	15	7	13	1,405	22
		Total	16	100	259	100	33	100	4,705	100	35	100	507	100	53	100	6,502	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	1	0	0	0	20	0	0	0	0	0	0	0	24	0
		Asian	0	0	3	1	0	0	137	3	2	6	21	5	0	0	227	4
		Black or African American	0	0	28	12	8	24	253	6	0	0	53	13	8	15	293	5
		Hispanic or Latino	0	0	43	19	0	0	425	10	0	0	64	15	2	4	493	8
		Native Hawaiian/Other Pac. Islander	0	0	0	0	0	0	19	0	0	0	1	0	0	0	21	0
		White	16	100	136	60	20	61	3,074	72	32	91	255	60	37	70	4,356	75
		Other	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
		Foreign or nonresident alien	0	0	2	1	0	0	131	3	0	0	8	2	1	2	88	2
		Two or more races/ethnicities	0	0	5	2	2	6	137	3	1	3	10	2	3	6	175	3
		Unknown	0	0	10	4	3	9	101	2	0	0	11	3	2	4	162	3
		Total	16	100	228	100	33	100	4,298	100	35	100	423	100	53	100	5,839	100
Institution-reported: Class level	IRclass	Freshman/First-Year	16	100	259	100	33	100	4,705	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	35	100	507	100	53	100	6,503	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	16	100	259	100	33	100	4,705	100	35	100	507	100	53	100	6,503	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	0	0	43	17	8	24	566	12	35	100	507	100	53	100	6,482	100
		First-time first-year	16	100	216	83	25	76	4,139	88	0	0	0	0	0	0	21	0
		Total	16	100	259	100	33	100	4,705	100	35	100	507	100	53	100	6,503	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	0	0	18	7	0	0	233	5	1	3	76	15	5	9	891	14
		Full-time	16	100	241	93	33	100	4,472	95	34	97	431	85	48	91	5,612	86
		Total	16	100	259	100	33	100	4,705	100	35	100	507	100	53	100	6,503	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.