
Tennessee Technological University

NSSE 2019 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 report.

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

Frequencies will be reported for related-major groups that have at least 5 respondents, but NSSE requires a group to have at least 20 respondents for statistical comparisons (e.g., means and t-tests). 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.

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 Quality Assurance	Your first-year students compared with NSSE 2018 & 2019	Your seniors compared with Carnegie Class	Your seniors compared with Quality Assurance	Your seniors compared with NSSE 2018 & 2019
Academic Challenge	Higher-Order Learning	--	--	--	▲	--	--
	Reflective & Integrative Learning	--	--	--	--	--	--
	Learning Strategies	--	▲	--	--	--	--
	Quantitative Reasoning	--	--	▲	--	--	--
Learning with Peers	Collaborative Learning	--	▲	--	--	--	--
	Discussions with Diverse Others	--	--	--	--	--	--
Experiences with Faculty	Student-Faculty Interaction	▲	--	▲	▲	▲	▲
	Effective Teaching Practices	--	▲	--	▲	--	▲
Campus Environment	Quality of Interactions	▲	▲	▲	▲	▲	▲
	Supportive Environment	--	--	--	--	--	--

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Ag and Human Ecology Tennessee Technological University

First-year students^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 = 29)	40.2	9.8	1.81	25	35	40	45	60				
Carnegie Class	38.0	12.8	.35	20	30	40	45	60	30	2.2		.173
Quality Assurance	36.9	13.0	3.06	15	25	38	45	60	45	3.2		.291
NSSE 2018 & 2019	37.9	12.8	.20	20	30	40	45	60	29	2.3		.178
Reflective & Integrative Learning												
Tennessee Tech (N = 29)	35.9	9.1	1.69	23	29	34	43	53				
Carnegie Class	34.8	11.5	.31	17	26	34	43	57	1,382	1.1		.098
Quality Assurance	34.3	10.5	2.41	6	29	34	40	54	46	1.6		.169
NSSE 2018 & 2019	35.3	11.8	.19	17	26	34	43	57	4,016	.6		.052
Learning Strategies												
Tennessee Tech (N = 27)	42.5	12.7	2.44	20	33	40	53	60				
Carnegie Class	38.6	13.2	.36	20	27	40	47	60	1,365	3.9		.294
Quality Assurance	31.9	14.6	3.43	0	27	33	40	60	43	10.6	*	.789
NSSE 2018 & 2019	38.5	13.3	.21	20	27	40	47	60	3,962	4.0		.298
Quantitative Reasoning												
Tennessee Tech (N = 28)	33.1	15.7	2.96	0	23	40	40	60				
Carnegie Class	28.6	14.9	.40	7	20	27	40	60	1,371	4.5		.305
Quality Assurance	26.0	13.5	3.10	0	20	27	33	60	45	7.1		.481
NSSE 2018 & 2019	27.6	14.7	.23	7	20	27	40	60	3,972	5.5	*	.377
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 29)	37.1	10.9	2.02	20	30	35	45	55				
Carnegie Class	35.3	13.7	.37	15	25	35	45	60	1,378	1.8		.132
Quality Assurance	29.8	11.4	2.55	15	20	28	38	53	47	7.3	*	.659
NSSE 2018 & 2019	34.1	13.5	.21	10	25	35	45	60	3,995	3.0		.220
Discussions with Diverse Others												
Tennessee Tech (N = 28)	38.6	11.2	2.12	20	30	40	45	60				
Carnegie Class	40.3	14.8	.40	20	30	40	55	60	1,369	-1.7		-.117
Quality Assurance	34.7	15.0	3.45	10	25	35	40	60	45	3.8		.298
NSSE 2018 & 2019	38.9	15.0	.24	15	30	40	50	60	28	-4		-.023

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Ag and Human Ecology Tennessee Technological University

First-year students^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
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 29)	29.3	14.5	2.69	10	20	30	35	55				
Carnegie Class	23.8	14.8	.41	5	15	20	35	55	1,368	5.5	*	.371
Quality Assurance	28.2	14.5	3.51	0	20	30	40	50	44	1.1		.074
NSSE 2018 & 2019	22.9	14.5	.23	0	15	20	30	50	3,956	6.4	*	.439
Effective Teaching Practices												
Tennessee Tech (N = 29)	41.7	10.8	2.00	24	36	40	48	60				
Carnegie Class	37.2	12.5	.34	16	28	36	44	60	1,380	4.5		.360
Quality Assurance	33.8	10.2	2.34	12	28	32	44	48	46	7.9	*	.745
NSSE 2018 & 2019	38.2	12.8	.20	16	28	40	48	60	3,999	3.4		.267
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 28)	48.9	7.2	1.36	36	44	50	53	60				
Carnegie Class	43.4	10.8	.30	24	38	44	50	60	30	5.5	***	.516
Quality Assurance	40.7	9.7	2.22	20	32	40	50	54	45	8.2	**	.991
NSSE 2018 & 2019	43.0	11.5	.18	22	36	44	52	60	28	5.9	***	.517
Supportive Environment												
Tennessee Tech (N = 28)	40.2	11.1	2.10	20	31	40	48	60				
Carnegie Class	37.3	12.9	.35	15	30	38	45	60	1,371	2.9		.227
Quality Assurance	38.1	11.9	2.80	20	28	39	48	60	44	2.1		.184
NSSE 2018 & 2019	37.1	13.1	.21	15	28	38	45	60	3,980	3.1		.234

NSSE 2019 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
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 30)	43.5	13.8	2.53	20	35	40	60	60				
Carnegie Class	38.4	13.3	.30	20	30	40	50	60	1,939	5.1	*	.382
Quality Assurance	37.0	15.1	3.37	13	25	35	45	60	48	6.5		.453
NSSE 2018 & 2019	39.2	13.3	.19	20	30	40	50	60	5,216	4.3		.326
Reflective & Integrative Learning												
Tennessee Tech (N = 30)	40.6	11.5	2.11	20	37	40	49	57				
Carnegie Class	37.9	11.9	.27	20	29	37	46	60	1,954	2.7		.227
Quality Assurance	38.3	11.3	2.41	20	31	37	43	57	50	2.3		.197
NSSE 2018 & 2019	38.4	12.2	.17	20	31	37	49	60	5,271	2.1		.175
Learning Strategies												
Tennessee Tech (N = 30)	41.8	14.5	2.65	13	33	40	53	60				
Carnegie Class	37.0	13.9	.32	13	27	40	47	60	1,944	4.8		.342
Quality Assurance	38.7	15.4	3.37	13	27	40	47	60	49	3.0		.204
NSSE 2018 & 2019	38.0	14.2	.20	13	27	40	47	60	5,228	3.8		.269
Quantitative Reasoning												
Tennessee Tech (N = 29)	32.0	17.8	3.30	7	20	33	47	60				
Carnegie Class	30.0	15.2	.35	7	20	27	40	60	1,934	1.9		.126
Quality Assurance	27.6	16.8	3.66	7	20	27	33	60	48	4.3		.250
NSSE 2018 & 2019	29.9	15.4	.21	7	20	27	40	60	5,211	2.1		.135
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 30)	37.0	14.5	2.64	10	25	40	50	60				
Carnegie Class	34.5	14.1	.32	10	25	35	45	60	1,944	2.5		.180
Quality Assurance	37.9	13.0	2.84	20	30	35	45	60	49	-9		-.062
NSSE 2018 & 2019	34.0	14.5	.20	10	25	35	45	60	5,239	3.0		.206
Discussions with Diverse Others												
Tennessee Tech (N = 30)	40.7	15.0	2.74	10	40	40	50	60				
Carnegie Class	39.2	15.5	.35	15	30	40	55	60	1,941	1.5		.094
Quality Assurance	33.6	18.4	4.01	5	20	35	40	60	49	7.1		.431
NSSE 2018 & 2019	38.7	15.6	.22	15	25	40	50	60	5,215	2.0		.126

NSSE 2019 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

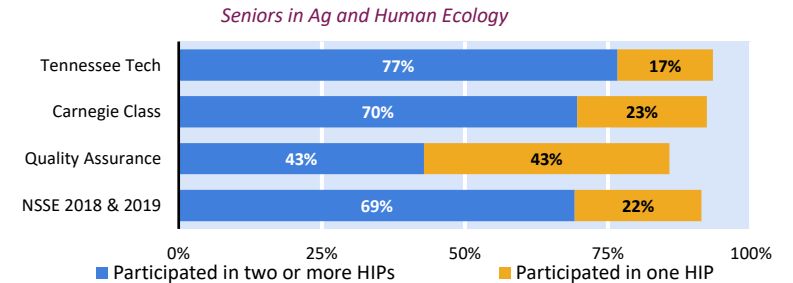
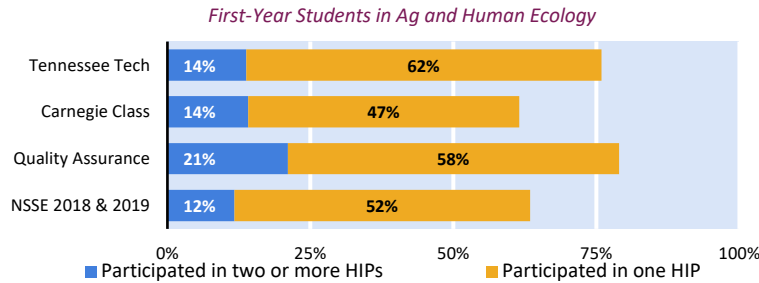
	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 29)	38.3	17.1	3.18	5	25	40	55	60				
Carnegie Class	26.3	15.5	.35	5	15	25	35	60	1,938	11.9	***	.768
Quality Assurance	25.0	18.4	4.01	0	10	20	40	60	48	13.3	*	.752
NSSE 2018 & 2019	26.8	15.7	.22	5	15	25	35	60	5,210	11.5	***	.734
Effective Teaching Practices												
Tennessee Tech (N = 30)	44.8	12.8	2.34	24	36	40	60	60				
Carnegie Class	38.6	12.6	.29	20	32	40	48	60	1,955	6.2	**	.491
Quality Assurance	40.2	12.8	2.79	20	36	40	48	60	49	4.6		.360
NSSE 2018 & 2019	39.5	12.9	.18	20	32	40	48	60	5,265	5.3	*	.412
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 29)	48.9	8.6	1.59	36	44	50	56	60				
Carnegie Class	42.9	11.3	.26	22	36	44	50	60	1,871	6.0	**	.529
Quality Assurance	38.5	16.0	3.48	16	32	38	50	60	28	10.4	*	.853
NSSE 2018 & 2019	43.4	11.2	.16	23	36	44	52	60	5,054	5.5	**	.490
Supportive Environment												
Tennessee Tech (N = 30)	34.6	12.2	2.23	15	28	33	43	55				
Carnegie Class	33.5	13.4	.31	13	23	33	43	60	1,947	1.1		.082
Quality Assurance	37.3	16.4	3.59	13	33	38	43	60	49	-2.6		-.187
NSSE 2018 & 2019	33.6	13.3	.18	13	25	33	43	58	5,241	1.0		.078

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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.

	Tennessee Tech	Your students' participation compared with:			
		Carnegie Class	Quality Assurance	NSSE 2018 & 2019	
	%	Difference ⁱ	Difference ⁱ	Difference ⁱ	ES ^j
<i>First-Year Students in Ag and Human Ecology</i>					
12. Service-Learning	72	+20	-1	+15	.32
11c. Learning Community	10	-7	-1	-4	-.11
11e. Research with Faculty	7	-0	-9	+2	.07
Participated in at least one	76	+14	-3	+12	.27
Participated in two or more	14	-0	-7	+2	.06
<i>Seniors in Ag and Human Ecology</i>					
12. Service-Learning	73	+4	+7	-0	-.01
11c. Learning Community	30	+5	+1	+4	.08
11e. Research with Faculty	37	+8	+3	+8	.17
11a. Internship or Field Exp.	57	-3	+23	+1	.02
11d. Study Abroad	24	+3	+10	+5	.12
11f. Culminating Senior Exp.	63	+17	+25	+16	.33
Participated in at least one	93	+1	+8	+2	.08
Participated in two or more	77	+7	+34	+7	.17

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		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	0	0	57	4	1	5	117	3	3.0	2.7	.31	2.6	.42	2.8	.21	
		2	Sometimes	9	31	551	41	8	42	1,526	38								
		3	Often	12	41	472	35	7	37	1,416	35								
		4	Very often	8	28	273	20	3	16	934	23								
		Total		29	100	1,353	100	19	100	3,993	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	4	14	242	18	1	5	650	16	2.6	2.4	.19	2.8	-.17	2.5	.11	
		2	Sometimes	10	34	527	39	8	40	1,475	37								
		3	Often	9	31	366	27	6	30	1,159	29								
		4	Very often	6	21	212	16	5	25	691	17								
		Total		29	100	1,347	100	20	100	3,975	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	0	0	63	5	1	5	170	4	2.9	3.0	-.13	2.9	.05	3.1	-.18	
		2	Often	7	24	183	14	3	15	485	12								
		3	Sometimes	17	59	760	56	13	65	2,237	56								
		4	Never	5	17	346	26	3	15	1,098	28								
		Total		29	100	1,352	100	20	100	3,990	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	7	24	580	43	6	30	1,552	39	2.1	1.8	.36	2.2	-.10	1.9	.24	
		2	Sometimes	14	48	538	40	6	30	1,575	39								
		3	Often	6	21	166	12	6	30	607	15								
		4	Very often	2	7	71	5	2	10	258	6								
		Total		29	100	1,355	100	20	100	3,992	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	0	0	66	5	1	5	242	6	3.0	2.8	.23	2.7	.43	2.7	.30	
		2	Sometimes	9	31	430	32	8	40	1,347	34								
		3	Often	11	38	561	41	8	40	1,601	40								
		4	Very often	9	31	298	22	3	15	806	20								
		Total		29	100	1,355	100	20	100	3,996	100								
f. Explained course material to one or more students	CLexplain	1	Never	0	0	43	3	1	5	164	4	2.9	2.8	.12	2.6	.47	2.8	.23	
		2	Sometimes	10	34	430	32	10	50	1,394	35								
		3	Often	11	38	593	44	6	30	1,709	43								
		4	Very often	8	28	290	21	3	15	729	18								
		Total		29	100	1,356	100	20	100	3,996	100								

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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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ				
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	1	3	136	10	1	5	441	11	2.7	2.7	.02	2.4	.43	2.6	.10	
		2	Sometimes	11	38	433	32	11	55	1,378	35								
		3	Often	12	41	487	36	7	35	1,368	34								
		4	Very often	5	17	301	22	1	5	800	20								
		Total		29	100	1,357	100	20	100	3,987	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	85	6	2	10	246	6	2.8	2.7	.05	2.4	.55	2.7	.08	
		2	Sometimes	11	38	483	36	11	55	1,476	37								
		3	Often	14	48	519	38	5	25	1,539	39								
		4	Very often	4	14	267	20	2	10	731	18								
		Total		29	100	1,354	100	20	100	3,992	100								
i. Given a course presentation	present	1	Never	3	11	288	21	2	10	691	17	2.4	2.2	.16	2.3	.14	2.3	.06	
		2	Sometimes	14	50	614	45	12	60	1,825	46								
		3	Often	9	32	320	24	5	25	1,045	26								
		4	Very often	2	7	132	10	1	5	435	11								
		Total		28	100	1,354	100	20	100	3,996	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	1	4	100	7	3	15	303	8	2.6	2.6	.05	2.4	.32	2.6	.03	
		2	Sometimes	9	32	528	39	9	45	1,550	39								
		3	Often	17	61	529	39	5	25	1,513	38								
		4	Very often	1	4	194	14	3	15	620	16								
		Total		28	100	1,351	100	20	100	3,986	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	7	118	9	2	10	338	8	2.5	2.6	-.06	2.4	.14	2.6	-.11	
		2	Sometimes	14	48	544	40	11	55	1,523	38								
		3	Often	9	31	485	36	4	20	1,462	37								
		4	Very often	4	14	202	15	3	15	660	17								
		Total		29	100	1,349	100	20	100	3,983	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	3	10	147	11	2	10	455	11	2.6	2.5	.04	2.7	-.11	2.6	.00	
		2	Sometimes	12	41	560	41	7	35	1,535	38								
		3	Often	9	31	444	33	7	35	1,350	34								
		4	Very often	5	17	202	15	4	20	652	16								
		Total		29	100	1,353	100	20	100	3,992	100								

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	1	3	70	5	0	0	183	5	2.8	2.7	.06	2.7	.11	2.7	.01	
		2	Sometimes	9	31	460	34	7	37	1,312	33								
		3	Often	15	52	614	45	11	58	1,813	45								
		4	Very often	4	14	212	16	1	5	678	17								
		Total		29	100	1,356	100	19	100	3,986	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	0	0	36	3	1	5	109	3	3.0	2.9	.21	2.9	.20	2.9	.19	
		2	Sometimes	4	15	385	28	5	26	1,111	28								
		3	Often	18	67	644	48	8	42	1,866	47								
		4	Very often	5	19	287	21	5	26	894	22								
		Total		27	100	1,352	100	19	100	3,980	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	25	2	1	5	91	2	2.8	2.8	-.03	2.8	.04	2.9	-.07	
		2	Sometimes	10	36	443	33	5	26	1,192	30								
		3	Often	13	46	600	44	10	53	1,817	46								
		4	Very often	5	18	286	21	3	16	886	22								
		Total		28	100	1,354	100	19	100	3,986	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	12	1	0	0	38	1	3.2	3.1	.21	2.9	.40	3.1	.19	
		2	Sometimes	2	7	264	20	6	32	790	20								
		3	Often	19	66	705	52	8	42	2,010	51								
		4	Very often	8	28	368	27	5	26	1,137	29								
		Total		29	100	1,349	100	19	100	3,975	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	2	7	154	11	2	11	544	14	2.9	2.5 *	.40	2.7	.24	2.5 *	.47	
		2	Sometimes	6	21	556	41	5	26	1,688	42								
		3	Often	14	48	408	30	9	47	1,098	28								
		4	Very often	7	24	232	17	3	16	645	16								
		Total		29	100	1,350	100	19	100	3,975	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	8	28	520	38	5	28	1,667	42	2.2	2.0	.21	2.3	-.16	1.9	.28	
		2	Sometimes	10	34	476	35	5	28	1,360	34								
		3	Often	9	31	232	17	5	28	620	16								
		4	Very often	2	7	125	9	3	17	332	8								
		Total		29	100	1,353	100	18	100	3,979	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			Mean
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	5	17	390	29	3	17	1,156	29	2.3	2.1	.25	2.1	.20	2.0	.26	
		2	Sometimes	15	52	611	45	10	56	1,773	45								
		3	Often	5	17	240	18	5	28	738	19								
		4	Very often	4	14	112	8	0	0	299	8								
		Total		29	100	1,353	100	18	100	3,966	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	3	10	279	21	3	16	865	22	2.5	2.2	.35	2.5	.05	2.2 *	.38	
		2	Sometimes	13	45	647	48	7	37	1,877	47								
		3	Often	8	28	286	21	6	32	869	22								
		4	Very often	5	17	138	10	3	16	358	9								
		Total		29	100	1,350	100	19	100	3,969	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	1	3	26	2	2	11	117	3	3.1	3.1	.05	3.0	.12	3.0	.14	
		2	Some	4	14	259	19	3	16	877	22								
		3	Quite a bit	15	52	661	49	7	37	1,904	48								
		4	Very much	9	31	404	30	7	37	1,078	27								
		Total		29	100	1,350	100	19	100	3,976	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	26	2	1	6	107	3	3.1	3.0	.11	2.8	.31	2.9	.19	
		2	Some	5	17	317	23	6	33	1,035	26								
		3	Quite a bit	17	59	662	49	6	33	1,901	48								
		4	Very much	7	24	347	26	5	28	927	23								
		Total		29	100	1,352	100	18	100	3,970	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	37	3	0	0	137	3	2.9	2.9	.01	2.8	.07	2.9	.01	
		2	Some	9	31	396	29	7	37	1,103	28								
		3	Quite a bit	14	48	601	44	8	42	1,794	45								
		4	Very much	6	21	317	23	4	21	938	24								
		Total		29	100	1,351	100	19	100	3,972	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	0	0	47	3	0	0	126	3	2.9	2.9	.09	2.9	.05	2.9	.05	
		2	Some	8	28	401	30	7	37	1,087	27								
		3	Quite a bit	15	52	601	44	7	37	1,839	46								
		4	Very much	6	21	302	22	5	26	917	23								
		Total		29	100	1,351	100	19	100	3,969	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	0	0	45	3	1	6	145	4	3.1	2.9	.34	2.8	.39	2.9	.33	
		2	Some	5	17	390	29	6	33	1,093	28								
		3	Quite a bit	15	52	615	46	6	33	1,843	46								
		4	Very much	9	31	300	22	5	28	888	22								
		Total		29	100	1,350	100	18	100	3,969	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	18	1	0	0	84	2	3.3	3.0	.35	2.9	.58	3.1	.31	
		2	Some	3	10	286	21	7	37	760	19								
		3	Quite a bit	14	48	660	49	7	37	1,898	48								
		4	Very much	12	41	387	29	5	26	1,226	31								
		Total		29	100	1,351	100	19	100	3,968	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	42	3	0	0	138	3	3.2	3.0	.27	2.6 **	.81	3.0	.22	
		2	Some	3	10	297	22	10	53	833	21								
		3	Quite a bit	18	62	675	50	6	32	1,893	48								
		4	Very much	8	28	336	25	3	16	1,101	28								
		Total		29	100	1,350	100	19	100	3,965	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	3	39	3	1	6	122	3	3.2	3.0	.24	2.6 *	.80	3.0	.20	
		2	Some	3	10	281	21	6	33	797	20								
		3	Quite a bit	14	48	644	48	10	56	1,822	46								
		4	Very much	11	38	388	29	1	6	1,231	31								
		Total		29	100	1,352	100	18	100	3,972	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	3	120	9	0	0	296	7	3.0	2.7	.34	2.8	.19	2.8	.24	
		2	Some	7	24	442	33	7	37	1,241	31								
		3	Quite a bit	12	41	512	38	8	42	1,448	36								
		4	Very much	9	31	277	21	4	21	986	25								
		Total		29	100	1,351	100	19	100	3,971	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	7	153	11	1	5	387	10	2.7	2.6	.18	2.5	.30	2.7	.08	
		2	Some	11	38	507	38	9	47	1,377	35								
		3	Quite a bit	9	31	470	35	8	42	1,421	36								
		4	Very much	7	24	220	16	1	5	784	20								
		Total		29	100	1,350	100	19	100	3,969	100								

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				Frequency Distributions								Statistical Comparisons ^k																															
				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019											
				Count				%				Count				%				Count				%				Count				%				Mean				Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019									
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ																	
6. During the current school year, about how often have you done the following?																																											
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	2	7	112	8	1	5	392	10	2.8	2.6	.21	2.6	.26	2.5	.30																									
		2	Sometimes	8	29	519	38	7	37	1,595	40																																
		3	Often	12	43	513	38	10	53	1,464	37																																
		4	Very often	6	21	208	15	1	5	520	13																																
			Total	28	100	1,352	100	19	100	3,971	100																																
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	4	14	239	18	3	16	740	19	2.5	2.3	.16	2.3	.26	2.3	.19																									
		2	Sometimes	10	34	565	42	9	47	1,648	42																																
		3	Often	12	41	389	29	6	32	1,156	29																																
		4	Very often	3	10	155	11	1	5	418	11																																
			Total	29	100	1,348	100	19	100	3,962	100																																
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	3	10	215	16	5	26	716	18	2.7	2.3	.36	2.1 *	.69	2.3 *	.43																									
		2	Sometimes	9	31	594	44	9	47	1,742	44																																
		3	Often	12	41	405	30	4	21	1,149	29																																
		4	Very often	5	17	135	10	1	5	354	9																																
			Total	29	100	1,349	100	19	100	3,961	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	10	94	7	1	5	251	6	6.5	6.3	.03	6.3	.03	6.5	.00																									
		1.5	1-2	9	31	276	20	2	11	847	21																																
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	4	14	458	34	9	47	1,245	31																																
		8	6-10	7	24	292	22	3	16	883	22																																
		13	11-15	3	10	110	8	3	16	360	9																																
		18	16-20	1	3	54	4	1	5	179	5																																
		23	More than 20	2	7	67	5	0	0	197	5																																
			Total	29	100	1,351	100	19	100	3,962	100																																
b. Between 6 and 10 pages	wrmednum	0	None	16	55	489	36	7	37	1,399	35	2.2	2.1	.03	2.8	-.15	2.1	.03																									
		1.5	1-2	6	21	547	41	7	37	1,591	40																																
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	3	10	209	15	2	11	671	17																																
		8	6-10	3	10	61	5	1	5	200	5																																
		13	11-15	0	0	30	2	2	11	68	2																																
		18	16-20	1	3	9	1	0	0	17	0																																
		23	More than 20	0	0	5	0	0	0	18	0																																
			Total	29	100	1,350	100	19	100	3,964	100																																

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				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Effect size ⁿ		Effect size ⁿ							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ⁿ	Effect size ⁿ						
c. 11 pages or more	wrlongnum	0	None	23	79	1,076	80	14	74	3,126	79	1.2	.7	.24	1.7	-.12	.7	.22							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	3	10	194	14	2	11	598	15														
	4	3-5	2	7	34	3	1	5	116	3															
	8	6-10	0	0	26	2	0	0	70	2															
	13	11-15	0	0	11	1	2	11	28	1															
	18	16-20	0	0	5	0	0	0	10	0															
	23	More than 20	1	3	2	0	0	0	14	0															
Total				29	100	1,348	100	19	100	3,962	100														
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)	55.2		45.7	.16	67.1	-.11	46.5	.14														
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	1	3	54	4	2	11	193	5	2.9	3.0	-.10	2.8	.16	3.0	-.03							
		2	Sometimes	8	28	353	26	5	26	1,138	29														
		3	Often	12	41	461	34	7	37	1,289	32														
		4	Very often	8	28	483	36	5	26	1,351	34														
		Total		29	100	1,351	100	19	100	3,971	100														
b. People from an economic background other than your own	DDeconomic	1	Never	0	0	44	3	0	0	157	4	3.1	3.1	.02	3.0	.10	3.0	.06							
		2	Sometimes	4	14	309	23	5	26	949	24														
		3	Often	19	66	524	39	9	47	1,529	39														
		4	Very often	6	21	472	35	5	26	1,333	34														
Total		29	100	1,349	100	19	100	3,968	100																
c. People with religious beliefs other than your own	DDreligion	1	Never	3	11	60	4	0	0	252	6	2.9	3.0	-.14	2.6	.30	2.9	-.04							
		2	Sometimes	4	14	345	26	10	53	1,065	27														
		3	Often	14	50	462	34	6	32	1,349	34														
		4	Very often	7	25	483	36	3	16	1,302	33														
Total		28	100	1,350	100	19	100	3,968	100																
d. People with political views other than your own	DDpolitical	1	Never	1	3	55	4	4	21	247	6	2.9	3.0	-.12	2.5	.37	2.9	-.02							
		2	Sometimes	9	31	378	28	4	21	1,170	29														
		3	Often	12	41	470	35	8	42	1,370	35														
		4	Very often	7	24	449	33	3	16	1,183	30														
Total		29	100	1,352	100	19	100	3,970	100																

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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	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	0	0	22	2	3	16	63	2	3.0	3.0	.03	2.6	.64	3.0	.04	
		2	Sometimes	4	14	311	23	4	21	923	23								
		3	Often	20	69	646	48	10	53	1,913	48								
		4	Very often	5	17	368	27	2	11	1,062	27								
		Total		29	100	1,347	100	19	100	3,961	100								
b. Reviewed your notes after class	LSnotes	1	Never	1	4	48	4	2	11	165	4	3.2	3.0	.29	2.7 *	.68	3.0	.30	
		2	Sometimes	3	11	368	27	4	22	1,107	28								
		3	Often	13	46	510	38	10	56	1,433	36								
		4	Very often	11	39	422	31	2	11	1,253	32								
		Total		28	100	1,348	100	18	100	3,958	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	4	76	6	3	16	225	6	3.1	2.8	.31	2.4 **	.83	2.8	.30	
		2	Sometimes	6	21	409	30	7	37	1,215	31								
		3	Often	11	39	563	42	8	42	1,590	40								
		4	Very often	10	36	303	22	1	5	932	24								
		Total		28	100	1,351	100	19	100	3,962	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	11	1	0	0	26	1	5.6	5.5	.10	4.7 *	.78	5.5	.07	
		2		0	0	9	1	1	5	31	1								
		3		1	3	67	5	2	11	155	4								
		4		3	10	134	10	5	26	423	11								
		5		10	34	457	34	6	32	1,348	34								
		6		8	28	375	28	4	21	1,040	26								
		7	Very much	7	24	294	22	1	5	930	24								
		Total		29	100	1,347	100	19	100	3,953	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		0	0	93	7	5	26	379	10	3%	10%	-.26	11%	-.29	8%	-.21	
		Do not plan to do		0	0	43	3	1	5	123	3								
		Plan to do		28	97	1,087	80	11	58	3,130	79								
		Done or in progress		1	3	130	10	2	11	332	8								
		Total		29	100	1,353	100	19	100	3,964	100								

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			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name ^l	Values ^m	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
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	5	17	303	22	4	21	1,020	26	7%	13%	-.21	21%	-.42	12%	-.17	
		Do not plan to do	3	10	227	17	5	26	789	20								
		Plan to do	19	66	644	48	6	32	1,686	43								
		Done or in progress	2	7	178	13	4	21	467	12								
		Total	29	100	1,352	100	19	100	3,962	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	9	31	366	27	7	39	1,256	32	10%	17%	-.20	11%	-.02	14%	-.11	
		Do not plan to do	8	28	405	30	3	17	1,044	26								
		Plan to do	9	31	348	26	6	33	1,107	28								
		Done or in progress	3	10	232	17	2	11	552	14								
		Total	29	100	1,351	100	18	100	3,959	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	38	344	25	6	32	1,024	26	3%	4%	-.03	0%	.37	3%	.02	
		Do not plan to do	6	21	252	19	4	21	873	22								
		Plan to do	11	38	701	52	9	47	1,941	49								
		Done or in progress	1	3	55	4	0	0	124	3								
		Total	29	100	1,352	100	19	100	3,962	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	38	450	33	5	26	1,443	36	7%	7%	-.01	16%	-.29	5%	.07	
		Do not plan to do	8	28	245	18	3	16	760	19								
		Plan to do	8	28	561	41	8	42	1,554	39								
		Done or in progress	2	7	96	7	3	16	211	5								
		Total	29	100	1,352	100	19	100	3,968	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	6	21	437	32	4	22	1,257	32	0%	2%	-.26	0%	.00	1%	-.24	
		Do not plan to do	3	10	137	10	0	0	417	11								
		Plan to do	20	69	753	56	14	78	2,227	56								
		Done or in progress	0	0	23	2	0	0	58	1								
		Total	29	100	1,350	100	18	100	3,959	100								

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

servcourse	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
1 None	8	28	644	48	5	26	1,698	43	1.8	1.6	.28	1.8	-.08	1.7	.19
2 Some	20	69	605	45	12	63	1,928	49							
3 Most	0	0	91	7	2	11	289	7							
4 All	1	3	13	1	0	0	46	1							
Total	29	100	1,353	100	19	100	3,961	100							

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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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	16	1	0	0	44	1	5.4	5.5	-.04	5.3	.09	5.4	.02	
		2		1	3	22	2	2	11	85	2								
		3		2	7	49	4	3	16	179	5								
		4		2	7	156	12	0	0	530	13								
		5		8	28	383	28	2	11	1,080	27								
		6		10	34	387	29	6	32	1,061	27								
		7	Excellent	6	21	331	25	6	32	968	24								
		—	Not applicable	0	0	6	0	0	0	14	0								
			Total	29	100	1,350	100	19	100	3,961	100								
b. Academic advisors	QIadvisor	1	Poor	0	0	24	2	0	0	89	2	5.9	5.5	.25	5.2	.50	5.4 *	.31	
		2		0	0	53	4	2	11	154	4								
		3		1	3	82	6	1	5	260	7								
		4		2	7	145	11	2	11	482	12								
		5		7	24	259	19	4	21	777	20								
		6		8	28	294	22	4	21	858	22								
		7	Excellent	11	38	475	35	5	26	1,282	32								
		—	Not applicable	0	0	14	1	1	5	58	1								
			Total	29	100	1,346	100	19	100	3,960	100								
c. Faculty	QIfaculty	1	Poor	0	0	10	1	0	0	53	1	6.1	5.3 ***	.62	5.3 *	.77	5.4 ***	.57	
		2		0	0	30	2	0	0	80	2								
		3		0	0	77	6	2	11	237	6								
		4		1	4	191	14	3	16	510	13								
		5		6	21	366	27	5	26	1,030	26								
		6		9	32	390	29	5	26	1,144	29								
		7	Excellent	12	43	274	20	4	21	880	22								
		—	Not applicable	0	0	11	1	0	0	29	1								
			Total	28	100	1,349	100	19	100	3,963	100								

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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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			Mean
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	29	2	0	0	101	3	5.8	5.2 **	.41	5.1 *	.70	5.2 **	.42	
		2		0	0	41	3	0	0	149	4								
		3		1	3	91	7	1	5	280	7								
		4		2	7	197	15	6	32	579	15								
		5		5	17	305	23	4	21	872	22								
		6		12	41	329	24	5	26	868	22								
		7	Excellent	7	24	279	21	2	11	864	22								
		—	Not applicable	2	7	76	6	1	5	247	6								
Total				29	100	1,347	100	19	100	3,960	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	47	3	1	5	120	3	6.0	5.1 **	.60	4.6 **	1.01	5.1 **	.57	
		2		1	3	39	3	0	0	135	3								
		3		0	0	74	5	5	26	302	8								
		4		1	3	196	15	3	16	584	15								
		5		6	21	342	25	3	16	908	23								
		6		7	24	291	22	5	26	861	22								
		7	Excellent	12	41	240	18	2	11	814	21								
		—	Not applicable	2	7	121	9	0	0	240	6								
Total				29	100	1,350	100	19	100	3,964	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	15	1	0	0	37	1	3.2	3.1	.10	3.1	.24	3.1	.11	
		2	Some	4	14	237	18	3	16	705	18								
		3	Quite a bit	15	52	648	48	12	63	1,953	49								
		4	Very much	10	34	448	33	4	21	1,271	32								
		Total				29	100	1,348	100	19	100								3,966
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	3	34	3	2	11	123	3	3.1	3.1	.01	2.8	.33	3.1	.00	
		2	Some	3	10	254	19	3	16	751	19								
		3	Quite a bit	17	59	607	45	10	53	1,682	43								
		4	Very much	8	28	454	34	4	21	1,398	35								
		Total				29	100	1,349	100	19	100								3,954
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	1	4	40	3	3	16	161	4	3.4	3.2	.30	2.9	.55	3.2	.28	
		2	Some	3	11	222	16	1	5	640	16								
		3	Quite a bit	8	29	574	43	10	53	1,562	39								
		4	Very much	16	57	513	38	5	26	1,598	40								
		Total				28	100	1,349	100	19	100								3,961

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Tennessee Technological University

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				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	0	0	118	9	2	11	389	10	3.0	2.8	.18	2.8	.22	2.8	.21
		2	Some	10	34	371	27	4	22	1,150	29							
		3	Quite a bit	10	34	518	38	8	44	1,427	36							
		4	Very much	9	31	343	25	4	22	995	25							
		Total		29	100	1,350	100	18	100	3,961	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	0	0	54	4	1	5	174	4	3.2	3.0	.24	3.1	.18	3.0	.25
		2	Some	3	10	259	19	3	16	818	21							
		3	Quite a bit	16	55	606	45	8	42	1,668	42							
		4	Very much	10	34	426	32	7	37	1,290	33							
		Total		29	100	1,345	100	19	100	3,950	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	68	5	2	11	229	6	3.1	3.0	.09	3.1	.06	3.0	.11
		2	Some	6	21	271	20	2	11	830	21							
		3	Quite a bit	14	48	561	42	8	42	1,590	40							
		4	Very much	9	31	446	33	7	37	1,305	33							
		Total		29	100	1,346	100	19	100	3,954	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	3	11	274	20	3	17	794	20	2.6	2.3	.26	2.6	-.04	2.3	.24
		2	Some	11	39	529	39	4	22	1,547	39							
		3	Quite a bit	9	32	368	27	8	44	1,068	27							
		4	Very much	5	18	175	13	3	17	543	14							
		Total		28	100	1,346	100	18	100	3,952	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	1	3	77	6	1	6	286	7	3.1	2.9	.24	3.0	.16	2.9	.27
		2	Some	5	17	310	23	4	22	956	24							
		3	Quite a bit	12	41	589	44	7	39	1,592	40							
		4	Very much	11	38	370	27	6	33	1,118	28							
		Total		29	100	1,346	100	18	100	3,952	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	2	7	175	13	2	11	547	14	2.5	2.5	.00	2.7	-.19	2.5	-.03
		2	Some	14	48	523	39	6	32	1,418	36							
		3	Quite a bit	9	31	430	32	7	37	1,283	32							
		4	Very much	4	14	218	16	4	21	707	18							
		Total		29	100	1,346	100	19	100	3,955	100							

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Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

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				Frequency Distributions								Statistical Comparisons ^k																				
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019														
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ														
Item wording or description	Variable name ^l	Values ^m	Response options	Your first-year students compared with																												
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 3 5 9 4 6 1 1	0 10 17 31 14 21 3 3	2 122 315 295 278 163 91 75	0 9 23 22 16 12 7 6	0 5 3 5 3 1 1 1	0 26 16 26 16 5 5 5	7 452 905 903 780 445 244 217	0 11 23 23 20 11 6 5	15.1	15.3	-.03	12.7	.29	14.8	.03														
Total				29	100	1,341	100	19	100	3,953	100																					
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	9 13 6 0 1 0 0 0	31 45 21 0 3 0 0 0	286 527 281 132 65 26 12 16	21 39 21 10 5 2 1 1	6 6 3 1 3 0 0 0	32 32 16 5 16 0 0 0	1,033 1,477 721 371 188 69 40 50	26 37 18 9 5 2 1 1								3.6	6.1 **	-.38	5.7	-.41	5.8 **	-.32							
Total				29	100	1,345	100	19	100	3,949	100																					
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	23 1 4 0 1 0 0 0	79 3 14 0 3 0 0 0	1,025 52 106 79 49 29 4 3	76 4 8 6 4 2 0 0	11 1 3 3 0 0 0 1	58 5 16 16 0 0 0 5	2,999 170 333 236 141 58 13 10	76 4 8 6 4 1 0 0															1.8	2.8	-.17	5.2	-.54	2.7	-.16
Total				29	100	1,347	100	19	100	3,960	100																					

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	12	41	995	74	12	63	2,765	70	9.0	▲	3.9 ***	.62	5.3	.40	4.8 *	.47
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	61	5	1	5	190	5								
	8	6-10 hrs	7	24	69	5	1	5	212	5									
	13	11-15 hrs	3	10	63	5	2	11	216	5									
	18	16-20 hrs	2	7	58	4	2	11	208	5									
	23	21-25 hrs	2	7	53	4	0	0	150	4									
	28	26-30 hrs	3	10	17	1	1	5	85	2									
	33	More than 30 hrs	0	0	31	2	0	0	132	3									
Total				29	100	1,347	100	19	100	3,958	100								
Estimated number of hours working for pay	tmworkhrs	(Continuous variable created by NSSE)										10.8	▲	6.7 *	.41	10.5	.03	7.5	.32
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	13	45	662	49	8	42	2,077	52	2.5	2.5	.00	3.3	-.17	2.5	.00	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	52	539	40	7	37	1,431	36								
	8	6-10 hrs	0	0	87	6	2	11	243	6									
	13	11-15 hrs	0	0	29	2	2	11	101	3									
	18	16-20 hrs	0	0	16	1	0	0	62	2									
	23	21-25 hrs	0	0	12	1	0	0	27	1									
	28	26-30 hrs	1	3	1	0	0	0	7	0									
	33	More than 30 hrs	0	0	4	0	0	0	14	0									
Total				29	100	1,350	100	19	100	3,962	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	13	1	0	0	65	2	9.4	▼	12.0 **	-.33	13.5	-.62	11.9 *	-.31
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	24	269	20	4	21	844	21								
	8	6-10 hrs	11	38	400	30	5	26	1,119	28									
	13	11-15 hrs	7	24	312	23	2	11	876	22									
	18	16-20 hrs	4	14	170	13	3	16	525	13									
	23	21-25 hrs	0	0	90	7	4	21	256	6									
	28	26-30 hrs	0	0	21	2	0	0	82	2									
	33	More than 30 hrs	0	0	74	5	1	5	197	5									
Total				29	100	1,349	100	19	100	3,964	100								

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Frequencies and Statistical Comparisons: Ag and Human Ecology Tennessee Technological University

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				Frequency Distributions								Statistical Comparisons ^k										
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with								
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	24	86	1,163	86	13	68	3,251	82	2.0	1.2	.19	3.8	-.25	1.9	.03				
		3	1-5 hrs	2	7	97	7	2	11	331	8											
		8	6-10 hrs	0	0	33	2	1	5	132	3											
		13	11-15 hrs	0	0	20	1	2	11	79	2											
		18	16-20 hrs	0	0	17	1	0	0	57	1											
		23	21-25 hrs	1	4	5	0	0	0	24	1											
		28	26-30 hrs	1	4	2	0	0	0	11	0											
		33	More than 30 hrs	0	0	10	1	1	5	72	2											
		Total			28	100	1,347	100	19	100	3,957	100										
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	1	3	464	34	11	58	1,674	42	6.3	4.2 *	.38	3.4	.46	3.9 *	.40				
		3	1-5 hrs	17	59	568	42	5	26	1,432	36											
		8	6-10 hrs	7	24	184	14	1	5	478	12											
		13	11-15 hrs	2	7	65	5	0	0	178	4											
		18	16-20 hrs	1	3	29	2	1	5	72	2											
		23	21-25 hrs	0	0	14	1	1	5	48	1											
		28	26-30 hrs	0	0	10	1	0	0	24	1											
		33	More than 30 hrs	1	3	14	1	0	0	60	2											
		Total			29	100	1,348	100	19	100	3,966	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	3	10	225	17	7	37	561	14	2.7	2.5	.16	2.1	.59	2.6	.01				
		2	Some	11	38	513	38	6	32	1,368	35											
		3	About half	9	31	374	28	4	21	1,132	29											
		4	Most	5	17	191	14	2	11	693	18											
		5	Almost all	1	3	42	3	0	0	199	5											
			Total			29	100	1,345	100	19	100								3,953	100		
	tmreadinghrs															6.5	6.0	.10	4.6	.35	6.5	.01
		<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>																				

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				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												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	
	tmreadinghrscol	1	0 hrs	0	0	2	0	0	0	7	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	16	55	731	55	11	58	2,069	53								
		3	More than 5, up to 10 hrs	7	24	382	29	6	32	1,083	28								
		4	More than 10, up to 15 hrs	4	14	133	10	1	5	428	11								
		5	More than 15, up to 20 hrs	1	3	48	4	1	5	189	5								
		6	More than 20, up to 25 hrs	0	0	30	2	0	0	113	3								
		7	More than 25 hrs	1	3	9	1	0	0	44	1								
			Total	29	100	1,335	100	19	100	3,933	100								
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	1	3	123	9	0	0	280	7	2.7	2.7	.04	2.8	-.15	2.8	-.06	
		2	Some	11	38	415	31	7	37	1,146	29								
		3	Quite a bit	12	41	563	42	8	42	1,713	43								
		4	Very much	5	17	245	18	4	21	808	20								
			Total	29	100	1,346	100	19	100	3,947	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	0	0	156	12	1	5	381	10	2.8	2.6	.24	2.7	.13	2.7	.19	
		2	Some	10	34	447	33	5	26	1,299	33								
		3	Quite a bit	14	48	509	38	11	58	1,555	39								
		4	Very much	5	17	235	17	2	11	717	18								
			Total	29	100	1,347	100	19	100	3,952	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	40	3	0	0	112	3	3.1	3.0	.14	2.9	.40	3.0	.13	
		2	Some	2	7	269	20	6	32	779	20								
		3	Quite a bit	20	71	641	48	9	47	1,886	48								
		4	Very much	6	21	398	30	4	21	1,182	30								
			Total	28	100	1,348	100	19	100	3,959	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	3	10	124	9	0	0	421	11	2.6	2.7	-.13	2.4	.28	2.6	-.01	
		2	Some	8	28	394	29	11	58	1,325	33								
		3	Quite a bit	15	52	541	40	8	42	1,501	38								
		4	Very much	3	10	290	21	0	0	714	18								
			Total	29	100	1,349	100	19	100	3,961	100								

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	0	0	153	11	0	0	479	12	2.8	2.7	.16	2.8	-.02	2.6	.19
		2	Some	10	34	411	30	6	32	1,245	31							
		3	Quite a bit	14	48	504	37	10	53	1,435	36							
		4	Very much	5	17	282	21	3	16	804	20							
		Total		29	100	1,350	100	19	100	3,963	100							
f. Working effectively with others	pgothers	1	Very little	0	0	84	6	1	5	226	6	3.0	2.8	.18	2.7	.45	2.9	.15
		2	Some	3	10	365	27	5	26	1,042	26							
		3	Quite a bit	23	79	571	42	11	58	1,711	43							
		4	Very much	3	10	330	24	2	11	981	25							
		Total		29	100	1,350	100	19	100	3,960	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	1	3	159	12	0	0	412	10	2.7	2.7	.03	2.8	-.09	2.7	-.01
		2	Some	10	34	392	29	6	32	1,125	28							
		3	Quite a bit	14	48	500	37	11	58	1,534	39							
		4	Very much	4	14	298	22	2	11	889	22							
		Total		29	100	1,349	100	19	100	3,960	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	0	0	121	9	0	0	338	9	2.8	2.8	.01	2.9	-.24	2.8	.00
		2	Some	10	34	371	28	4	21	1,122	28							
		3	Quite a bit	15	52	533	40	12	63	1,522	38							
		4	Very much	4	14	321	24	3	16	973	25							
		Total		29	100	1,346	100	19	100	3,955	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	1	3	139	10	0	0	402	10	2.5	2.6	-.18	2.6	-.21	2.7	-.19
		2	Some	14	48	451	33	8	44	1,299	33							
		3	Quite a bit	13	45	510	38	9	50	1,520	38							
		4	Very much	1	3	251	19	1	6	739	19							
		Total		29	100	1,351	100	18	100	3,960	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	1	3	143	11	1	5	428	11	2.8	2.6	.20	2.6	.35	2.7	.17
		2	Some	7	24	443	33	7	37	1,255	32							
		3	Quite a bit	17	59	508	38	10	53	1,453	37							
		4	Very much	4	14	255	19	1	5	825	21							
		Total		29	100	1,349	100	19	100	3,961	100							

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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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
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	
					%		%		%		%								
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	11	1	1	5	59	1	3.5	3.3	.33	2.9 **	.90	3.2 *	.37	
		2	Fair	0	0	137	10	2	11	448	11								
		3	Good	15	52	688	51	13	68	2,009	51								
		4	Excellent	14	48	514	38	3	16	1,451	37								
		Total		29	100	1,350	100	19	100	3,967	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	33	2	3	16	118	3	3.6	3.4	.25	2.9 *	.75	3.3	.33	
		2	Probably no	2	7	132	10	1	5	457	11								
		3	Probably yes	9	31	499	37	9	47	1,536	39								
		4	Definitely yes	18	62	690	51	6	32	1,863	47								
		Total		29	100	1,354	100	19	100	3,974	100								
20. Do you intend to return to this institution next year?^f																			
	returnexp		No	0	0	43	3	2	10	165	4	97%	93%	.16	75% *	.67	89%	.29	
			Yes	28	97	1,257	93	15	75	3,556	89								
			Not sure	1	3	50	4	3	15	256	6								
			Total	29	100	1,350	100	20	100	3,977	100								
			(Means indicate the percentage who responded "Yes.")																

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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		Quality Assurance		NSSE 2018 & 2019		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	
																			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	Never	0	0	58	3	1	5	122	2	3.3	▲ 3.0 *	.40	3.1	.25	3.1	.26	
		2	Sometimes	6	20	613	32	5	23	1,405	27								
		3	Often	9	30	620	32	7	32	1,680	32								
		4	Very often	15	50	637	33	9	41	2,037	39								
		Total		30	100	1,928	100	22	100	5,244	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	7	23	425	22	7	33	1,090	21	2.7	2.3	.41	▲ 2.0 *	.58	2.4	.34	
		2	Sometimes	6	20	736	38	8	38	1,984	38								
		3	Often	6	20	515	27	4	19	1,319	25								
		4	Very often	11	37	247	13	2	10	835	16								
		Total		30	100	1,923	100	21	100	5,228	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	0	0	121	6	1	5	272	5	3.2	▲ 2.9 *	.42	3.0	.41	3.0	.33	
		2	Often	4	14	358	19	3	14	815	16								
		3	Sometimes	14	48	1,031	53	14	64	2,860	55								
		4	Never	11	38	420	22	4	18	1,294	25								
		Total		29	100	1,930	100	22	100	5,241	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	15	50	941	49	8	40	2,488	47	1.6	1.7	-.11	2.1	-.50	1.7	-.15	
		2	Sometimes	12	40	728	38	7	35	1,960	37								
		3	Often	3	10	183	9	1	5	568	11								
		4	Very often	0	0	79	4	4	20	230	4								
		Total		30	100	1,931	100	20	100	5,246	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	2	7	159	8	3	14	539	10	2.6	2.6	-.02	2.7	-.14	2.6	.04	
		2	Sometimes	13	43	774	40	6	27	2,091	40								
		3	Often	10	33	642	33	7	32	1,721	33								
		4	Very often	5	17	349	18	6	27	892	17								
		Total		30	100	1,924	100	22	100	5,243	100								
f. Explained course material to one or more students	CLexplain	1	Never	1	3	86	4	0	0	276	5	3.0	2.8	.20	3.0	-.10	2.8	.22	
		2	Sometimes	7	23	638	33	6	29	1,732	33								
		3	Often	14	47	784	41	8	38	2,093	40								
		4	Very often	8	27	421	22	7	33	1,142	22								
		Total		30	100	1,929	100	21	100	5,243	100								

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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		Quality Assurance		NSSE 2018 & 2019		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	
																			Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	4	13	267	14	1	5	811	15	2.6	2.6	.05	2.7	-.05	2.5	.09	
		2	Sometimes	9	30	665	34	10	45	1,800	34								
		3	Often	11	37	606	31	6	27	1,602	31								
		4	Very often	6	20	393	20	5	23	1,037	20								
		Total		30	100	1,931	100	22	100	5,250	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	3	70	4	1	5	246	5	3.2	2.9 *	.37	3.0	.22	2.9	.34	
		2	Sometimes	5	17	543	28	8	36	1,451	28								
		3	Often	11	37	827	43	3	14	2,090	40								
		4	Very often	13	43	491	25	10	45	1,467	28								
		Total		30	100	1,931	100	22	100	5,254	100								
i. Given a course presentation	present	1	Never	2	7	180	9	3	14	455	9	3.0	2.7	.28	3.0	-.08	2.8	.19	
		2	Sometimes	9	30	641	33	3	14	1,595	30								
		3	Often	7	23	676	35	6	27	1,819	35								
		4	Very often	12	40	434	22	10	45	1,380	26								
		Total		30	100	1,931	100	22	100	5,249	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	0	0	41	2	0	0	146	3	3.0	3.0	.01	3.0	.00	3.0	.00	
		2	Sometimes	9	30	468	24	8	36	1,262	24								
		3	Often	12	40	885	46	6	27	2,266	43								
		4	Very often	9	30	534	28	8	36	1,567	30								
		Total		30	100	1,928	100	22	100	5,241	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	0	0	94	5	1	5	242	5	3.1	2.8	.28	2.6 *	.58	2.9	.20	
		2	Sometimes	8	27	617	32	11	50	1,548	30								
		3	Often	12	40	747	39	6	27	1,982	38								
		4	Very often	10	33	473	24	4	18	1,474	28								
		Total		30	100	1,931	100	22	100	5,246	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	4	13	238	12	2	9	582	11	2.9	2.5 *	.37	2.5	.32	2.6	.30	
		2	Sometimes	5	17	779	40	12	55	2,018	38								
		3	Often	12	40	572	30	2	9	1,607	31								
		4	Very often	9	30	340	18	6	27	1,040	20								
		Total		30	100	1,929	100	22	100	5,247	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	1	3	86	4	0	0	214	4	3.0	2.8	.23	3.2	-.28	2.8	.19	
		2	Sometimes	7	23	604	31	4	18	1,644	31								
		3	Often	14	47	872	45	10	45	2,295	44								
		4	Very often	8	27	364	19	8	36	1,087	21								
		Total		30	100	1,926	100	22	100	5,240	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	0	0	45	2	2	9	123	2	3.0	2.9	.03	2.9	.13	3.0	.01	
		2	Sometimes	8	27	492	26	5	23	1,328	25								
		3	Often	15	50	909	47	9	41	2,431	46								
		4	Very often	7	23	477	25	6	27	1,357	26								
		Total		30	100	1,923	100	22	100	5,239	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	27	1	0	0	72	1	3.1	3.0	.18	3.0	.14	3.0	.16	
		2	Sometimes	6	20	508	26	6	27	1,394	27								
		3	Often	15	50	894	47	10	45	2,345	45								
		4	Very often	9	30	493	26	6	27	1,427	27								
		Total		30	100	1,922	100	22	100	5,238	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	13	1	0	0	36	1	3.2	3.2	.04	3.3	-.08	3.2	.02	
		2	Sometimes	3	10	260	14	2	10	718	14								
		3	Often	17	57	974	51	11	52	2,552	49								
		4	Very often	10	33	678	35	8	38	1,923	37								
		Total		30	100	1,925	100	21	100	5,229	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	185	10	4	18	499	10	3.2	2.7 **	.61	2.4 **	.85	2.7 **	.61	
		2	Sometimes	7	24	717	37	9	41	1,964	38								
		3	Often	5	17	573	30	5	23	1,538	29								
		4	Very often	16	55	451	23	4	18	1,231	24								
		Total		29	100	1,926	100	22	100	5,232	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	3	10	645	34	6	27	1,698	32	2.8	2.2 ***	.62	2.3	.45	2.2 ***	.61	
		2	Sometimes	10	33	617	32	8	36	1,750	33								
		3	Often	7	23	379	20	3	14	1,025	20								
		4	Very often	10	33	283	15	5	23	768	15								
		Total		30	100	1,924	100	22	100	5,241	100								

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Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Mean		Effect size ⁿ	Mean	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	2	7	425	22	7	33	1,153	22	2.7	2.2 **	.57	2.1 *	.59	2.2 **	.53	
		2	Sometimes	12	40	883	46	7	33	2,296	44								
		3	Often	8	27	397	21	4	19	1,139	22								
		4	Very often	8	27	215	11	3	14	637	12								
		Total		30	100	1,920	100	21	100	5,225	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	3	10	386	20	6	27	1,010	19	2.9	2.2 ***	.71	2.2 *	.67	2.3 ***	.64	
		2	Sometimes	7	24	920	48	10	45	2,411	46								
		3	Often	10	34	413	21	2	9	1,172	22								
		4	Very often	9	31	207	11	4	18	641	12								
		Total		29	100	1,926	100	22	100	5,234	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	1	3	80	4	0	0	282	5	3.0	2.9	.08	3.3	-.34	2.9	.14	
		2	Some	8	27	474	25	3	14	1,375	26								
		3	Quite a bit	11	37	866	45	10	45	2,251	43								
		4	Very much	10	33	504	26	9	41	1,324	25								
		Total		30	100	1,924	100	22	100	5,232	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	44	2	1	5	119	2	3.3	3.0	.30	2.6 **	.80	3.1	.28	
		2	Some	4	13	397	21	11	50	1,072	20								
		3	Quite a bit	14	47	920	48	5	23	2,465	47								
		4	Very much	12	40	563	29	5	23	1,577	30								
		Total		30	100	1,924	100	22	100	5,233	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	68	4	1	5	186	4	3.2	2.9	.36	2.9	.41	3.0	.34	
		2	Some	5	17	487	25	6	29	1,261	24								
		3	Quite a bit	13	43	859	45	8	38	2,359	45								
		4	Very much	12	40	511	27	6	29	1,421	27								
		Total		30	100	1,925	100	21	100	5,227	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	3	97	5	1	5	230	4	3.1	2.9	.29	2.8	.35	2.9	.22	
		2	Some	6	20	546	28	6	29	1,353	26								
		3	Quite a bit	12	40	811	42	10	48	2,279	44								
		4	Very much	11	37	469	24	4	19	1,371	26								
		Total		30	100	1,923	100	21	100	5,233	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		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		
														Effect size ⁿ	Mean		Effect size ⁿ	Mean	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	3	92	5	0	0	216	4	3.1	2.8	.32	3.0	.12	2.9	.24	
		2	Some	6	20	558	29	6	30	1,363	26								
		3	Quite a bit	12	40	843	44	8	40	2,367	45								
		4	Very much	11	37	433	22	6	30	1,286	25								
		Total		30	100	1,926	100	20	100	5,232	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	25	1	1	5	79	2	3.3	3.1	.24	3.0	.33	3.1	.21	
		2	Some	4	13	338	18	4	19	905	17								
		3	Quite a bit	13	43	937	49	9	43	2,449	47								
		4	Very much	13	43	622	32	7	33	1,797	34								
		Total		30	100	1,922	100	21	100	5,230	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	56	3	2	10	163	3	3.2	3.0	.26	2.9	.40	3.1	.21	
		2	Some	5	17	372	19	4	19	951	18								
		3	Quite a bit	13	43	945	49	9	43	2,490	48								
		4	Very much	12	40	551	29	6	29	1,628	31								
		Total		30	100	1,924	100	21	100	5,232	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	3	33	2	1	5	110	2	3.3	3.1	.21	3.1	.23	3.1	.16	
		2	Some	2	7	383	20	2	10	917	18								
		3	Quite a bit	15	50	861	45	12	57	2,306	44								
		4	Very much	12	40	647	34	6	29	1,895	36								
		Total		30	100	1,924	100	21	100	5,228	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	7	203	11	1	5	513	10	3.0	2.7 *	.38	2.8	.25	2.7	.31	
		2	Some	6	20	614	32	7	33	1,565	30								
		3	Quite a bit	11	37	691	36	8	38	1,880	36								
		4	Very much	11	37	414	22	5	24	1,270	24								
		Total		30	100	1,922	100	21	100	5,228	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	0	0	156	8	1	5	386	7	3.4	2.7 ***	.76	3.2	.24	2.8 ***	.68	
		2	Some	3	10	625	32	2	10	1,591	30								
		3	Quite a bit	13	43	773	40	10	48	2,075	40								
		4	Very much	14	47	371	19	8	38	1,174	22								
		Total		30	100	1,925	100	21	100	5,226	100								

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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		Quality Assurance		NSSE 2018 & 2019		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		Mean	Effect size ⁿ	
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	4	13	190	10	3	14	528	10	2.6	2.6	.08	2.4	.27	2.6	.08	
		2	Sometimes	9	30	736	38	10	48	2,008	38								
		3	Often	11	37	715	37	5	24	1,912	37								
		4	Very often	6	20	280	15	3	14	774	15								
			Total	30	100	1,921	100	21	100	5,222	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	3	10	292	15	3	14	805	15	2.7	2.5	.26	2.3	.45	2.5	.24	
		2	Sometimes	9	31	725	38	11	52	1,937	37								
		3	Often	11	38	636	33	5	24	1,708	33								
		4	Very often	6	21	266	14	2	10	766	15								
			Total	29	100	1,919	100	21	100	5,216	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	6	21	244	13	3	14	733	14	2.4	2.5	-.04	2.5	-.03	2.5	.00	
		2	Sometimes	10	34	748	39	9	43	2,071	40								
		3	Often	7	24	681	36	5	24	1,727	33								
		4	Very often	6	21	244	13	4	19	678	13								
			Total	29	100	1,917	100	21	100	5,209	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	4	13	129	7	1	5	304	6	7.4	7.0	.07	5.8	.26	7.2	.03	
		1.5	1-2	5	17	390	20	6	29	995	19								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	7	23	577	30	6	29	1,565	30								
		8	6-10	5	17	404	21	5	24	1,138	22								
		13	11-15	5	17	192	10	2	10	558	11								
		18	16-20	2	7	94	5	0	0	285	5								
		23	More than 20	2	7	136	7	1	5	371	7								
			Total	30	100	1,922	100	21	100	5,216	100								
b. Between 6 and 10 pages	wrmednum	0	None	10	33	523	27	3	15	1,328	25	2.1	2.8	-.19	2.3	-.07	3.0	-.24	
		1.5	1-2	12	40	758	39	9	45	1,943	37								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	6	20	389	20	8	40	1,185	23								
		8	6-10	1	3	166	9	0	0	501	10								
		13	11-15	1	3	51	3	0	0	148	3								
		18	16-20	0	0	19	1	0	0	61	1								
		23	More than 20	0	0	15	1	0	0	49	1								
			Total	30	100	1,921	100	20	100	5,215	100								

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				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with					
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Effect size ⁿ		Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ⁿ	Effect size ⁿ					
c. 11 pages or more	wrlongnum	0	None	18	60	1,081	56	13	62	2,790	53	1.2	1.3	-.02	1.0	.10	1.5	-.07							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	8	27	635	33	6	29	1,769	34														
	4	3-5	3	10	119	6	1	5	397	8															
	8	6-10	0	0	51	3	1	5	124	2															
	13	11-15	1	3	19	1	0	0	65	1															
	18	16-20	0	0	3	0	0	0	24	0															
	23	More than 20	0	0	14	1	0	0	46	1															
	Total			30	100	1,922	100	21	100	5,215	100														
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									57.6	62.3	-.06	50.5	.12	67.4	-.12							
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	3	10	103	5	4	19	295	6	3.0	2.9	.07	2.5	.47	3.0	.05							
		2	Sometimes	4	13	572	30	8	38	1,467	28														
		3	Often	13	43	598	31	3	14	1,628	31														
		4	Very often	10	33	652	34	6	29	1,837	35														
			Total	30	100	1,925	100	21	100	5,227	100														
b. People from an economic background other than your own	DDeconomic	1	Never	2	7	76	4	3	14	212	4	3.1	3.0	.05	2.6	.53	3.0	.05							
		2	Sometimes	4	13	462	24	8	38	1,264	24														
		3	Often	14	47	721	37	5	24	1,947	37														
		4	Very often	10	33	665	35	5	24	1,796	34														
	Total	30	100	1,924	100	21	100	5,219	100																
c. People with religious beliefs other than your own	DDreligion	1	Never	2	7	111	6	3	14	358	7	3.0	2.9	.03	2.7	.26	2.9	.09							
		2	Sometimes	5	17	528	27	7	33	1,511	29														
		3	Often	15	50	652	34	4	19	1,718	33														
		4	Very often	8	27	630	33	7	33	1,634	31														
	Total	30	100	1,921	100	21	100	5,221	100																
d. People with political views other than your own	DDpolitical	1	Never	1	3	108	6	1	5	330	6	3.1	2.9	.18	2.9	.24	2.9	.24							
		2	Sometimes	4	13	530	28	6	29	1,586	30														
		3	Often	16	53	654	34	8	38	1,715	33														
		4	Very often	9	30	632	33	6	29	1,595	31														
	Total	30	100	1,924	100	21	100	5,226	100																

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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				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean								
9. During the current school year, about how often have you done the following?																									
a. Identified key information from reading assignments	LSreading	1	Never	1	3	43	2	0	0	107	2	3.2	3.0	.19	3.0	.22	3.1	.11							
		2	Sometimes	4	13	433	23	5	24	1,070	20														
		3	Often	14	47	892	46	11	52	2,341	45														
		4	Very often	11	37	555	29	5	24	1,707	33														
		Total		30	100	1,923	100	21	100	5,225	100														
b. Reviewed your notes after class	LSnotes	1	Never	1	3	138	7	1	5	383	7	3.1	2.8	.31	3.0	.13	2.8	.27							
		2	Sometimes	7	23	645	34	6	29	1,654	32														
		3	Often	11	37	642	33	7	33	1,728	33														
		4	Very often	11	37	497	26	7	33	1,458	28														
		Total		30	100	1,922	100	21	100	5,223	100														
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	3	135	7	2	10	355	7	3.0	2.7	.32	2.9	.20	2.8	.26							
		2	Sometimes	6	20	661	34	6	29	1,669	32														
		3	Often	14	47	680	35	6	29	1,888	36														
		4	Very often	9	30	449	23	7	33	1,316	25														
		Total		30	100	1,925	100	21	100	5,228	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	14	1	0	0	39	1	5.7	5.5	.22	5.6	.14	5.6	.14							
		2		1	3	24	1	0	0	62	1														
		3		0	0	69	4	0	0	166	3														
		4		2	7	228	12	5	24	569	11														
		5		9	30	647	34	6	29	1,628	31														
		6		9	30	485	25	3	14	1,338	26														
		7	Very much	9	30	451	24	7	33	1,405	27														
		Total		30	100	1,918	100	21	100	5,207	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		0	0	118	6	2	10	376	7	57%	59%	-.06	33%	.47	56%	.02							
		Do not plan to do		5	17	223	12	2	10	556	11														
		Plan to do		8	27	440	23	10	48	1,377	26														
		Done or in progress		17	57	1,143	59	7	33	2,921	56														
		Total		30	100	1,924	100	21	100	5,230	100														

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			Frequency Distributions								Statistical Comparisons ^k							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name ^l	Values ^m	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
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	2	7	178	9	4	19	552	11	60%	46%	.29	48%	.25	43%	.34	
		Do not plan to do	10	33	718	37	6	29	2,021	39								
		Plan to do	0	0	147	8	1	5	391	7								
		Done or in progress	18	60	881	46	10	48	2,260	43								
		Total	30	100	1,924	100	21	100	5,224	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	4	13	207	11	3	14	718	14	30%	25%	.11	29%	.03	26%	.08	
		Do not plan to do	16	53	1,068	56	9	43	2,627	50								
		Plan to do	1	3	164	9	3	14	506	10								
		Done or in progress	9	30	484	25	6	29	1,370	26								
		Total	30	100	1,923	100	21	100	5,221	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	10	169	9	3	14	526	10	24%	22%	.06	14%	.25	19%	.12	
		Do not plan to do	18	62	1,221	63	12	57	3,336	64								
		Plan to do	1	3	119	6	3	14	351	7								
		Done or in progress	7	24	414	22	3	14	1,011	19								
		Total	29	100	1,923	100	21	100	5,224	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	7	23	249	13	4	19	745	14	37%	29%	.16	33%	.07	29%	.17	
		Do not plan to do	11	37	888	46	8	38	2,344	45								
		Plan to do	1	3	230	12	2	10	637	12								
		Done or in progress	11	37	557	29	7	33	1,495	29								
		Total	30	100	1,924	100	21	100	5,221	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	1	3	162	8	4	19	477	9	63%	46%	.35	38%	.51	47%	.33	
		Do not plan to do	5	17	520	27	4	19	1,204	23								
		Plan to do	5	17	354	18	5	24	1,085	21								
		Done or in progress	19	63	886	46	8	38	2,451	47								
		Total	30	100	1,922	100	21	100	5,217	100								

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

servcourse	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ
1 None	8	27	593	31	7	33	1,369	26	1.9	1.8
2 Some	18	60	1,135	59	9	43	3,087	59		
3 Most	4	13	160	8	3	14	667	13		
4 All	0	0	34	2	2	10	101	2		
Total	30	100	1,922	100	21	100	5,224	100		

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		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		Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	17	1	1	5	49	1	5.9	5.6	.29	5.6	.27	5.6	.27	
		2		0	0	27	1	0	0	66	1								
		3		2	7	82	4	1	5	208	4								
		4		2	7	209	11	0	0	532	10								
		5		4	13	508	26	8	38	1,410	27								
		6		9	30	539	28	4	19	1,450	28								
		7	Excellent	12	40	530	28	7	33	1,477	28								
		—	Not applicable	1	3	13	1	0	0	36	1								
		Total		30	100	1,925	100	21	100	5,228	100								
b. Academic advisors	QIadvisor	1	Poor	0	0	75	4	1	5	170	3	6.4	5.3 ***	.61	5.2 *	.86	5.4 ***	.57	
		2		0	0	94	5	0	0	216	4								
		3		0	0	123	6	3	14	333	6								
		4		1	3	218	11	3	14	565	11								
		5		4	13	348	18	4	19	953	18								
		6		8	27	419	22	2	10	1,134	22								
		7	Excellent	17	57	641	33	8	38	1,813	35								
		—	Not applicable	0	0	7	0	0	0	41	1								
		Total		30	100	1,925	100	21	100	5,225	100								
c. Faculty	QIfaculty	1	Poor	0	0	18	1	3	14	55	1	6.1	5.5 *	.45	5.2	.55	5.6 *	.39	
		2		1	3	28	1	0	0	69	1								
		3		0	0	95	5	0	0	224	4								
		4		2	7	222	12	2	10	573	11								
		5		4	13	502	26	5	24	1,281	25								
		6		9	30	584	30	4	19	1,577	30								
		7	Excellent	14	47	467	24	7	33	1,415	27								
		—	Not applicable	0	0	8	0	0	0	30	1								
		Total		30	100	1,924	100	21	100	5,224	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		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		Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	3	65	3	5	24	185	4	5.5	5.0	.31	3.8 **	.92	5.0	.31	
		2		0	0	69	4	0	0	194	4								
		3		2	7	130	7	2	10	386	7								
		4		3	10	275	14	3	14	680	13								
		5		4	13	402	21	2	10	1,080	21								
		6		7	23	354	18	3	14	980	19								
		7	Excellent	9	30	360	19	2	10	982	19								
		—	Not applicable	4	13	267	14	4	19	735	14								
	Total			30	100	1,922	100	21	100	5,222	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	69	4	7	33	199	4	5.4	5.0	.31	3.9 *	.84	5.0	.27	
		2		1	3	90	5	0	0	237	5								
		3		1	3	149	8	1	5	392	8								
		4		4	13	326	17	3	14	833	16								
		5		9	30	413	21	4	19	1,168	22								
		6		6	20	404	21	2	10	1,107	21								
		7	Excellent	8	27	345	18	4	19	1,032	20								
		—	Not applicable	1	3	129	7	0	0	258	5								
	Total			30	100	1,925	100	21	100	5,226	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	23	1	1	5	80	2	3.0	3.1	-.18	3.0	.06	3.1	-.16	
		2	Some	6	20	354	18	6	29	983	19								
		3	Quite a bit	15	50	892	46	7	33	2,400	46								
		4	Very much	8	27	655	34	7	33	1,759	34								
			Total			30	100	1,924	100	21	100								5,222
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	69	4	2	10	190	4	3.1	3.0	.19	2.9	.26	3.0	.15	
		2	Some	7	23	438	23	5	24	1,133	22								
		3	Quite a bit	12	40	871	45	7	33	2,311	44								
		4	Very much	11	37	541	28	7	33	1,574	30								
			Total			30	100	1,919	100	21	100								5,208
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	7	127	7	2	10	339	6	2.8	2.9	-.14	3.1	-.35	2.9	-.19	
		2	Some	10	33	496	26	3	14	1,232	24								
		3	Quite a bit	11	37	766	40	7	33	2,073	40								
		4	Very much	7	23	533	28	9	43	1,582	30								
			Total			30	100	1,922	100	21	100								5,226

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		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
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	2	7	277	14	3	14	713	14	2.8	2.6	.18	2.9	-.10	2.6	.16
		2	Some	7	23	626	33	4	19	1,671	32							
		3	Quite a bit	17	57	623	32	7	33	1,734	33							
		4	Very much	4	13	391	20	7	33	1,088	21							
		Total		30	100	1,917	100	21	100	5,206	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	0	0	120	6	0	0	314	6	3.2	2.9 *	.37	3.1	.14	2.9 *	.37
		2	Some	4	13	474	25	3	14	1,302	25							
		3	Quite a bit	15	50	786	41	12	57	2,156	41							
		4	Very much	11	37	541	28	6	29	1,448	28							
		Total		30	100	1,921	100	21	100	5,220	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	3	160	8	1	5	461	9	2.7	2.9	-.17	3.0	-.34	2.8	-.12
		2	Some	11	38	462	24	4	19	1,343	26							
		3	Quite a bit	12	41	744	39	10	48	1,983	38							
		4	Very much	5	17	551	29	6	29	1,430	27							
		Total		29	100	1,917	100	21	100	5,217	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	8	27	620	32	5	24	1,634	31	2.0	2.1	-.08	2.4	-.47	2.1	-.10
		2	Some	14	47	736	38	7	33	1,970	38							
		3	Quite a bit	8	27	372	19	4	19	1,069	20							
		4	Very much	0	0	195	10	5	24	542	10							
		Total		30	100	1,923	100	21	100	5,215	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	0	0	192	10	3	14	668	13	2.9	2.7	.15	2.8	.06	2.6	.24
		2	Some	11	37	563	29	4	19	1,597	31							
		3	Quite a bit	12	40	731	38	8	38	1,879	36							
		4	Very much	7	23	428	22	6	29	1,065	20							
		Total		30	100	1,914	100	21	100	5,209	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	5	17	326	17	4	19	939	18	2.3	2.4	-.04	2.7	-.34	2.4	-.05
		2	Some	14	47	783	41	4	19	2,013	39							
		3	Quite a bit	7	23	581	30	8	38	1,593	31							
		4	Very much	4	13	228	12	5	24	668	13							
		Total		30	100	1,918	100	21	100	5,213	100							

NSSE 2019 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				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with																		
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019												
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	Mean	Effect size ⁿ	Mean	Effect size ⁿ														
15. About how many hours do you spend in a typical 7-day week doing the following?																																						
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 5 7 8 5 2 1 2	0 17 23 27 17 7 3 7	7 287 453 369 351 221 107 124	0 15 24 19 18 12 6 6	0 6 6 5 3 1 0 0	0 29 29 24 14 5 5 0 0	15 739 1,253 1,028 958 567 313 337	0 14 24 20 18 11 6 6	13.5	14.5	-.11	9.9	.48	14.5	-.12																				
Total				30	100	1,919	100	21	100	5,210	100																											
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	6 8 6 3 2 2 1	20 27 20 10 7 7 3	609 644 322 170 86 51 15 24	32 34 17 9 4 3 1 1	7 11 2 0 0 0 0 1	33 52 10 0 0 0 0 5	1,857 1,704 779 381 250 129 38 78	36 33 15 7 5 2 1 1								9.4	5.5 *	.56	3.9 *	.63	5.3 *	.60													
Total				30	100	1,921	100	21	100	5,216	100																											
c. Working for pay on campus	tmworkonhrs <i>(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	20 1 7 1 0 1 0 0	67 3 23 3 0 3 0 0	1,191 83 163 178 182 57 26 38	62 4 8 9 9 3 1 2	13 5 0 2 1 0 0 0	62 24 0 10 5 0 0 0	3,428 258 476 411 406 114 46 69	66 5 9 8 8 2 1 1															3.2	5.4 *	-.27	2.8	.07	4.5	-.18						
Total				30	100	1,918	100	21	100	5,208	100																											

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		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			
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	9	30	852	44	8	38	2,124	41	14.4	10.6	.32	10.4	.32	11.8	.21
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	7	105	5	4	19	290	6							
	8	6-10 hrs	0	0	135	7	1	5	382	7								
	13	11-15 hrs	4	13	161	8	1	5	406	8								
	18	16-20 hrs	7	23	198	10	1	5	542	10								
	23	21-25 hrs	1	3	154	8	2	10	440	8								
	28	26-30 hrs	1	3	96	5	2	10	306	6								
	33	More than 30 hrs	6	20	216	11	2	10	720	14								
Total				30	100	1,917	100	21	100	5,210	100							
Estimated number of hours working for pay	tmworkhrs	(Continuous variable created by NSSE)										17.6	16.0	.13	13.2	.32	16.3	.11
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	10	33	768	40	9	45	2,063	40	4.0	3.6	.08	3.9	.02	3.7	.05
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	43	816	42	8	40	2,180	42							
	8	6-10 hrs	4	13	178	9	1	5	515	10								
	13	11-15 hrs	2	7	71	4	1	5	199	4								
	18	16-20 hrs	0	0	39	2	0	0	107	2								
	23	21-25 hrs	1	3	23	1	0	0	56	1								
	28	26-30 hrs	0	0	7	0	0	0	34	1								
	33	More than 30 hrs	0	0	20	1	1	5	62	1								
Total				30	100	1,922	100	20	100	5,216	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	40	2	1	5	117	2	11.6	10.8	.10	10.5	.12	10.4	.16
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	27	522	27	6	29	1,534	29							
	8	6-10 hrs	9	30	549	29	6	29	1,504	29								
	13	11-15 hrs	5	17	377	20	2	10	953	18								
	18	16-20 hrs	2	7	222	12	4	19	583	11								
	23	21-25 hrs	1	3	90	5	1	5	222	4								
	28	26-30 hrs	1	3	45	2	0	0	103	2								
	33	More than 30 hrs	3	10	75	4	1	5	195	4								
Total				30	100	1,920	100	21	100	5,211	100							

NSSE 2019 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				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with					
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Effect size ⁿ		Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ⁿ	Effect size ⁿ					
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	23	77	1,461	76	9	43	3,658	70	3.5	3.5	.00	6.0	-.27	4.7	-.12							
		3	1-5 hrs	2	7	175	9	5	24	539	10														
		8	6-10 hrs	2	7	60	3	4	19	216	4														
		13	11-15 hrs	0	0	45	2	1	5	143	3														
		18	16-20 hrs	1	3	23	1	0	0	89	2														
		23	21-25 hrs	0	0	26	1	0	0	58	1														
		28	26-30 hrs	0	0	8	0	0	0	33	1														
		33	More than 30 hrs	2	7	119	6	2	10	474	9														
			Total	30	100	1,917	100	21	100	5,210	100														
	h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	7	23	247	13	2	10	951										18	4.8	5.2	-.06	8.2
		3	1-5 hrs	14	47	1,169	61	13	62	2,841	55														
		8	6-10 hrs	7	23	290	15	2	10	810	16														
		13	11-15 hrs	1	3	108	6	0	0	290	6														
		18	16-20 hrs	0	0	36	2	1	5	107	2														
		23	21-25 hrs	0	0	19	1	0	0	55	1														
		28	26-30 hrs	0	0	9	0	0	0	37	1														
		33	More than 30 hrs	1	3	42	2	3	14	121	2														
		Total	30	100	1,920	100	21	100	5,212	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	17	379	20	6	29	870	17	2.6	2.5	.13	2.3	.30	2.7	-.02							
		2	Some	9	30	714	37	8	38	1,704	33														
		3	About half	9	30	447	23	4	19	1,352	26														
		4	Most	6	20	278	14	1	5	947	18														
		5	Almost all	1	3	104	5	2	10	345	7														
			Total	30	100	1,922	100	21	100	5,218	100														
	tmreadinghrs											6.1	5.8	.06	3.7	.53	6.5	-.06							
		<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>																							

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		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		Mean	Effect size ⁿ	
	tmreadinghrscol	1	0 hrs	0	0	7	0	0	0	15	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	13	43	1,099	57	15	71	2,741	53								
		3	More than 5, up to 10 hrs	11	37	501	26	5	24	1,388	27								
		4	More than 10, up to 15 hrs	3	10	164	9	1	5	532	10								
		5	More than 15, up to 20 hrs	3	10	83	4	0	0	273	5								
		6	More than 20, up to 25 hrs	0	0	42	2	0	0	169	3								
		7	More than 25 hrs	0	0	20	1	0	0	76	1								
			Total	30	100	1,916	100	21	100	5,194	100								

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

a. Writing clearly and effectively	pgwrite	1	Very little	1	3	88	5	3	14	232	4	3.3	▲	3.0 *	.43	▲	2.6 *	.77	▲	3.0 *	.37
		2	Some	4	14	463	24	6	29	1,189	23										
		3	Quite a bit	9	31	817	43	8	38	2,130	41										
		4	Very much	15	52	547	29	4	19	1,647	32										
			Total	29	100	1,915	100	21	100	5,198	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	1	3	140	7	2	10	334	6	3.3	▲	2.9 *	.42	2.9	.47	▲	2.9 *	.38	
		2	Some	3	10	477	25	6	29	1,241	24										
		3	Quite a bit	12	41	749	39	6	29	2,071	40										
		4	Very much	13	45	555	29	7	33	1,577	30										
			Total	29	100	1,921	100	21	100	5,223	100										
c. Thinking critically and analytically	pgthink	1	Very little	0	0	40	2	1	5	107	2	3.5	3.3	.29	3.0	.55	3.3	.29			
		2	Some	2	7	238	12	6	29	656	13										
		3	Quite a bit	11	38	810	42	5	24	2,193	42										
		4	Very much	16	55	832	43	9	43	2,265	43										
			Total	29	100	1,920	100	21	100	5,221	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	1	3	126	7	4	19	418	8	3.1	2.9	.26	2.6	.53	2.8	.31			
		2	Some	7	24	518	27	7	33	1,498	29										
		3	Quite a bit	9	31	756	39	4	19	1,899	36										
		4	Very much	12	41	521	27	6	29	1,400	27										
			Total	29	100	1,921	100	21	100	5,215	100										

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		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	
														Effect size ⁿ	Mean		Effect size ⁿ	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	3	127	7	1	5	322	6	3.3	3.0	.36	2.9	.46	3.0	.35
		2	Some	4	14	430	22	7	33	1,183	23							
		3	Quite a bit	9	31	709	37	6	29	1,931	37							
		4	Very much	15	52	657	34	7	33	1,783	34							
		Total		29	100	1,923	100	21	100	5,219	100							
f. Working effectively with others	pgothers	1	Very little	0	0	80	4	0	0	198	4	3.3	3.0	.35	3.2	.20	3.1	.30
		2	Some	3	10	418	22	5	24	1,012	19							
		3	Quite a bit	14	47	779	41	7	33	2,155	41							
		4	Very much	13	43	646	34	9	43	1,853	36							
		Total		30	100	1,923	100	21	100	5,218	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	1	3	207	11	3	14	456	9	3.2	2.8 *	.42	2.8	.43	2.9	.35
		2	Some	4	13	504	26	4	19	1,301	25							
		3	Quite a bit	13	43	679	35	8	38	1,904	36							
		4	Very much	12	40	529	28	6	29	1,556	30							
		Total		30	100	1,919	100	21	100	5,217	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	3	173	9	2	10	442	8	3.1	2.8	.33	3.0	.20	2.9	.29
		2	Some	5	17	504	26	5	25	1,349	26							
		3	Quite a bit	13	43	718	37	5	25	1,893	36							
		4	Very much	11	37	523	27	8	40	1,519	29							
		Total		30	100	1,918	100	20	100	5,203	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	0	0	138	7	1	5	358	7	3.2	2.9 *	.38	2.8	.46	2.9 *	.37
		2	Some	7	23	530	28	8	38	1,426	27							
		3	Quite a bit	10	33	725	38	6	29	1,997	38							
		4	Very much	13	43	528	27	6	29	1,437	28							
		Total		30	100	1,921	100	21	100	5,218	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	1	3	221	11	2	10	528	10	3.0	2.7	.34	3.0	.09	2.8	.29
		2	Some	7	23	582	30	5	24	1,532	29							
		3	Quite a bit	12	40	662	34	6	29	1,827	35							
		4	Very much	10	33	460	24	8	38	1,330	25							
		Total		30	100	1,925	100	21	100	5,217	100							

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Carnegie Class		Quality Assurance		NSSE 2018 & 2019			
														Effect size ⁿ	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
18. How would you evaluate your entire educational experience at this institution?																					
	evalexp	1	Poor	0	0	20	1	0	0	78	1	3.6	▲	3.3 *	.37	▲	3.1 *	.69	▲	3.3 *	.37
		2	Fair	1	3	199	10	6	29	555	11										
		3	Good	11	37	877	45	7	33	2,297	44										
		4	Excellent	18	60	834	43	8	38	2,304	44										
			Total	30	100	1,930	100	21	100	5,234	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	63	3	1	5	186	4	3.6	3.3	.28	3.2	.44	3.3	.34			
		2	Probably no	3	10	188	10	3	14	604	12										
		3	Probably yes	7	23	695	36	8	36	1,929	37										
		4	Definitely yes	20	67	986	51	10	45	2,528	48										
			Total	30	100	1,932	100	22	100	5,247	100										

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	26	90	1,113	82	17	85	3,159	79	27	90	1,641	85	19	86	4,344	83
		More than one	3	10	237	18	3	15	816	21	3	10	286	15	3	14	895	17
Total			29	100	1,350	100	20	100	3,975	100	30	100	1,927	100	22	100	5,239	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 <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	8	1	0	0	35	1	0	0	14	1	0	0	34	1
		Biological Sci., Agriculture, & Natural Resources	10	34	385	28	7	35	1,232	31	8	27	613	32	2	9	1,629	31
		Physical Sci., Mathematics, & Computer Science	0	0	4	0	0	0	13	0	0	0	0	0	0	0	9	0
		Social Sciences	0	0	18	1	0	0	71	2	0	0	26	1	1	5	79	2
		Business	0	0	7	1	0	0	33	1	0	0	11	1	0	0	50	1
		Communications, Media, & Public Relations	0	0	4	0	0	0	11	0	0	0	2	0	0	0	11	0
		Education	0	0	8	1	0	0	18	0	1	3	2	0	0	0	23	0
		Engineering	0	0	2	0	0	0	4	0	0	0	10	1	0	0	16	0
		Health Professions	9	31	788	58	11	55	2,091	52	8	27	896	46	14	64	2,401	46
		Social Service Professions	0	0	1	0	0	0	9	0	0	0	4	0	0	0	12	0
		All Other	10	34	132	10	2	10	479	12	13	43	357	18	5	23	997	19
		Undecided, Undeclared	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0
		Total	29	100	1,357	100	20	100	3,999	100	30	100	1,935	100	22	100	5,262	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 <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	1	33	22	9	0	0	67	8	0	0	13	5	0	0	53	6
		Biological Sci., Agriculture, & Natural Resources	1	33	69	29	0	0	277	34	1	33	94	33	0	0	299	34
		Physical Sci., Mathematics, & Computer Science	0	0	5	2	0	0	11	1	0	0	2	1	0	0	13	1
		Social Sciences	0	0	19	8	0	0	74	9	0	0	24	9	0	0	79	9
		Business	0	0	15	6	0	0	42	5	0	0	17	6	0	0	37	4
		Communications, Media, & Public Relations	0	0	4	2	1	33	9	1	0	0	6	2	0	0	13	1
		Education	0	0	7	3	0	0	22	3	0	0	15	5	1	33	33	4
		Engineering	0	0	1	0	0	0	2	0	0	0	1	0	0	0	2	0
		Health Professions	1	33	73	31	2	67	223	27	2	67	74	26	1	33	218	25
		Social Service Professions	0	0	2	1	0	0	14	2	0	0	0	0	0	0	13	1
		All Other	0	0	14	6	0	0	58	7	0	0	32	11	1	33	110	12
		Undecided, Undeclared	0	0	5	2	0	0	13	2	0	0	4	1	0	0	17	2
		Total	3	100	236	100	3	100	812	100	3	100	282	100	3	100	887	100
22. What is your class level?	class	Freshman/First-year	23	82	1,215	91	14	74	3,466	88	0	0	6	0	0	0	20	0
		Sophomore	4	14	98	7	5	26	405	10	0	0	14	1	0	0	32	1
		Junior	0	0	23	2	0	0	53	1	1	3	173	9	0	0	394	8
		Senior	1	4	0	0	0	0	8	0	28	93	1,693	88	21	100	4,652	89
		Unclassified	0	0	4	0	0	0	18	0	1	3	33	2	0	0	109	2
		Total	28	100	1,340	100	19	100	3,950	100	30	100	1,919	100	21	100	5,207	100

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	22	2	0	0	90	2	3	10	278	15	1	5	783	15
		Yes	28	100	1,313	98	18	100	3,839	98	27	90	1,635	85	19	95	4,404	85
		Total	28	100	1,335	100	18	100	3,929	100	30	100	1,913	100	20	100	5,187	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	4	0	0	0	17	0	0	0	33	2	0	0	112	2
		1	0	0	2	0	0	0	19	0	3	10	45	2	1	5	157	3
		2	0	0	5	0	0	0	63	2	2	7	86	4	1	5	364	7
		3	0	0	26	2	0	0	148	4	2	7	151	8	2	10	495	10
		4	1	4	313	23	4	22	896	23	8	27	561	29	5	24	1,447	28
		5	13	46	530	40	3	17	1,484	38	10	33	588	31	7	33	1,483	28
		6	9	32	289	22	6	33	814	21	2	7	239	12	4	19	619	12
		7 or more	5	18	171	13	5	28	508	13	3	10	215	11	1	5	531	10
		Total	28	100	1,340	100	18	100	3,949	100	30	100	1,918	100	21	100	5,208	100
b. Of these, how many are entirely online ?	onlinenum	0	14	50	995	74	15	83	3,030	77	12	41	1,042	54	10	48	2,980	57
		1	9	32	237	18	1	6	590	15	13	45	490	26	6	29	1,170	23
		2	4	14	73	5	0	0	212	5	2	7	210	11	3	14	587	11
		3	0	0	16	1	2	11	56	1	0	0	79	4	1	5	211	4
		4	1	4	9	1	0	0	26	1	1	3	51	3	0	0	118	2
		5	0	0	2	0	0	0	6	0	0	0	20	1	0	0	50	1
		6	0	0	2	0	0	0	4	0	1	3	11	1	1	5	34	1
		7 or more	0	0	2	0	0	0	11	0	0	0	11	1	0	0	38	1
		Total	28	100	1,336	100	18	100	3,935	100	29	100	1,914	100	21	100	5,188	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecscol	No courses taken online	14	50	995	74	15	83	3,030	77	12	41	1,042	54	10	48	2,980	57
		Some courses taken online	14	50	324	24	3	17	805	20	12	41	713	37	9	43	1,675	32
		All courses taken online	0	0	17	1	0	0	100	3	5	17	159	8	2	10	532	10
		Total	28	100	1,336	100	18	100	3,935	100	29	100	1,914	100	21	100	5,187	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	15	1	0	0	55	1	0	0	5	0	0	0	18	0
		C	1	4	27	2	0	0	88	2	1	3	32	2	1	5	86	2
		C+	1	4	46	3	0	0	161	4	0	0	65	3	0	0	192	4
		B-	1	4	79	6	3	17	257	7	1	3	122	6	2	10	329	6
		B	3	11	214	16	2	11	638	16	4	14	335	17	2	10	908	17
		B+	6	21	211	16	4	22	704	18	7	24	330	17	8	38	883	17
		A-	5	18	294	22	2	11	833	21	6	21	401	21	0	0	1,103	21
		A	11	39	451	34	7	39	1,198	30	10	34	626	33	8	38	1,685	32
		Total	28	100	1,337	100	18	100	3,934	100	29	100	1,916	100	21	100	5,204	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	25	89	1,236	93	15	83	3,604	92	18	64	1,144	60	11	52	2,925	56
		Started elsewhere	3	11	98	7	3	17	330	8	10	36	769	40	10	48	2,271	44
		Total	28	100	1,334	100	18	100	3,934	100	28	100	1,913	100	21	100	5,196	100

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
27. Since graduating from 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_voc	Vocational or technical school	1	4	21	2	0	0	101	3	4	14	111	6	1	5	334	6
	attend_com	Community or junior college	4	14	142	11	1	6	381	10	11	38	818	43	10	48	2,168	42
	attend_col	4-year college or university other than this one	1	4	97	7	4	22	299	8	6	21	491	26	7	33	1,421	27
	attend_none	None	21	75	1,059	80	13	72	3,103	79	14	48	779	41	6	29	2,072	40
	attend_other	Other	1	4	35	3	0	0	116	3	0	0	59	3	1	5	166	3
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	1	4	73	5	1	6	294	7	2	7	102	5	2	10	330	6
		Bachelor's degree (B.A., B.S., etc.)	17	61	389	29	2	11	1,208	31	7	24	600	31	3	14	1,693	33
		Master's degree (M.A., M.S., etc.)	5	18	356	27	10	56	1,188	30	14	48	696	36	11	52	2,061	40
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	5	18	515	39	5	28	1,233	31	6	21	515	27	5	24	1,111	21
		Total	28	100	1,333	100	18	100	3,923	100	29	100	1,913	100	21	100	5,195	100
29. 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	32	2	0	0	115	3	1	3	67	4	4	19	228	4
		High school diploma or G.E.D.	8	29	159	12	3	17	553	14	7	24	245	13	3	14	828	16
		Attended college, but did not complete degree	2	7	122	9	1	6	430	11	1	3	186	10	2	10	560	11
		Associate's degree (A.A., A.S., etc.)	4	14	125	9	3	17	416	11	2	7	160	8	2	10	568	11
		Bachelor's degree (B.A., B.S., etc.)	10	36	444	33	5	28	1,258	32	11	38	635	33	5	24	1,611	31
		Master's degree (M.A., M.S., etc.)	3	11	305	23	5	28	823	21	5	17	430	23	5	24	1,004	19
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	4	141	11	1	6	324	8	2	7	186	10	0	0	382	7
		Total	28	100	1,328	100	18	100	3,919	100	29	100	1,909	100	21	100	5,181	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	14	50	890	67	11	61	2,405	61	18	62	1,251	66	10	48	2,997	58
		First-generation	14	50	438	33	7	39	1,514	39	11	38	658	34	11	52	2,184	42
		Total	28	100	1,328	100	18	100	3,919	100	29	100	1,909	100	21	100	5,181	100
30. What is your gender identity?	genderid	Man	5	18	252	19	1	6	728	19	5	17	447	23	1	5	1,080	21
		Woman	23	82	1,069	80	17	94	3,136	80	24	83	1,431	75	20	95	4,018	77
		Another gender identity	0	0	5	0	0	0	34	1	0	0	12	1	0	0	31	1
		I prefer not to respond	0	0	8	1	0	0	33	1	0	0	20	1	0	0	59	1
		Total	28	100	1,334	100	18	100	3,931	100	29	100	1,910	100	21	100	5,188	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	26	93	1,263	95	16	89	3,582	92	0	0	10	1	0	0	23	0
		20-23	1	4	43	3	2	11	197	5	22	76	1,439	75	16	76	3,558	69
		24-29	1	4	11	1	0	0	58	1	4	14	242	13	3	14	854	17
		30-39	0	0	7	1	0	0	38	1	2	7	127	7	1	5	403	8
		40-55	0	0	1	0	0	0	28	1	1	3	78	4	1	5	283	5
		Over 55	0	0	1	0	0	0	6	0	0	0	11	1	0	0	38	1
		Total	28	100	1,326	100	18	100	3,909	100	29	100	1,907	100	21	100	5,159	100

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32a. Are you an international student? [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	internat	No	27	96	1,292	97	18	100	3,809	97	28	97	1,861	97	21	100	5,063	98
		Yes	1	4	36	3	0	0	108	3	1	3	48	3	0	0	117	2
		Total	28	100	1,328	100	18	100	3,917	100	29	100	1,909	100	21	100	5,180	100
	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	5	15	0	0	13	14	0	0	2	5	0	0	5	5
		Asia	1	100	15	45	0	0	30	32	1	100	30	70	0	0	55	54
		Canada	0	0	2	6	0	0	4	4	0	0	1	2	0	0	5	5
		Europe	0	0	5	15	0	0	23	24	0	0	1	2	0	0	5	5
		Latin America and Caribbean	0	0	4	12	0	0	18	19	0	0	4	9	0	0	14	14
		Middle East and North Africa	0	0	2	6	0	0	4	4	0	0	4	9	0	0	14	14
		Oceania	0	0	0	0	0	0	3	3	0	0	1	2	0	0	4	4
Unknown region/uncoded		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	100	33	100	0	0	95	100	1	100	43	100	0	0	102	100		
33. How would you describe yourself? (Select all that apply.) Racial or ethnic identification	re_amind	American Indian or Alaska Native	0	0	31	2	0	0	92	2	1	3	40	2	0	0	111	2
		Asian	1	4	99	7	2	11	212	5	1	3	133	7	0	0	295	6
	re_black	Black or African American	0	0	71	5	10	56	338	9	0	0	99	5	5	25	389	8
		Hispanic or Latina/o	0	0	126	10	1	6	474	12	0	0	175	9	2	10	530	10
	re_mena	Middle Eastern or N. African (2019)	0	0	10	1	0	0	18	1	0	0	8	1	0	0	24	1
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	8	1	0	0	51	1	1	3	10	1	0	0	51	1
	re_white	White	27	96	1,083	82	7	39	3,016	77	28	97	1,523	80	13	65	3,981	77
	re_another	Another race or ethnicity (2019)	0	0	10	1	0	0	27	1	0	0	17	1	0	0	41	1
	re_other	Other (2018)	0	0	5	2	1	20	22	2	0	0	6	1	0	0	27	2
	re_pnr	I prefer not to respond	0	0	22	2	0	0	80	2	0	0	54	3	0	0	150	3
	re_all19 (Items re_amind to re_pnr recoded where each student is represented only once)	American Indian or Alaska Native	0	0	5	0	0	0	21	1	0	0	11	1	0	0	35	1
		Asian	1	4	67	5	0	0	127	3	0	0	97	5	0	0	201	4
		Black or African American	0	0	47	4	9	50	250	6	0	0	80	4	5	25	321	6
		Hispanic or Latina/o	0	0	70	5	0	0	308	8	0	0	110	6	2	10	364	7
		Middle Eastern or N. African (2019)	0	0	7	1	0	0	9	0	0	0	7	0	0	0	16	0
		Native Hawaiian/Other Pac. Islander	0	0	3	0	0	0	15	0	0	0	3	0	0	0	18	0
		White	27	96	972	74	5	28	2,714	70	27	93	1,392	73	13	65	3,671	71
Another race or ethnicity (2019)		0	0	2	0	0	0	11	0	0	0	8	0	0	0	22	0	
Other (2018)		0	0	3	0	1	6	11	0	0	0	2	0	0	0	15	0	
Multiracial	0	0	124	9	3	17	359	9	2	7	142	7	0	0	365	7		
I prefer not to respond	0	0	22	2	0	0	80	2	0	0	54	3	0	0	150	3		
Total	28	100	1,322	100	18	100	3,905	100	29	100	1,906	100	20	100	5,178	100		
34. Are you a member of a social fraternity or sorority?	greek	No	24	89	1,079	81	18	100	3,429	87	25	86	1,569	82	16	76	4,463	86
		Yes	3	11	253	19	0	0	493	13	4	14	342	18	5	24	721	14
		Total	27	100	1,332	100	18	100	3,922	100	29	100	1,911	100	21	100	5,184	100

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	13	46	1,014	77	15	83	2,851	73	3	10	157	8	3	15	648	13
		Fraternity or sorority house	0	0	41	3	0	0	56	1	0	0	51	3	0	0	93	2
		House, apartment, or other residence within walking distance to campus	1	4	85	6	1	6	257	7	8	28	620	32	4	20	1,477	29
		House, apartment, or other residence farther than walk. dist. to campus	14	50	173	13	1	6	668	17	17	59	978	51	12	60	2,582	50
		Not applicable: No campus, entirely online program, etc.	0	0	10	1	1	6	65	2	1	3	99	5	1	5	358	7
		Not applicable: Homeless or in transition	0	0	1	0	0	0	4	0	0	0	3	0	0	0	11	0
		Total	28	100	1,324	100	18	100	3,901	100	29	100	1,908	100	20	100	5,169	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	27	96	1,271	96	17	94	3,620	93	27	93	1,856	97	18	86	4,968	96
		Yes	1	4	55	4	1	6	291	7	2	7	50	3	3	14	210	4
		Total	28	100	1,326	100	18	100	3,911	100	29	100	1,906	100	21	100	5,178	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	28	100	1,316	99	18	100	3,879	99	28	97	1,841	96	19	95	4,953	96
		Yes	0	0	9	1	0	0	33	1	1	3	69	4	1	5	221	4
		Total	28	100	1,325	100	18	100	3,912	100	29	100	1,910	100	20	100	5,174	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	27	96	1,112	84	18	100	3,252	83	25	86	1,584	83	18	86	4,316	83
		Yes	1	4	179	13	0	0	541	14	3	10	275	14	3	14	723	14
		I prefer not to respond	0	0	38	3	0	0	127	3	1	3	49	3	0	0	140	3
		Total	28	100	1,329	100	18	100	3,920	100	29	100	1,908	100	21	100	5,179	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense dis_mobility dis_learning dis_mental dis_other	A sensory impairment (vision or hearing)	0	0	20	11	0	0	66	12	0	0	24	9	0	0	71	10
		A mobility impairment	0	0	10	6	0	0	33	6	1	33	28	10	0	0	67	9
		A learning disability (e.g., ADHD, dyslexia)	0	0	64	36	0	0	213	40	1	33	123	45	2	67	307	43
		A mental health disorder	0	0	90	51	0	0	282	52	1	33	153	56	1	33	359	50
		A disability or impairment not listed above	1	100	33	19	0	0	95	18	1	33	49	18	0	0	147	21
		Disability or impairment	disability_all (Items dis_sense to dis_other recoded where each student is represented only once.)	0	0	12	1	0	0	32	1	0	0	7	0	0	0	32
		0	0	5	0	0	0	13	0	0	0	7	0	0	0	28	1	
		0	0	43	3	0	0	127	3	1	3	68	4	2	10	181	3	
		0	0	66	5	0	0	189	5	1	3	81	4	1	5	203	4	
		1	4	21	2	0	0	57	1	0	0	22	1	0	0	83	2	
		0	0	31	2	0	0	120	3	1	3	88	5	0	0	190	4	
		27	96	1,112	84	18	100	3,252	83	25	86	1,584	83	18	86	4,316	83	
		0	0	38	3	0	0	127	3	1	3	49	3	0	0	140	3	
		Total	28	100	1,328	100	18	100	3,917	100	29	100	1,906	100	21	100	5,173	100

NSSE 2019 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		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	26	93	1,136	85	15	83	3,278	84	27	93	1,664	87	19	90	4,484	87
		Bisexual	2	7	89	7	1	6	253	6	1	3	85	4	1	5	224	4
		Gay	0	0	10	1	1	6	31	1	1	3	23	1	1	5	67	1
		Lesbian	0	0	13	1	0	0	49	1	0	0	15	1	0	0	48	1
		Queer	0	0	10	1	0	0	42	1	0	0	16	1	0	0	48	1
		Questioning or unsure	0	0	25	2	0	0	81	2	0	0	22	1	0	0	58	1
		Another sexual orientation	0	0	16	1	0	0	53	1	0	0	13	1	0	0	49	1
		I prefer not to respond	0	0	32	2	1	6	133	3	0	0	70	4	0	0	199	4
Total			28	100	1,331	100	18	100	3,920	100	29	100	1,908	100	21	100	5,177	100
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	23	79	1,096	81	19	95	3,241	81	25	83	1,469	76	21	95	4,131	78
		Male	6	21	261	19	1	5	760	19	5	17	465	24	1	5	1,127	21
		Another	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Unknown	0	0	0	0	0	0	1	0	0	0	1	0	0	0	5	0
		Total			29	100	1,357	100	20	100	4,002	100	30	100	1,935	100	22	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	5	0	0	0	17	0	0	0	11	1	0	0	37	1
		Asian	1	3	46	4	0	0	88	3	1	3	68	4	0	0	148	3
		Black or African American	0	0	40	3	11	55	208	6	0	0	78	5	6	27	287	6
		Hispanic or Latino	0	0	119	10	0	0	376	11	0	0	153	9	2	9	447	10
		Native Hawaiian/Other Pac. Islander	0	0	2	0	0	0	19	1	0	0	1	0	0	0	14	0
		White	28	97	861	73	7	35	2,437	70	28	93	1,243	74	14	64	3,303	71
		Other	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0
		Foreign or nonresident	0	0	22	2	0	0	77	2	0	0	37	2	0	0	92	2
		Two or more races/ethnicities	0	0	69	6	1	5	162	5	1	3	68	4	0	0	162	4
Total			29	100	1,181	100	20	100	3,495	100	30	100	1,681	100	22	100	4,625	100
Institution-reported: Class level	IRclass	Freshman/First-Year	29	100	1,357	100	20	100	4,002	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	30	100	1,935	100	22	100	5,263	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			29	100	1,357	100	20	100	4,002	100	30	100	1,935	100	22	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	4	14	119	9	2	11	435	11	30	100	1,935	100	22	100	5,209	99
		First-time first-year	25	86	1,238	91	17	89	3,566	89	0	0	0	0	0	0	54	1
		Total			29	100	1,357	100	19	100	4,001	100	30	100	1,935	100	22	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	0	0	35	3	0	0	133	3	2	7	283	15	1	5	774	15
		Full-time	29	100	1,322	97	20	100	3,869	97	28	93	1,652	85	21	95	4,489	85
		Total			29	100	1,357	100	20	100	4,002	100	30	100	1,935	100	22	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.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.