
Tennessee Technological University

NSSE 2020 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.

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		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	1	5	33	4	49	6	174	4							
		2	Sometimes	7	37	331	41	373	43	1,938	40							
		3	Often	8	42	275	34	288	34	1,670	35							
		4	Very often	3	16	171	21	149	17	1,027	21							
		Total		19	100	810	100	859	100	4,809	100							
b. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	1	5	27	3	33	4	167	3							
		2	Often	1	5	93	11	109	13	575	12							
		3	Sometimes	10	53	452	56	488	57	2,665	55							
		4	Never	7	37	237	29	226	26	1,400	29							
		Total		19	100	809	100	856	100	4,807	100							
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	8	42	394	48	381	44	2,135	44							
		2	Sometimes	8	42	298	37	346	40	1,835	38							
		3	Often	3	16	85	10	93	11	586	12							
		4	Very often	0	0	36	4	37	4	256	5							
		Total		19	100	813	100	857	100	4,812	100							
d. Asked another student to help you understand course material	CLaskhelp	1	Never	2	11	51	6	42	5	293	6							
		2	Sometimes	7	37	276	34	312	36	1,662	35							
		3	Often	8	42	298	37	345	40	1,892	39							
		4	Very often	2	11	187	23	160	19	968	20							
		Total		19	100	812	100	859	100	4,815	100							
e. Explained course material to one or more students	CLexplain	1	Never	1	5	32	4	36	4	202	4							
		2	Sometimes	7	37	304	37	314	37	1,755	36							
		3	Often	10	53	316	39	376	44	2,005	42							
		4	Very often	1	5	161	20	133	15	858	18							
		Total		19	100	813	100	859	100	4,820	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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	3	16	91	11	96	11	552	11						
		2	Sometimes	3	16	294	36	300	35	1,660	34						
		3	Often	9	47	269	33	309	36	1,664	35						
		4	Very often	4	21	158	19	154	18	940	20						
		Total		19	100	812	100	859	100	4,816	100						
g. Worked with other students on course projects or assignments	CLproject	1	Never	2	11	65	8	64	7	288	6						
		2	Sometimes	7	37	299	37	327	38	1,758	37						
		3	Often	7	37	287	35	330	38	1,892	39						
		4	Very often	3	16	160	20	137	16	875	18						
		Total		19	100	811	100	858	100	4,813	100						
h. Given a course presentation	present	1	Never	1	5	182	22	169	20	942	20						
		2	Sometimes	12	63	331	41	417	49	2,180	45						
		3	Often	5	26	213	26	211	25	1,232	26						
		4	Very often	1	5	86	11	61	7	458	10						
		Total		19	100	812	100	858	100	4,812	100						
2. During the current school year, about how often have you done the following?																	
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	11	70	9	61	7	343	7						
		2	Sometimes	9	47	314	39	317	37	1,845	38						
		3	Often	7	37	309	38	350	41	1,871	39						
		4	Very often	1	5	114	14	128	15	740	15						
		Total		19	100	807	100	856	100	4,799	100						
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	3	16	79	10	71	8	399	8						
		2	Sometimes	6	32	346	43	327	38	1,880	39						
		3	Often	7	37	268	33	318	37	1,702	35						
		4	Very often	3	16	114	14	140	16	815	17						
		Total		19	100	807	100	856	100	4,796	100						
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	2	11	99	12	96	11	536	11						
		2	Sometimes	7	37	329	41	338	39	1,926	40						
		3	Often	7	37	262	32	275	32	1,558	32						
		4	Very often	3	16	119	15	148	17	788	16						
		Total		19	100	809	100	857	100	4,808	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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		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	5	40	5	36	4	215	4							
		2	Sometimes	5	26	278	35	294	34	1,656	34							
		3	Often	9	47	353	44	388	45	2,132	44							
		4	Very often	4	21	134	17	136	16	800	17							
		Total		19	100	805	100	854	100	4,803	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	5	25	3	24	3	122	3							
		2	Sometimes	5	26	225	28	243	28	1,327	28							
		3	Often	7	37	381	47	391	46	2,267	47							
		4	Very often	6	32	178	22	198	23	1,083	23							
		Total		19	100	809	100	856	100	4,799	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	5	23	3	24	3	115	2							
		2	Sometimes	6	32	257	32	253	30	1,420	30							
		3	Often	8	42	362	45	400	47	2,205	46							
		4	Very often	4	21	165	20	178	21	1,061	22							
		Total		19	100	807	100	855	100	4,801	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	14	2	8	1	46	1							
		2	Sometimes	5	26	159	20	178	21	929	19							
		3	Often	9	47	426	53	444	52	2,437	51							
		4	Very often	5	26	206	26	224	26	1,370	29							
		Total		19	100	805	100	854	100	4,782	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	3	16	89	11	146	17	645	13							
		2	Sometimes	9	47	333	41	371	43	2,052	43							
		3	Often	5	26	233	29	218	26	1,342	28							
		4	Very often	2	11	149	19	118	14	754	16							
		Total		19	100	804	100	853	100	4,793	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	6	33	339	42	384	45	2,019	42							
		2	Sometimes	10	56	268	33	305	36	1,652	34							
		3	Often	1	6	131	16	120	14	751	16							
		4	Very often	1	6	71	9	47	5	377	8							
		Total		18	100	809	100	856	100	4,799	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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	6	32	238	30	273	32	1,446	30								
		2	Sometimes	7	37	346	43	386	45	2,107	44								
		3	Often	4	21	150	19	150	18	891	19								
		4	Very often	2	11	72	9	44	5	347	7								
		Total		19	100	806	100	853	100	4,791	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	3	16	171	21	226	26	1,137	24								
		2	Sometimes	10	53	376	46	402	47	2,266	47								
		3	Often	5	26	180	22	167	20	998	21								
		4	Very often	1	5	82	10	60	7	396	8								
		Total		19	100	809	100	855	100	4,797	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	0	0	20	2	19	2	130	3								
		2	Some	4	21	143	18	205	24	1,084	23								
		3	Quite a bit	8	42	395	49	414	48	2,318	48								
		4	Very much	7	37	251	31	219	26	1,268	26								
		Total		19	100	809	100	857	100	4,800	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	5	20	2	28	3	116	2								
		2	Some	8	42	199	25	229	27	1,218	25								
		3	Quite a bit	4	21	384	48	405	47	2,360	49								
		4	Very much	6	32	204	25	192	22	1,097	23								
		Total		19	100	807	100	854	100	4,791	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	11	24	3	41	5	160	3								
		2	Some	8	42	221	27	258	30	1,346	28								
		3	Quite a bit	5	26	373	46	374	44	2,206	46								
		4	Very much	4	21	189	23	181	21	1,080	23								
		Total		19	100	807	100	854	100	4,792	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	5	29	4	33	4	157	3								
		2	Some	4	21	224	28	263	31	1,303	27								
		3	Quite a bit	9	47	375	47	396	46	2,269	47								
		4	Very much	5	26	178	22	161	19	1,058	22								
		Total		19	100	806	100	853	100	4,787	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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Your first-year students compared with					
												Mean	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	1	5	27	3	36	4	150	3						
		2	Some	6	32	227	28	223	26	1,317	28						
		3	Quite a bit	9	47	376	47	413	48	2,281	48						
		4	Very much	3	16	174	22	182	21	1,037	22						
		Total		19	100	804	100	854	100	4,785	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	10	1	18	2	87	2						
		2	Some	1	5	173	21	181	21	956	20						
		3	Quite a bit	12	63	382	47	423	50	2,312	48						
		4	Very much	6	32	240	30	230	27	1,431	30						
		Total		19	100	805	100	852	100	4,786	100						
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	6	39	5	34	4	182	4						
		2	Some	4	22	164	20	201	24	1,052	22						
		3	Quite a bit	8	44	373	46	414	49	2,283	48						
		4	Very much	5	28	228	28	204	24	1,263	26						
		Total		18	100	804	100	853	100	4,780	100						
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	5	28	3	28	3	130	3						
		2	Some	2	11	164	20	196	23	1,021	21						
		3	Quite a bit	10	53	369	46	398	47	2,217	46						
		4	Very much	6	32	245	30	232	27	1,420	30						
		Total		19	100	806	100	854	100	4,788	100						
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	0	0	64	8	91	11	398	8						
		2	Some	4	21	270	33	303	35	1,610	34						
		3	Quite a bit	10	53	293	36	301	35	1,751	37						
		4	Very much	5	26	179	22	160	19	1,032	22						
		Total		19	100	806	100	855	100	4,791	100						
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	5	100	12	98	11	471	10						
		2	Some	5	26	276	34	348	41	1,712	36						
		3	Quite a bit	9	47	282	35	284	33	1,758	37						
		4	Very much	4	21	147	18	125	15	851	18						
		Total		19	100	805	100	855	100	4,792	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

Item wording or description	Variable name ^l	Values ^m	Response options	NSSE 2019 & 2020								Your first-year students compared with							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020				
				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	1	5	87	11	99	12	452	9								
		2	Sometimes	8	42	300	37	342	40	1,966	41								
		3	Often	7	37	307	38	324	38	1,754	37								
		4	Very often	3	16	112	14	87	10	614	13								
		Total		19	100	806	100	852	100	4,786	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	1	5	155	19	137	16	803	17								
		2	Sometimes	7	37	338	42	388	45	2,070	43								
		3	Often	8	42	236	29	259	30	1,421	30								
		4	Very often	3	16	75	9	69	8	491	10								
		Total		19	100	804	100	853	100	4,785	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	5	28	140	17	168	20	809	17								
		2	Sometimes	8	44	350	44	348	41	2,117	44								
		3	Often	5	28	231	29	271	32	1,406	29								
		4	Very often	0	0	82	10	66	8	446	9								
		Total		18	100	803	100	853	100	4,778	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	2	11	73	9	63	7	349	7								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	4	21	174	22	197	23	1,052	22								
		4	3-5	6	32	261	33	273	32	1,494	31								
		8	6-10	5	26	155	19	165	19	1,021	21								
		13	11-15	1	5	76	9	81	9	443	9								
		18	16-20	1	5	23	3	31	4	196	4								
		23	More than 20	0	0	39	5	44	5	225	5								
		Total		19	100	801	100	854	100	4,780	100								
b. Between 6 and 10 pages	wrmednum	0	None	8	44	325	41	338	40	1,827	38								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	7	39	264	33	293	34	1,762	37								
		4	3-5	1	6	144	18	155	18	794	17								
		8	6-10	1	6	45	6	47	6	260	5								
		13	11-15	0	0	18	2	13	2	95	2								
		18	16-20	1	6	0	0	1	0	18	0								
		23	More than 20	0	0	5	1	6	1	25	1								
		Total		18	100	801	100	853	100	4,781	100								

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				Frequency Distributions						Statistical Comparisons ^k										
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
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		
c. 11 pages or more	wrlongnum	0	None	17	89	631	79	684	80	3,773	79									
	<i>(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)</i>	1.5	1-2	0	0	113	14	120	14	688	14									
		4	3-5	0	0	30	4	30	4	162	3									
		8	6-10	2	11	13	2	9	1	78	2									
		13	11-15	0	0	12	1	6	1	51	1									
		18	16-20	0	0	0	0	1	0	13	0									
		23	More than 20	0	0	4	0	4	0	19	0									
			Total			19	100	803	100	854	100	4,784	100							
Estimated number of assigned pages of student writing.	wpages	<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>																		
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	16	43	5	67	8	241	5									
		2	Sometimes	7	37	194	24	309	36	1,344	28									
		3	Often	3	16	251	31	246	29	1,541	32									
		4	Very often	6	32	317	39	233	27	1,660	35									
			Total	19	100	805	100	855	100	4,786	100									
b. People from an economic background other than your own	DDeconomic	1	Never	1	5	29	4	41	5	186	4									
		2	Sometimes	7	37	175	22	237	28	1,150	24									
		3	Often	7	37	281	35	325	38	1,795	38									
		4	Very often	4	21	318	40	251	29	1,654	35									
			Total	19	100	803	100	854	100	4,785	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	1	5	51	6	76	9	292	6									
		2	Sometimes	7	37	209	26	279	33	1,338	28									
		3	Often	7	37	243	30	275	32	1,577	33									
		4	Very often	4	21	300	37	224	26	1,573	33									
			Total	19	100	803	100	854	100	4,780	100									
d. People with political views other than your own	DDpolitical	1	Never	1	5	50	6	81	9	343	7									
		2	Sometimes	10	53	205	25	292	34	1,411	29									
		3	Often	4	21	246	31	274	32	1,580	33									
		4	Very often	4	21	305	38	206	24	1,453	30									
			Total	19	100	806	100	853	100	4,787	100									

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
												NSSE 2019 & 2020																Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	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	15	2	20	2	94	2																								
		2	Sometimes	4	21	181	22	208	24	1,126	24																								
		3	Often	9	47	414	51	421	49	2,286	48																								
		4	Very often	6	32	196	24	204	24	1,281	27																								
		Total		19	100	806	100	853	100	4,787	100																								
b. Reviewed your notes after class	LSnotes	1	Never	1	5	29	4	30	4	171	4																								
		2	Sometimes	7	37	194	24	265	31	1,360	28																								
		3	Often	6	32	284	35	316	37	1,743	36																								
		4	Very often	5	26	297	37	243	28	1,507	32																								
		Total		19	100	804	100	854	100	4,781	100																								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	0	0	36	4	48	6	236	5																								
		2	Sometimes	7	37	231	29	275	32	1,516	32																								
		3	Often	8	42	322	40	360	42	1,925	40																								
		4	Very often	4	21	214	27	172	20	1,111	23																								
		Total		19	100	803	100	855	100	4,788	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	5	1	3	0	20	0																								
		2		0	0	6	1	7	1	39	1																								
		3		1	5	27	3	27	3	180	4																								
		4		4	21	87	11	116	14	539	11																								
		5		4	21	282	35	326	38	1,729	36																								
		6		7	37	199	25	224	26	1,269	27																								
		7	Very much	3	16	200	25	150	18	1,005	21																								
Total		19	100	806	100	853	100	4,781	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		1	5	86	11	90	11	491	10																								
		Do not plan to do		0	0	34	4	25	3	178	4																								
		Plan to do		18	95	596	74	668	78	3,679	77																								
		Done or in progress		0	0	89	11	70	8	434	9																								
		Total		19	100	805	100	853	100	4,782	100																								

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

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			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	6	32	206	26	234	27	1,262	26								
			Do not plan to do	2	11	168	21	186	22	959	20								
			Plan to do	7	37	362	45	341	40	1,976	41								
			Done or in progress	4	21	69	9	91	11	583	12								
			Total	19	100	805	100	852	100	4,780	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	10	53	238	30	277	32	1,506	32								
			Do not plan to do	4	21	255	32	215	25	1,292	27								
			Plan to do	3	16	219	27	223	26	1,289	27								
			Done or in progress	2	11	92	11	138	16	689	14								
			Total	19	100	804	100	853	100	4,776	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	8	42	221	27	228	27	1,278	27								
			Do not plan to do	2	11	187	23	196	23	1,061	22								
			Plan to do	9	47	377	47	409	48	2,273	48								
			Done or in progress	0	0	19	2	21	2	166	3								
			Total	19	100	804	100	854	100	4,778	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	9	47	260	32	305	36	1,731	36								
			Do not plan to do	5	26	173	21	172	20	918	19								
			Plan to do	4	21	321	40	334	39	1,875	39								
			Done or in progress	1	5	52	6	40	5	257	5								
			Total	19	100	806	100	851	100	4,781	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	7	37	284	35	305	36	1,657	35								
			Do not plan to do	1	5	86	11	96	11	506	11								
			Plan to do	11	58	422	52	442	52	2,547	53								
			Done or in progress	0	0	12	1	9	1	72	2								
			Total	19	100	804	100	852	100	4,782	100								

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

servcourse	1	2	3	4	Total	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ
None	5	26	370	46	414	49	2,119	44									
Some	12	63	382	47	382	45	2,262	47									
Most	2	11	43	5	48	6	338	7									
All	0	0	10	1	9	1	56	1									
Total	19	100	805	100	853	100	4,775	100									

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ		Effect size ⁿ			
				Count	%	Count	%	Count	%	Count	%			Mean	Mean	Effect size ⁿ	Effect size ⁿ		
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	13	2	10	1	61	1								
		2		0	0	15	2	30	4	92	2								
		3		1	5	44	5	43	5	221	5								
		4		3	16	87	11	91	11	595	12								
		5		8	42	203	25	238	28	1,290	27								
		6		3	16	232	29	241	28	1,347	28								
		7	Excellent	4	21	206	26	196	23	1,154	24								
		—	Not applicable	0	0	6	1	3	0	24	1								
			Total	19	100	806	100	852	100	4,784	100								
b. Academic advisors	QIadvisor	1	Poor	0	0	20	2	18	2	113	2								
		2		0	0	32	4	33	4	176	4								
		3		0	0	50	6	60	7	307	6								
		4		2	11	99	12	106	12	595	12								
		5		5	26	161	20	156	18	969	20								
		6		4	21	168	21	195	23	1,047	22								
		7	Excellent	8	42	269	33	264	31	1,495	31								
		—	Not applicable	0	0	7	1	21	2	81	2								
			Total	19	100	806	100	853	100	4,783	100								
c. Faculty	QIfaculty	1	Poor	1	5	14	2	12	1	52	1								
		2		1	5	17	2	23	3	109	2								
		3		0	0	54	7	50	6	249	5								
		4		0	0	108	13	123	14	617	13								
		5		9	47	209	26	223	26	1,294	27								
		6		2	11	220	27	265	31	1,404	29								
		7	Excellent	6	32	175	22	150	18	1,022	21								
		—	Not applicable	0	0	8	1	6	1	36	1								
			Total	19	100	805	100	852	100	4,783	100								

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Ag and Human Ecology

Tennessee Technological University

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Mean		Effect size ⁿ		Effect size ⁿ		Mean	
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. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	17	2	30	4	115	2								
		2		0	0	32	4	36	4	170	4								
		3		1	5	60	7	57	7	315	7								
		4		2	11	92	11	122	14	647	14								
		5		7	37	173	22	182	21	1,054	22								
		6		2	11	174	22	214	25	1,125	24								
		7	Excellent	5	26	193	24	161	19	1,010	21								
		—	Not applicable	2	11	63	8	53	6	348	7								
	Total			19	100	804	100	855	100	4,784	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	3	16	22	3	20	2	114	2								
		2		2	11	33	4	40	5	172	4								
		3		0	0	65	8	64	7	318	7								
		4		2	11	119	15	135	16	744	16								
		5		4	21	189	23	197	23	1,102	23								
		6		4	21	161	20	192	22	1,070	22								
		7	Excellent	4	21	163	20	151	18	949	20								
		—	Not applicable	0	0	53	7	56	7	320	7								
	Total			19	100	805	100	855	100	4,789	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	8	1	9	1	43	1								
		2	Some	8	42	128	16	165	19	829	17								
		3	Quite a bit	6	32	378	47	428	50	2,394	50								
		4	Very much	5	26	291	36	254	30	1,525	32								
			Total			19	100	805	100	856	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	11	29	4	26	3	135	3								
		2	Some	6	32	141	18	187	22	919	19								
		3	Quite a bit	8	42	347	43	371	44	2,117	44								
		4	Very much	3	16	284	35	266	31	1,597	33								
			Total			19	100	801	100	850	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	1	5	31	4	37	4	189	4								
		2	Some	8	42	124	15	160	19	807	17								
		3	Quite a bit	6	32	327	41	339	40	1,876	39								
		4	Very much	4	21	322	40	317	37	1,907	40								
			Total			19	100	804	100	853	100								

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with						
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Southeast Public		Carnegie Class		NSSE 2019 & 2020			
													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	4	21	76	9	114	13	466	10									
		2	Some	6	32	246	31	292	34	1,434	30									
		3	Quite a bit	4	21	268	33	272	32	1,696	35									
		4	Very much	5	26	215	27	174	20	1,187	25									
		Total		19	100	805	100	852	100	4,783	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	11	26	3	36	4	177	4									
		2	Some	3	16	152	19	207	24	1,038	22									
		3	Quite a bit	10	53	335	42	337	40	2,018	42									
		4	Very much	4	21	291	36	269	32	1,538	32									
		Total		19	100	804	100	849	100	4,771	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	5	38	5	53	6	246	5									
		2	Some	8	42	171	21	198	23	1,071	22									
		3	Quite a bit	6	32	311	39	332	39	1,960	41									
		4	Very much	4	21	285	35	265	31	1,494	31									
		Total		19	100	805	100	848	100	4,771	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	3	16	157	20	194	23	956	20									
		2	Some	9	47	300	37	320	38	1,878	39									
		3	Quite a bit	6	32	234	29	214	25	1,305	27									
		4	Very much	1	5	114	14	124	15	640	13									
		Total		19	100	805	100	852	100	4,779	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	2	11	49	6	65	8	344	7									
		2	Some	6	32	164	20	243	29	1,186	25									
		3	Quite a bit	10	53	319	40	312	37	1,914	40									
		4	Very much	1	5	269	34	230	27	1,321	28									
		Total		19	100	801	100	850	100	4,765	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	6	33	110	14	128	15	679	14									
		2	Some	9	50	278	35	334	39	1,758	37									
		3	Quite a bit	3	17	277	34	254	30	1,544	32									
		4	Very much	0	0	140	17	136	16	802	17									
		Total		18	100	805	100	852	100	4,783	100									

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				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. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	0	0	8	1	7	1	38	1								
		2	Disagree	2	11	29	5	45	8	196	7								
		3	Agree	12	63	313	53	317	56	1,492	54								
		4	Strongly agree	5	26	244	41	199	35	1,038	38								
			Total	19	100	594	100	568	100	2,764	100								
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	1	5	17	3	21	4	80	3								
		2	Disagree	3	16	79	13	109	19	454	16								
		3	Agree	11	58	335	56	333	59	1,596	58								
		4	Strongly agree	4	21	163	27	105	18	628	23								
			Total	19	100	594	100	568	100	2,758	100								
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	0	0	16	3	16	3	78	3								
		2	Disagree	2	11	71	12	91	16	432	16								
		3	Agree	14	74	319	54	330	58	1,544	56								
		4	Strongly agree	3	16	189	32	130	23	713	26								
			Total	19	100	595	100	567	100	2,767	100								
16. 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	0	0 hrs	0	0	1	0	1	0	7	0								
		3	1-5 hrs	3	16	96	12	101	12	554	12								
		8	6-10 hrs	5	26	203	25	198	23	1,161	24								
		13	11-15 hrs	6	32	183	23	210	25	1,115	23								
		18	16-20 hrs	3	16	148	18	172	20	931	20								
		23	21-25 hrs	1	5	89	11	96	11	523	11								
		28	26-30 hrs	0	0	36	4	51	6	252	5								
		33	More than 30 hrs	1	5	47	6	23	3	231	5								
			Total	19	100	803	100	852	100	4,774	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	5	26	222	28	237	28	1,253	26								
		3	1-5 hrs	7	37	283	35	347	41	1,816	38								
		8	6-10 hrs	2	11	152	19	145	17	882	18								
		13	11-15 hrs	2	11	72	9	60	7	439	9								
		18	16-20 hrs	2	11	36	4	36	4	203	4								
		23	21-25 hrs	1	5	22	3	18	2	95	2								
		28	26-30 hrs	0	0	5	1	7	1	37	1								
		33	More than 30 hrs	0	0	13	2	3	0	48	1								
			Total	19	100	805	100	853	100	4,773	100								

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
																				Mean		Effect size ⁿ		Mean		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	16	89	665	83	649	76	3,608	76																
		3	1-5 hrs	1	6	11	1	36	4	210	4																
		8	6-10 hrs	0	0	40	5	65	8	410	9																
		13	11-15 hrs	0	0	32	4	57	7	279	6																
		18	16-20 hrs	0	0	32	4	36	4	181	4																
		23	21-25 hrs	1	6	10	1	6	1	57	1																
		28	26-30 hrs	0	0	3	0	2	0	11	0																
		33	More than 30 hrs	0	0	9	1	3	0	20	0																
			Total			18	100	802	100	854	100	4,776	100														
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	12	63	530	66	604	71	3,296	69																
		3	1-5 hrs	1	5	40	5	46	5	245	5																
		8	6-10 hrs	0	0	45	6	51	6	287	6																
		13	11-15 hrs	0	0	46	6	50	6	262	5																
		18	16-20 hrs	4	21	49	6	40	5	241	5																
		23	21-25 hrs	0	0	40	5	28	3	202	4																
		28	26-30 hrs	2	11	19	2	22	3	96	2																
		33	More than 30 hrs	0	0	35	4	13	2	150	3																
			Total			19	100	804	100	854	100	4,779	100														
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)																								
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	11	58	409	51	490	57	2,583	54																
		3	1-5 hrs	6	32	284	35	273	32	1,626	34																
		8	6-10 hrs	0	0	55	7	52	6	309	6																
		13	11-15 hrs	0	0	28	3	16	2	123	3																
		18	16-20 hrs	1	5	15	2	10	1	76	2																
		23	21-25 hrs	0	0	6	1	3	0	36	1																
		28	26-30 hrs	1	5	1	0	5	1	12	0																
		33	More than 30 hrs	0	0	8	1	5	1	19	0																
			Total			19	100	806	100	854	100	4,784	100														

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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				Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	21	3	13	2	83	2						
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	21	139	17	156	18	987	21						
	8	6-10 hrs	9	47	224	28	252	30	1,337	28							
	13	11-15 hrs	2	11	167	21	196	23	1,095	23							
	18	16-20 hrs	1	5	121	15	101	12	616	13							
	23	21-25 hrs	1	5	55	7	58	7	289	6							
	28	26-30 hrs	1	5	19	2	25	3	125	3							
	33	More than 30 hrs	1	5	60	7	51	6	249	5							
		Total			19	100	806	100	852	100	4,781	100					
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	18	95	661	82	710	83	3,897	82						
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	5	55	7	69	8	424	9						
	8	6-10 hrs	0	0	31	4	38	4	158	3							
	13	11-15 hrs	0	0	26	3	13	2	109	2							
	18	16-20 hrs	0	0	10	1	5	1	60	1							
	23	21-25 hrs	0	0	4	0	5	1	34	1							
	28	26-30 hrs	0	0	0	0	2	0	11	0							
	33	More than 30 hrs	0	0	16	2	11	1	81	2							
	Total			19	100	803	100	853	100	4,774	100						
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	4	21	288	36	373	44	1,945	41						
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	58	284	35	327	38	1,756	37						
	8	6-10 hrs	3	16	131	16	90	11	609	13							
	13	11-15 hrs	1	5	48	6	33	4	234	5							
	18	16-20 hrs	0	0	22	3	7	1	83	2							
	23	21-25 hrs	0	0	10	1	10	1	66	1							
	28	26-30 hrs	0	0	1	0	6	1	21	0							
	33	More than 30 hrs	0	0	22	3	9	1	74	2							
	Total			19	100	806	100	855	100	4,788	100						

NSSE 2020 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

Item wording or description				Frequency Distributions								Statistical Comparisons ^k																							
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Count		%		Count		%		Count		%		Count		%		Mean		Effect size ⁿ		Mean		Effect size ⁿ		Mean		Effect size ⁿ					
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																Your first-year students compared with																			
				<i>tmreadinghrs</i> (Continuous variable created by NSSE. Calculated as a proportion of <i>tmprephrs</i> based on <i>reading</i> , where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																															
reading				1		Very little		2		11		146		18		131		15		625		13													
				2		Some		9		47		326		40		298		35		1,731		36													
				3		About half		1		5		217		27		225		26		1,391		29													
				4		Most		5		26		84		10		153		18		778		16													
				5		Almost all		2		11		32		4		43		5		248		5													
				Total				19		100		805		100		850		100		4,773		100													
tmreadinghrscol				1		0 hrs		0		0		1		0		1		0		7		0													
(Collapsed version of tmreadinghrs created by NSSE.)				2		More than zero, up to 5 hrs		10		53		491		61		466		55		2,579		54													
				3		More than 5, up to 10 hrs		6		32		211		26		244		29		1,306		27													
				4		More than 10, up to 15 hrs		2		11		54		7		75		9		484		10													
				5		More than 15, up to 20 hrs		1		5		24		3		38		4		202		4													
				6		More than 20, up to 25 hrs		0		0		8		1		18		2		124		3													
				7		More than 25 hrs		0		0		12		1		5		1		52		1													
				Total				19		100		801		100		847		100		4,754		100													
18. 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				1		Very little		2		11		62		8		55		6		344		7													
				2		Some		6		32		223		28		282		33		1,472		31													
				3		Quite a bit		10		53		349		43		370		44		2,060		43													
				4		Very much		1		5		170		21		142		17		900		19													
				Total				19		100		804		100		849		100		4,776		100													

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Mean		Effect size ⁿ		Effect size ⁿ			
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	
b. Speaking clearly and effectively	pgspeak	1	Very little	1	5	73	9	74	9	455	10								
		2	Some	5	26	237	29	313	37	1,594	33								
		3	Quite a bit	11	58	324	40	318	37	1,875	39								
		4	Very much	2	11	172	21	148	17	849	18								
		Total		19	100	806	100	853	100	4,773	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	18	2	27	3	120	3								
		2	Some	2	11	148	18	176	21	973	20								
		3	Quite a bit	13	68	399	50	422	50	2,317	49								
		4	Very much	4	21	241	30	224	26	1,363	29								
		Total		19	100	806	100	849	100	4,773	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	21	63	8	91	11	464	10								
		2	Some	6	32	232	29	294	35	1,577	33								
		3	Quite a bit	7	37	345	43	321	38	1,841	39								
		4	Very much	2	11	167	21	141	17	893	19								
		Total		19	100	807	100	847	100	4,775	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	3	16	83	10	104	12	532	11								
		2	Some	5	26	226	28	291	34	1,536	32								
		3	Quite a bit	9	47	322	40	291	34	1,737	36								
		4	Very much	2	11	175	22	163	19	972	20								
		Total		19	100	806	100	849	100	4,777	100								
f. Working effectively with others	pgothers	1	Very little	0	0	35	4	49	6	246	5								
		2	Some	3	17	210	26	242	28	1,301	27								
		3	Quite a bit	13	72	354	44	375	44	2,071	43								
		4	Very much	2	11	207	26	188	22	1,161	24								
		Total		18	100	806	100	854	100	4,779	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	3	16	66	8	88	10	470	10								
		2	Some	5	26	216	27	257	30	1,382	29								
		3	Quite a bit	8	42	346	43	324	38	1,895	40								
		4	Very much	3	16	178	22	182	21	1,030	22								
		Total		19	100	806	100	851	100	4,777	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Mean		Effect size ⁿ		Effect size ⁿ			
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	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	16	59	7	83	10	394	8								
		2	Some	2	11	225	28	278	33	1,384	29								
		3	Quite a bit	13	68	310	38	305	36	1,830	38								
		4	Very much	1	5	212	26	187	22	1,169	24								
		Total		19	100	806	100	853	100	4,777	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	1	5	77	10	91	11	457	10								
		2	Some	9	47	251	31	292	34	1,560	33								
		3	Quite a bit	9	47	305	38	313	37	1,846	39								
		4	Very much	0	0	173	21	159	19	920	19								
		Total		19	100	806	100	855	100	4,783	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	2	11	86	11	97	11	512	11								
		2	Some	7	37	240	30	297	35	1,534	32								
		3	Quite a bit	8	42	295	37	300	35	1,734	36								
		4	Very much	2	11	184	23	160	19	996	21								
		Total		19	100	805	100	854	100	4,776	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	15	2	20	2	70	1								
		2	Fair	2	11	87	11	121	14	581	12								
		3	Good	12	63	399	50	448	52	2,422	51								
		4	Excellent	5	26	305	38	267	31	1,712	36								
		Total		19	100	806	100	856	100	4,785	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	0	0	25	3	27	3	136	3								
		2	Probably no	1	6	71	9	110	13	548	11								
		3	Probably yes	8	44	292	36	339	40	1,857	39								
		4	Definitely yes	9	50	419	52	377	44	2,251	47								
		Total		18	100	807	100	853	100	4,792	100								
21. Do you intend to return to this institution next year?^f																			
	returnexp		No	0	0	29	4	35	4	172	4								
			Yes	19	100	722	91	756	88	4,287	90								
			Not sure	0	0	46	6	66	8	325	7								
			Total	19	100	797	100	857	100	4,784	100								
				<i>(Means indicate the percentage who responded "Yes.")</i>															

NSSE 2020 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

Item wording or description				Frequency Distributions								Statistical Comparisons ^k															
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count		%		Count		%		Count		%		Count		%		Mean	Mean	Effect size ⁿ	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				Values ^m		Response options		Values ^m		Response options		Values ^m		Response options		Values ^m		Response options		Mean	Mean	Effect size ⁿ	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	19	2	14	1	128	2													
					2	Sometimes	1	9	258	28	285	27	1,693	27													
					3	Often	6	55	297	32	345	33	2,019	33													
					4	Very often	4	36	342	37	396	38	2,334	38													
					Total		11	100	916	100	1,040	100	6,174	100													
b. Come to class without completing readings or assignments				unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	0	0	53	6	59	6	329	5													
					2	Often	0	0	132	14	130	13	896	15													
					3	Sometimes	6	55	492	54	596	57	3,386	55													
					4	Never	5	45	236	26	254	24	1,557	25													
					Total		11	100	913	100	1,039	100	6,168	100													
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)				attendant	1	Never	8	73	465	51	512	49	3,049	49													
					2	Sometimes	1	9	331	36	386	37	2,238	36													
					3	Often	2	18	79	9	100	10	634	10													
					4	Very often	0	0	40	4	45	4	255	4													
					Total		11	100	915	100	1,043	100	6,176	100													
d. Asked another student to help you understand course material				CLaskhelp	1	Never	1	9	93	10	99	9	621	10													
					2	Sometimes	6	55	333	36	396	38	2,448	40													
					3	Often	1	9	321	35	350	34	2,034	33													
					4	Very often	3	27	170	19	199	19	1,073	17													
					Total		11	100	917	100	1,044	100	6,176	100													
e. Explained course material to one or more students				CLexplain	1	Never	0	0	36	4	40	4	297	5													
					2	Sometimes	5	45	267	29	338	32	2,065	33													
					3	Often	4	36	384	42	450	43	2,515	41													
					4	Very often	2	18	229	25	217	21	1,301	21													
					Total		11	100	916	100	1,045	100	6,178	100													

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	2	18	120	13	142	14	897	15						
		2	Sometimes	3	27	310	34	348	33	2,173	35						
		3	Often	5	45	284	31	332	32	1,881	30						
		4	Very often	1	9	201	22	221	21	1,228	20						
		Total		11	100	915	100	1,043	100	6,179	100						
g. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	49	5	42	4	275	4						
		2	Sometimes	2	20	253	28	272	26	1,664	27						
		3	Often	4	40	348	38	428	41	2,530	41						
		4	Very often	4	40	264	29	299	29	1,713	28						
		Total		10	100	914	100	1,041	100	6,182	100						
h. Given a course presentation	present	1	Never	2	18	82	9	69	7	491	8						
		2	Sometimes	3	27	284	31	313	30	1,894	31						
		3	Often	3	27	309	34	410	39	2,156	35						
		4	Very often	3	27	242	26	252	24	1,644	27						
		Total		11	100	917	100	1,044	100	6,185	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	17	2	27	3	145	2						
		2	Sometimes	5	45	241	26	241	23	1,508	24						
		3	Often	4	36	384	42	460	44	2,668	43						
		4	Very often	2	18	274	30	316	30	1,853	30						
		Total		11	100	916	100	1,044	100	6,174	100						
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	18	32	3	43	4	272	4						
		2	Sometimes	2	18	280	31	314	30	1,757	28						
		3	Often	5	45	333	36	381	36	2,363	38						
		4	Very often	2	18	270	30	307	29	1,787	29						
		Total		11	100	915	100	1,045	100	6,179	100						
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	3	27	104	11	90	9	626	10						
		2	Sometimes	3	27	338	37	411	39	2,331	38						
		3	Often	4	36	286	31	325	31	1,955	32						
		4	Very often	1	9	189	21	218	21	1,265	20						
		Total		11	100	917	100	1,044	100	6,177	100						

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				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 seniors compared with															
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	1	9	32	3	43	4	223	4								
		2	Sometimes	5	45	288	31	347	33	1,922	31								
		3	Often	4	36	392	43	448	43	2,780	45								
		4	Very often	1	9	204	22	204	20	1,249	20								
		Total		11	100	916	100	1,042	100	6,174	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	9	18	2	24	2	124	2								
		2	Sometimes	4	36	228	25	297	29	1,569	25								
		3	Often	5	45	398	44	458	44	2,846	46								
		4	Very often	1	9	269	29	263	25	1,633	26								
		Total		11	100	913	100	1,042	100	6,172	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	16	2	9	1	89	1								
		2	Sometimes	3	27	238	26	293	28	1,600	26								
		3	Often	6	55	403	44	472	45	2,821	46								
		4	Very often	2	18	258	28	269	26	1,659	27								
		Total		11	100	915	100	1,043	100	6,169	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	6	1	4	0	31	1								
		2	Sometimes	1	9	119	13	123	12	800	13								
		3	Often	6	55	442	48	529	51	3,030	49								
		4	Very often	4	36	347	38	384	37	2,304	37								
		Total		11	100	914	100	1,040	100	6,165	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	9	88	10	116	11	594	10								
		2	Sometimes	4	36	303	33	393	38	2,368	38								
		3	Often	2	18	266	29	292	28	1,782	29								
		4	Very often	4	36	259	28	241	23	1,419	23								
		Total		11	100	916	100	1,042	100	6,163	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	1	9	284	31	343	33	2,011	33								
		2	Sometimes	4	36	285	31	348	33	2,067	34								
		3	Often	2	18	180	20	195	19	1,207	20								
		4	Very often	4	36	163	18	157	15	880	14								
		Total		11	100	912	100	1,043	100	6,165	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Mean		Effect size ⁿ		Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Effect size ⁿ	Mean	Effect size ⁿ		
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	1	9	193	21	232	22	1,403	23								
		2	Sometimes	6	55	364	40	459	44	2,679	44								
		3	Often	1	9	216	24	220	21	1,336	22								
		4	Very often	3	27	135	15	130	12	733	12								
		Total		11	100	908	100	1,041	100	6,151	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	1	9	176	19	209	20	1,242	20								
		2	Sometimes	6	55	380	42	475	45	2,829	46								
		3	Often	1	9	218	24	224	21	1,349	22								
		4	Very often	3	27	139	15	136	13	749	12								
		Total		11	100	913	100	1,044	100	6,169	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	0	0	26	3	36	3	298	5								
		2	Some	5	45	190	21	258	25	1,595	26								
		3	Quite a bit	4	36	418	46	470	45	2,669	43								
		4	Very much	2	18	280	31	277	27	1,597	26								
		Total		11	100	914	100	1,041	100	6,159	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	20	2	13	1	130	2								
		2	Some	3	27	173	19	212	20	1,264	20								
		3	Quite a bit	2	18	432	47	510	49	2,963	48								
		4	Very much	6	55	290	32	309	30	1,810	29								
		Total		11	100	915	100	1,044	100	6,167	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	31	3	30	3	186	3								
		2	Some	5	45	205	22	253	24	1,498	24								
		3	Quite a bit	2	18	404	44	483	46	2,808	46								
		4	Very much	4	36	272	30	275	26	1,665	27								
		Total		11	100	912	100	1,041	100	6,157	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	0	0	31	3	35	3	217	4								
		2	Some	3	27	217	24	272	26	1,571	26								
		3	Quite a bit	5	45	391	43	461	44	2,752	45								
		4	Very much	3	27	270	30	274	26	1,611	26								
		Total		11	100	909	100	1,042	100	6,151	100								

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020					
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	9	35	4	34	3	209	3												
		2	Some	3	27	226	25	277	27	1,580	26												
		3	Quite a bit	4	36	398	43	478	46	2,849	46												
		4	Very much	3	27	256	28	252	24	1,528	25												
		Total		11	100	915	100	1,041	100	6,166	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	1	9	16	2	11	1	81	1												
		2	Some	2	18	166	18	160	15	1,006	16												
		3	Quite a bit	4	36	390	43	515	49	2,884	47												
		4	Very much	4	36	343	37	358	34	2,193	36												
		Total		11	100	915	100	1,044	100	6,164	100												
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	18	41	4	31	3	205	3												
		2	Some	1	9	165	18	188	18	1,074	17												
		3	Quite a bit	5	45	390	43	494	47	2,930	48												
		4	Very much	3	27	319	35	330	32	1,953	32												
		Total		11	100	915	100	1,043	100	6,162	100												
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	9	22	2	16	2	113	2												
		2	Some	1	9	157	17	159	15	1,055	17												
		3	Quite a bit	6	55	387	42	466	45	2,686	44												
		4	Very much	3	27	346	38	401	38	2,302	37												
		Total		11	100	912	100	1,042	100	6,156	100												
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	20	98	11	98	9	560	9												
		2	Some	2	20	245	27	297	29	1,815	29												
		3	Quite a bit	3	30	304	33	382	37	2,247	36												
		4	Very much	3	30	267	29	265	25	1,540	25												
		Total		10	100	914	100	1,042	100	6,162	100												
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	18	85	9	80	8	455	7												
		2	Some	3	27	267	29	310	30	1,854	30												
		3	Quite a bit	6	55	329	36	419	40	2,443	40												
		4	Very much	0	0	232	25	234	22	1,411	23												
		Total		11	100	913	100	1,043	100	6,163	100												

NSSE 2020 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	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	1	9	81	9	102	10	563	9								
		2	Sometimes	6	55	357	39	418	40	2,362	38								
		3	Often	3	27	345	38	381	37	2,320	38								
		4	Very often	1	9	130	14	138	13	907	15								
			Total	11	100	913	100	1,039	100	6,152	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	2	18	127	14	158	15	852	14								
		2	Sometimes	5	45	358	39	404	39	2,307	37								
		3	Often	2	18	303	33	337	32	2,075	34								
		4	Very often	2	18	126	14	140	13	919	15								
			Total	11	100	914	100	1,039	100	6,153	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	2	18	122	13	139	13	770	13								
		2	Sometimes	5	45	370	41	436	42	2,483	40								
		3	Often	2	18	297	33	331	32	2,072	34								
		4	Very often	2	18	122	13	132	13	815	13								
			Total	11	100	911	100	1,038	100	6,140	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	1	9	49	5	51	5	319	5								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	3	27	214	23	192	18	1,160	19								
		4	3-5	2	18	294	32	318	31	1,883	31								
		8	6-10	1	9	192	21	217	21	1,362	22								
		13	11-15	3	27	61	7	110	11	644	10								
		18	16-20	0	0	32	4	66	6	311	5								
		23	More than 20	1	9	69	8	85	8	472	8								
			Total	11	100	911	100	1,039	100	6,151	100								
b. Between 6 and 10 pages	wrmednum	0	None	3	27	276	30	252	24	1,587	26								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	5	45	370	41	386	37	2,272	37								
		4	3-5	0	0	149	16	239	23	1,396	23								
		8	6-10	2	18	72	8	95	9	567	9								
		13	11-15	1	9	21	2	38	4	188	3								
		18	16-20	0	0	11	1	16	2	65	1								
		23	More than 20	0	0	8	1	10	1	66	1								
			Total	11	100	907	100	1,036	100	6,141	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
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	
c. 11 pages or more	wrlongnum	0	None	7	64	557	61	557	54	3,330	54								
		1.5	1-2	2	18	248	27	348	34	2,009	33								
		4	3-5	2	18	66	7	80	8	486	8								
		8	6-10	0	0	16	2	29	3	153	2								
		13	11-15	0	0	10	1	18	2	89	1								
		18	16-20	0	0	5	1	3	0	31	1								
		23	More than 20	0	0	6	1	3	0	49	1								
		Total			11	100	908	100	1,038	100	6,147	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.)																
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	9	43	5	58	6	283	5								
		2	Sometimes	3	27	216	24	330	32	1,734	28								
		3	Often	3	27	282	31	283	27	1,908	31								
		4	Very often	4	36	373	41	366	35	2,233	36								
			Total	11	100	914	100	1,037	100	6,158	100								
b. People from an economic background other than your own	DDeconomic	1	Never	1	9	38	4	22	2	175	3								
		2	Sometimes	1	9	167	18	294	28	1,487	24								
		3	Often	4	36	329	36	375	36	2,334	38								
		4	Very often	5	45	380	42	347	33	2,154	35								
			Total	11	100	914	100	1,038	100	6,150	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	1	9	55	6	83	8	359	6								
		2	Sometimes	3	27	233	26	331	32	1,762	29								
		3	Often	2	18	281	31	312	30	2,027	33								
		4	Very often	5	45	343	38	315	30	2,007	33								
			Total	11	100	912	100	1,041	100	6,155	100								
d. People with political views other than your own	DDpolitical	1	Never	2	18	46	5	48	5	333	5								
		2	Sometimes	2	18	234	26	333	32	1,882	31								
		3	Often	3	27	301	33	350	34	2,044	33								
		4	Very often	4	36	332	36	309	30	1,898	31								
			Total	11	100	913	100	1,040	100	6,157	100								

NSSE 2020 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	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	17	2	19	2	107	2								
		2	Sometimes	4	40	168	18	214	21	1,232	20								
		3	Often	3	30	414	45	479	46	2,815	46								
		4	Very often	3	30	314	34	329	32	2,005	33								
		Total		10	100	913	100	1,041	100	6,159	100								
b. Reviewed your notes after class	LSnotes	1	Never	2	20	44	5	68	7	433	7								
		2	Sometimes	1	10	255	28	346	33	1,913	31								
		3	Often	4	40	307	34	350	34	2,075	34								
		4	Very often	3	30	306	34	276	27	1,735	28								
		Total		10	100	912	100	1,040	100	6,156	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	10	49	5	63	6	402	7								
		2	Sometimes	2	20	228	25	351	34	1,948	32								
		3	Often	3	30	345	38	375	36	2,245	36								
		4	Very often	4	40	291	32	252	24	1,566	25								
		Total		10	100	913	100	1,041	100	6,161	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	6	1	5	0	45	1								
		2		0	0	7	1	7	1	64	1								
		3		0	0	27	3	32	3	203	3								
		4		2	20	80	9	93	9	657	11								
		5		2	20	296	33	333	32	1,881	31								
		6		2	20	220	24	277	27	1,673	27								
		7	Very much	4	40	274	30	294	28	1,622	26								
		Total		10	100	910	100	1,041	100	6,145	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	63	7	60	6	435	7								
		Do not plan to do		1	10	82	9	96	9	637	10								
		Plan to do		1	10	285	31	287	27	1,561	25								
		Done or in progress		8	80	482	53	601	58	3,530	57								
		Total		10	100	912	100	1,044	100	6,163	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
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	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	1	10	115	13	115	11	658	11								
			Do not plan to do	2	20	323	35	428	41	2,379	39								
			Plan to do	0	0	88	10	75	7	468	8								
			Done or in progress	7	70	387	42	425	41	2,656	43								
			Total	10	100	913	100	1,043	100	6,161	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	1	10	117	13	133	13	821	13								
			Do not plan to do	6	60	443	49	520	50	3,067	50								
			Plan to do	1	10	98	11	86	8	594	10								
			Done or in progress	2	20	254	28	302	29	1,670	27								
			Total	10	100	912	100	1,041	100	6,152	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	0	0	99	11	110	11	612	10								
			Do not plan to do	10	100	592	65	660	63	3,881	63								
			Plan to do	0	0	73	8	72	7	423	7								
			Done or in progress	0	0	146	16	200	19	1,239	20								
			Total	10	100	910	100	1,042	100	6,155	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	0	0	136	15	149	14	902	15								
			Do not plan to do	6	60	375	41	464	44	2,769	45								
			Plan to do	0	0	117	13	115	11	714	12								
			Done or in progress	4	40	284	31	315	30	1,767	29								
			Total	10	100	912	100	1,043	100	6,152	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	0	0	99	11	106	10	616	10								
			Do not plan to do	2	20	203	22	256	25	1,418	23								
			Plan to do	1	10	198	22	202	19	1,241	20								
			Done or in progress	7	70	413	45	479	46	2,882	47								
			Total	10	100	913	100	1,043	100	6,157	100								

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

servcourse	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ
1 None	3	30	235	26	271	26	1,596	26				
2 Some	5	50	547	60	614	59	3,700	60				
3 Most	1	10	110	12	139	13	759	12				
4 All	1	10	19	2	16	2	98	2				
Total	10	100	911	100	1,040	100	6,153	100				

NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		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	10	1	6	1	55	1							
		2		0	0	12	1	13	1	83	1							
		3		1	10	32	3	43	4	227	4							
		4		1	10	76	8	112	11	615	10							
		5		4	40	226	25	270	26	1,613	26							
		6		2	20	266	29	292	28	1,837	30							
		7	Excellent	2	20	289	32	299	29	1,688	27							
		—	Not applicable	0	0	4	0	7	1	46	1							
			Total	10	100	915	100	1,042	100	6,164	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	36	4	40	4	199	3							
		2		0	0	24	3	35	3	244	4							
		3		0	0	70	8	75	7	417	7							
		4		0	0	87	10	126	12	648	11							
		5		3	30	134	15	204	20	1,109	18							
		6		3	30	187	20	223	21	1,307	21							
		7	Excellent	4	40	373	41	326	31	2,187	36							
		—	Not applicable	0	0	3	0	14	1	48	1							
			Total	10	100	914	100	1,043	100	6,159	100							
c. Faculty	QIfaculty	1	Poor	0	0	13	1	12	1	54	1							
		2		1	10	8	1	17	2	83	1							
		3		0	0	48	5	51	5	271	4							
		4		1	10	85	9	96	9	615	10							
		5		4	40	194	21	268	26	1,501	24							
		6		3	30	278	30	317	30	1,929	31							
		7	Excellent	1	10	284	31	275	26	1,672	27							
		—	Not applicable	0	0	5	1	5	0	31	1							
			Total	10	100	915	100	1,041	100	6,156	100							

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				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Mean		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
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. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	38	4	28	3	207	3								
		2		2	20	24	3	42	4	221	4								
		3		0	0	62	7	83	8	436	7								
		4		1	10	124	14	137	13	758	12								
		5		3	30	163	18	213	20	1,251	20								
		6		1	10	180	20	210	20	1,196	19								
		7	Excellent	1	10	197	22	175	17	1,221	20								
		—	Not applicable	2	20	126	14	155	15	867	14								
	Total			10	100	914	100	1,043	100	6,157	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	2	20	43	5	35	3	223	4								
		2		0	0	32	4	64	6	302	5								
		3		1	10	70	8	76	7	435	7								
		4		0	0	127	14	160	15	901	15								
		5		3	30	189	21	232	22	1,359	22								
		6		2	20	198	22	238	23	1,382	22								
		7	Excellent	2	20	204	22	188	18	1,232	20								
		—	Not applicable	0	0	50	5	51	5	326	5								
	Total			10	100	913	100	1,044	100	6,160	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	10	1	13	1	90	1								
		2	Some	2	20	149	16	184	18	1,097	18								
		3	Quite a bit	5	50	409	45	471	45	2,864	47								
		4	Very much	3	30	345	38	374	36	2,105	34								
			Total			10	100	913	100	1,042	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	10	32	4	44	4	223	4								
		2	Some	0	0	208	23	245	24	1,379	22								
		3	Quite a bit	5	50	373	41	458	44	2,731	44								
		4	Very much	4	40	299	33	294	28	1,808	29								
			Total			10	100	912	100	1,041	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	20	71	8	71	7	415	7								
		2	Some	1	10	209	23	258	25	1,428	23								
		3	Quite a bit	4	40	330	36	429	41	2,462	40								
		4	Very much	3	30	305	33	284	27	1,852	30								
			Total			10	100	915	100	1,042	100								

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				Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		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	1	11	110	12	168	16	838	14						
		2	Some	3	33	281	31	358	34	1,980	32						
		3	Quite a bit	2	22	293	32	319	31	1,998	33						
		4	Very much	3	33	228	25	194	19	1,329	22						
		Total		9	100	912	100	1,039	100	6,145	100						
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	10	44	5	56	5	348	6						
		2	Some	1	10	197	22	264	25	1,557	25						
		3	Quite a bit	4	40	371	41	443	43	2,543	41						
		4	Very much	4	40	303	33	278	27	1,705	28						
		Total		10	100	915	100	1,041	100	6,153	100						
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	10	58	6	97	9	533	9						
		2	Some	2	20	228	25	287	28	1,666	27						
		3	Quite a bit	3	30	332	36	369	35	2,246	37						
		4	Very much	4	40	294	32	287	28	1,701	28						
		Total		10	100	912	100	1,040	100	6,146	100						
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	1	10	265	29	337	32	1,908	31						
		2	Some	5	50	338	37	366	35	2,276	37						
		3	Quite a bit	2	20	184	20	228	22	1,303	21						
		4	Very much	2	20	127	14	107	10	660	11						
		Total		10	100	914	100	1,038	100	6,147	100						
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	2	20	87	10	134	13	778	13						
		2	Some	3	30	228	25	330	32	1,896	31						
		3	Quite a bit	2	20	334	37	364	35	2,177	35						
		4	Very much	3	30	266	29	211	20	1,294	21						
		Total		10	100	915	100	1,039	100	6,145	100						
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	3	30	173	19	204	20	1,154	19						
		2	Some	4	40	323	35	406	39	2,368	39						
		3	Quite a bit	3	30	267	29	298	29	1,804	29						
		4	Very much	0	0	148	16	135	13	819	13						
		Total		10	100	911	100	1,043	100	6,145	100						

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
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	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ						
15. To what extent do you agree or disagree with the following statements?																											
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	2	20	12	2	10	1	65	2																
		2	Disagree	0	0	36	6	44	6	205	6																
	(Comparison data are limited to NSSE 2020.)	3	Agree	5	50	266	42	349	49	1,678	49																
		4	Strongly agree	3	30	316	50	313	44	1,474	43																
		Total		10	100	630	100	716	100	3,422	100																
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	2	20	39	6	38	5	179	5																
		2	Disagree	0	0	102	16	130	18	632	18																
	(Comparison data are limited to NSSE 2020.)	3	Agree	6	60	307	49	388	54	1,788	52																
		4	Strongly agree	2	20	180	29	160	22	820	24																
		Total		10	100	628	100	716	100	3,419	100																
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	1	10	21	3	27	4	134	4																
		2	Disagree	1	10	88	14	122	17	577	17																
	(Comparison data are limited to NSSE 2020.)	3	Agree	5	50	313	50	375	53	1,788	52																
		4	Strongly agree	3	30	207	33	190	27	921	27																
		Total		10	100	629	100	714	100	3,420	100																
16. 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	0	0 hrs	0	0	3	0	4	0	19	0																
		3	1-5 hrs	1	10	123	14	139	13	862	14																
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	5	50	222	24	249	24	1,472	24																
		13	11-15 hrs	3	30	194	21	214	21	1,296	21																
		18	16-20 hrs	0	0	160	18	176	17	1,105	18																
		23	21-25 hrs	1	10	99	11	118	11	656	11																
		28	26-30 hrs	0	0	54	6	69	7	370	6																
		33	More than 30 hrs	0	0	55	6	72	7	364	6																
		Total		10	100	910	100	1,041	100	6,144	100																
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	4	40	297	33	384	37	2,164	35																
		3	1-5 hrs	5	50	290	32	344	33	2,032	33																
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	1	10	134	15	150	14	908	15																
		13	11-15 hrs	0	0	95	10	75	7	480	8																
		18	16-20 hrs	0	0	48	5	43	4	280	5																
		23	21-25 hrs	0	0	16	2	22	2	140	2																
		28	26-30 hrs	0	0	14	2	8	1	50	1																
		33	More than 30 hrs	0	0	16	2	12	1	86	1																
		Total		10	100	910	100	1,038	100	6,140	100																

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Working for pay on campus	tmworkonhrs	0	0 hrs	8	80	637	70	666	64	4,006	65						
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	35	4	57	5	313	5						
	8	6-10 hrs	2	20	74	8	95	9	574	9							
	13	11-15 hrs	0	0	65	7	78	8	497	8							
	18	16-20 hrs	0	0	58	6	109	10	516	8							
	23	21-25 hrs	0	0	15	2	26	3	115	2							
	28	26-30 hrs	0	0	8	1	3	0	48	1							
	33	More than 30 hrs	0	0	17	2	5	0	69	1							
	Total				10	100	909	100	1,039	100	6,138						
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	1	10	390	43	434	42	2,534	41						
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	48	5	69	7	363	6						
	8	6-10 hrs	3	30	69	8	82	8	476	8							
	13	11-15 hrs	0	0	58	6	76	7	506	8							
	18	16-20 hrs	1	10	95	10	116	11	649	11							
	23	21-25 hrs	2	20	77	8	90	9	498	8							
	28	26-30 hrs	2	20	55	6	70	7	370	6							
	33	More than 30 hrs	1	10	116	13	105	10	743	12							
	Total				10	100	908	100	1,042	100	6,139						
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)														
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	7	70	326	36	419	40	2,539	41						
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	20	389	43	442	42	2,499	41						
	8	6-10 hrs	1	10	91	10	90	9	555	9							
	13	11-15 hrs	0	0	53	6	47	5	263	4							
	18	16-20 hrs	0	0	15	2	18	2	117	2							
	23	21-25 hrs	0	0	14	2	11	1	73	1							
	28	26-30 hrs	0	0	7	1	6	1	30	0							
	33	More than 30 hrs	0	0	14	2	9	1	63	1							
	Total				10	100	909	100	1,042	100	6,139						

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with					
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ				
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	10	19	2	25	2	125	2														
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	20	254	28	278	27	1,691	28														
		8	6-10 hrs	1	10	261	29	310	30	1,782	29														
		13	11-15 hrs	4	40	174	19	189	18	1,153	19														
		18	16-20 hrs	1	10	90	10	126	12	682	11														
		23	21-25 hrs	0	0	46	5	48	5	319	5														
		28	26-30 hrs	1	10	22	2	27	3	140	2														
		33	More than 30 hrs	0	0	39	4	39	4	248	4														
		Total			10	100	905	100	1,042	100	6,140	100													
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	7	70	653	72	771	74	4,412	72														
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	20	87	10	106	10	624	10														
		8	6-10 hrs	0	0	35	4	39	4	250	4														
		13	11-15 hrs	1	10	23	3	15	1	150	2														
		18	16-20 hrs	0	0	14	2	23	2	116	2														
		23	21-25 hrs	0	0	8	1	8	1	62	1														
		28	26-30 hrs	0	0	5	1	4	0	38	1														
		33	More than 30 hrs	0	0	82	9	74	7	491	8														
	Total			10	100	907	100	1,040	100	6,143	100														
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	0	0	124	14	144	14	1,066	17														
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	60	495	55	597	57	3,328	54														
		8	6-10 hrs	3	30	167	18	168	16	1,029	17														
		13	11-15 hrs	1	10	63	7	60	6	369	6														
		18	16-20 hrs	0	0	14	2	32	3	123	2														
		23	21-25 hrs	0	0	11	1	8	1	59	1														
		28	26-30 hrs	0	0	5	1	3	0	35	1														
		33	More than 30 hrs	0	0	28	3	28	3	134	2														
	Total			10	100	907	100	1,040	100	6,143	100														

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Count				Count				Count				Count				Mean				Mean				Mean				Mean			
				%				%				%				%				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ			
				%				%				%				%				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ			
17. 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	1	10	170	19	155	15	954	16																							
			2	Some	8	80	342	38	340	33	2,052	33																							
			3	About half	0	0	215	24	265	25	1,614	26																							
			4	Most	1	10	129	14	187	18	1,079	18																							
			5	Almost all	0	0	56	6	94	9	448	7																							
				Total	10	100	912	100	1,041	100	6,147	100																							
		tmreadinghrs																																	
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																																			
		tmreadinghrscol	1	0 hrs	0	0	3	0	4	0	19	0																							
		(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	8	80	523	58	524	50	3,260	53																							
			3	More than 5, up to 10 hrs	2	20	232	26	286	28	1,626	27																							
			4	More than 10, up to 15 hrs	0	0	78	9	112	11	624	10																							
			5	More than 15, up to 20 hrs	0	0	32	4	59	6	309	5																							
			6	More than 20, up to 25 hrs	0	0	29	3	38	4	207	3																							
			7	More than 25 hrs	0	0	11	1	16	2	80	1																							
				Total	10	100	908	100	1,039	100	6,125	100																							
18. 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	1	Very little	1	10	42	5	41	4	275	4																							
			2	Some	3	30	202	22	242	23	1,399	23																							
			3	Quite a bit	4	40	358	39	435	42	2,547	41																							
			4	Very much	2	20	311	34	323	31	1,924	31																							
				Total	10	100	913	100	1,041	100	6,145	100																							

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		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		Effect size ⁿ	
				%	%	%	%	%	%	Mean	Mean						
b. Speaking clearly and effectively	pgspeak	1	Very little	1	10	48	5	65	6	383	6						
		2	Some	2	20	203	22	252	24	1,462	24						
		3	Quite a bit	3	30	341	37	418	40	2,406	39						
		4	Very much	4	40	318	35	305	29	1,898	31						
		Total		10	100	910	100	1,040	100	6,149	100						
c. Thinking critically and analytically	pgthink	1	Very little	1	10	16	2	17	2	111	2						
		2	Some	1	10	125	14	128	12	785	13						
		3	Quite a bit	4	40	348	38	437	42	2,506	41						
		4	Very much	4	40	424	46	460	44	2,749	45						
		Total		10	100	913	100	1,042	100	6,151	100						
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	20	74	8	75	7	450	7						
		2	Some	2	20	220	24	290	28	1,665	27						
		3	Quite a bit	4	40	330	36	404	39	2,343	38						
		4	Very much	2	20	287	32	267	26	1,679	27						
		Total		10	100	911	100	1,036	100	6,137	100						
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	10	47	5	60	6	362	6						
		2	Some	1	10	197	22	230	22	1,376	22						
		3	Quite a bit	5	50	305	33	406	39	2,286	37						
		4	Very much	3	30	362	40	345	33	2,127	35						
		Total		10	100	911	100	1,041	100	6,151	100						
f. Working effectively with others	pgothers	1	Very little	1	10	32	4	35	3	218	4						
		2	Some	1	10	176	19	187	18	1,193	19						
		3	Quite a bit	6	60	339	37	442	43	2,517	41						
		4	Very much	2	20	364	40	373	36	2,217	36						
		Total		10	100	911	100	1,037	100	6,145	100						
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	1	10	74	8	88	8	552	9						
		2	Some	3	30	219	24	272	26	1,536	25						
		3	Quite a bit	4	40	312	34	382	37	2,230	36						
		4	Very much	2	20	306	34	300	29	1,824	30						
		Total		10	100	911	100	1,042	100	6,142	100						

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Mean		Effect size ⁿ		Effect size ⁿ			
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	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	10	80	9	81	8	505	8								
		2	Some	4	40	209	23	316	30	1,579	26								
		3	Quite a bit	2	20	315	35	347	33	2,241	36								
		4	Very much	3	30	309	34	293	28	1,822	30								
		Total		10	100	913	100	1,037	100	6,147	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	1	11	52	6	58	6	413	7								
		2	Some	1	11	224	25	306	29	1,622	26								
		3	Quite a bit	5	56	347	38	392	38	2,400	39								
		4	Very much	2	22	286	31	285	27	1,712	28								
		Total		9	100	909	100	1,041	100	6,147	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	1	10	83	9	112	11	622	10								
		2	Some	3	30	257	28	299	29	1,794	29								
		3	Quite a bit	3	30	313	34	378	36	2,174	35								
		4	Very much	3	30	257	28	251	24	1,554	25								
		Total		10	100	910	100	1,040	100	6,144	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	1	10	16	2	15	1	90	1								
		2	Fair	0	0	82	9	109	10	622	10								
		3	Good	6	60	404	44	485	47	2,794	45								
		4	Excellent	3	30	410	45	433	42	2,660	43								
		Total		10	100	912	100	1,042	100	6,166	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	1	9	32	3	36	3	212	3								
		2	Probably no	2	18	81	9	123	12	695	11								
		3	Probably yes	3	27	281	31	410	39	2,296	37								
		4	Definitely yes	5	45	521	57	478	46	2,969	48								
		Total		11	100	915	100	1,047	100	6,172	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
22a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	18	95	693	86	712	83	3,856	80	9	82	784	86	883	85	5,105	83	
		More than one	1	5	115	14	147	17	938	20	2	18	131	14	159	15	1,070	17	
		Total	19	100	808	100	859	100	4,794	100	11	100	915	100	1,042	100	6,175	100	
	First major or expected first major, in NSSE's default related-major categories. <i>(This does not reflect any customization made for the Major Field Report.)</i>	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	2	0	9	1	42	1	0	0	7	1	4	0	41	1
			Biological Sci., Agriculture, & Natural Resources	7	37	278	34	269	31	1,542	32	3	27	262	28	267	26	1,931	31
			Physical Sci., Mathematics, & Computer Science	0	0	1	0	2	0	18	0	0	0	1	0	4	0	13	0
			Social Sciences	0	0	10	1	14	2	82	2	0	0	10	1	17	2	96	2
			Business	0	0	1	0	10	1	33	1	0	0	5	1	7	1	44	1
			Communications, Media, & Public Relations	0	0	2	0	5	1	20	0	0	0	1	0	1	0	9	0
			Education	0	0	2	0	8	1	20	0	0	0	3	0	8	1	28	0
			Engineering	0	0	1	0	2	0	11	0	0	0	2	0	5	0	18	0
			Health Professions	4	21	425	52	414	48	2,491	52	3	27	414	45	452	43	2,770	45
			Social Service Professions	0	0	3	0	5	1	15	0	0	0	2	0	1	0	18	0
All Other			8	42	88	11	123	14	547	11	5	45	213	23	281	27	1,223	20	
Undecided, Undeclared			0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	
Total	19	100	813	100	861	100	4,823	100	11	100	920	100	1,047	100	6,192	100			
Second major or expected second major, in NSSE's default related-major categories. <i>(This does not reflect any customization made for the Major Field Report.)</i>	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	0	0	6	5	10	7	70	8	0	0	5	4	13	8	62	6	
		Biological Sci., Agriculture, & Natural Resources	0	0	36	32	55	38	321	35	1	50	38	30	56	36	378	36	
		Physical Sci., Mathematics, & Computer Science	0	0	2	2	2	1	20	2	0	0	0	0	1	1	10	1	
		Social Sciences	0	0	9	8	11	8	75	8	0	0	9	7	11	7	93	9	
		Business	0	0	5	4	6	4	44	5	0	0	4	3	5	3	48	5	
		Communications, Media, & Public Relations	0	0	3	3	2	1	12	1	0	0	4	3	2	1	19	2	
		Education	0	0	2	2	7	5	20	2	0	0	5	4	8	5	41	4	
		Engineering	0	0	1	1	0	0	2	0	0	0	1	1	0	0	4	0	
		Health Professions	1	100	35	31	26	18	229	25	1	50	44	35	29	18	239	23	
		Social Service Professions	0	0	4	4	5	3	18	2	0	0	1	1	11	7	24	2	
		All Other	0	0	10	9	17	12	83	9	0	0	14	11	20	13	120	11	
		Undecided, Undeclared	0	0	0	0	3	2	19	2	0	0	1	1	1	1	13	1	
Total	1	100	113	100	144	100	913	100	2	100	126	100	157	100	1,051	100			
23. What is your class level?	class	Freshman/First-year	16	84	689	86	743	87	4,198	88	0	0	4	0	2	0	24	0	
		Sophomore	2	11	89	11	86	10	448	9	0	0	9	1	4	0	43	1	
		Junior	1	5	18	2	16	2	80	2	0	0	69	8	82	8	494	8	
		Senior	0	0	3	0	4	0	14	0	10	100	806	89	927	90	5,435	89	
		Unclassified	0	0	3	0	4	0	20	0	0	0	14	2	18	2	129	2	
		Total	19	100	802	100	853	100	4,760	100	10	100	902	100	1,033	100	6,125	100	

NSSE 2020 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

Item wording or description	Variable name	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	2	0	4	0	13	0	1	10	10	1	14	1	112	2
		1	0	0	1	0	3	0	20	0	1	10	22	2	30	3	177	3
		2	0	0	6	1	8	1	72	2	0	0	46	5	61	6	392	6
		3	0	0	10	1	11	1	153	3	1	10	74	8	83	8	601	10
		4	4	21	128	16	137	16	1,035	22	2	20	233	26	245	24	1,688	28
		5	6	32	322	40	319	37	1,752	37	2	20	284	31	326	31	1,676	27
		6	5	26	199	25	227	27	1,044	22	1	10	121	13	149	14	793	13
		7 or more	4	21	136	17	146	17	679	14	2	20	117	13	129	12	696	11
Total	19	100	804	100	855	100	4,768	100	10	100	907	100	1,037	100	6,135	100		
b. Of these, how many are taught mostly or entirely online (most or all interactions with instructors and students take place online)?	onlinenum20	0	6	32	330	56	324	57	1,637	60	8	80	282	45	350	49	1,720	51
		1	8	42	139	24	150	27	633	23	2	20	163	26	177	25	844	25
		2	4	21	56	10	60	11	238	9	0	0	92	15	81	11	387	11
		3	1	5	12	2	18	3	89	3	0	0	26	4	35	5	182	5
		4	0	0	16	3	10	2	70	3	0	0	36	6	35	5	142	4
		5	0	0	19	3	3	1	45	2	0	0	13	2	17	2	62	2
		6	0	0	8	1	0	0	20	1	0	0	3	0	3	0	18	1
		7 or more	0	0	6	1	1	0	13	0	0	0	6	1	12	2	38	1
Total	19	100	586	100	566	100	2,745	100	10	100	621	100	710	100	3,393	100		
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum20.)	onlinecscol20	No courses taken online	6	32	330	56	324	57	1,636	60	8	80	282	45	350	49	1,718	51
		Some courses taken online	13	68	215	37	226	40	962	35	2	20	274	44	269	38	1,341	40
		All courses taken online	0	0	41	7	16	3	146	5	0	0	65	10	91	13	332	10
		Total	19	100	586	100	566	100	2,744	100	10	100	621	100	710	100	3,391	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	11	1	15	2	66	1	0	0	4	0	4	0	22	0
		C	1	5	23	3	20	2	96	2	0	0	16	2	16	2	95	2
		C+	0	0	41	5	33	4	179	4	2	20	41	5	44	4	210	3
		B-	3	16	56	7	54	6	288	6	1	10	49	5	50	5	365	6
		B	3	16	136	17	144	17	780	16	0	0	131	14	195	19	1,019	17
		B+	2	11	145	18	137	16	842	18	1	10	168	19	169	16	1,064	17
		A-	0	0	147	18	184	22	1,028	22	3	30	158	17	218	21	1,333	22
		A	10	53	241	30	261	31	1,472	31	3	30	337	37	339	33	2,016	33
		Total	19	100	800	100	848	100	4,751	100	10	100	904	100	1,035	100	6,124	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	16	89	729	91	762	90	4,331	91	4	40	507	56	612	59	3,465	57
		Started elsewhere	2	11	71	9	86	10	414	9	6	60	395	44	421	41	2,643	43
		Total	18	100	800	100	848	100	4,745	100	10	100	902	100	1,033	100	6,108	100

NSSE 2020 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

Item wording or description	Variable name	Response options	Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	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	0	0	18	2	23	3	146	3	0	0	53	6	42	4	356	6	0	0	53	6	42	4	356	6								
	attend_com	Community or junior college	4	21	79	10	86	10	480	10	8	80	394	44	375	37	2,557	42	8	80	394	44	375	37	2,557	42								
	attend_col	4-year college or university other than this one	2	11	67	8	76	9	370	8	2	20	261	29	269	26	1,597	26	2	20	261	29	269	26	1,597	26								
	attend_none	None	14	74	625	79	668	79	3,735	79	2	20	349	39	466	46	2,513	41	2	20	349	39	466	46	2,513	41								
	attend_other	Other	0	0	19	2	13	2	110	2	0	0	12	1	25	2	171	3	0	0	12	1	25	2	171	3								
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	2	11	66	8	54	6	353	7	0	0	47	5	54	5	355	6	0	0	47	5	54	5	355	6								
		Bachelor's degree (B.A., B.S., etc.)	8	42	232	29	306	36	1,590	33	5	50	240	26	367	36	2,042	33	5	50	240	26	367	36	2,042	33								
		Master's degree (M.A., M.S., etc.)	5	26	209	26	259	30	1,350	28	3	30	360	40	423	41	2,388	39	3	30	360	40	423	41	2,388	39								
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	4	21	295	37	234	27	1,457	31	2	20	259	29	188	18	1,334	22	2	20	259	29	188	18	1,334	22								
		Total	19	100	802	100	853	100	4,750	100	10	100	906	100	1,032	100	6,119	100	10	100	906	100	1,032	100	6,119	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	19	2	19	2	176	4	0	0	24	3	45	4	284	5	0	0	24	3	45	4	284	5								
		High school diploma or G.E.D.	5	26	113	14	114	13	674	14	5	50	129	14	138	13	910	15	5	50	129	14	138	13	910	15								
		Attended college, but did not complete degree	3	16	77	10	76	9	476	10	1	10	97	11	100	10	672	11	1	10	97	11	100	10	672	11								
		Associate's degree (A.A., A.S., etc.)	1	5	67	8	87	10	493	10	0	0	90	10	125	12	644	11	0	0	90	10	125	12	644	11								
		Bachelor's degree (B.A., B.S., etc.)	7	37	282	35	302	36	1,547	33	1	10	289	32	344	33	1,942	32	1	10	289	32	344	33	1,942	32								
		Master's degree (M.A., M.S., etc.)	3	16	168	21	182	21	987	21	0	0	199	22	195	19	1,196	20	0	0	199	22	195	19	1,196	20								
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	73	9	68	8	384	8	3	30	76	8	81	8	453	7	3	30	76	8	81	8	453	7								
		Total	19	100	799	100	848	100	4,737	100	10	100	904	100	1,028	100	6,101	100	10	100	904	100	1,028	100	6,101	100								
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	10	53	523	65	552	65	2,918	62	4	40	564	62	620	60	3,591	59	4	40	564	62	620	60	3,591	59								
		First-generation	9	47	276	35	296	35	1,819	38	6	60	340	38	408	40	2,510	41	6	60	340	38	408	40	2,510	41								
		Total	19	100	799	100	848	100	4,737	100	10	100	904	100	1,028	100	6,101	100	10	100	904	100	1,028	100	6,101	100								
30. What is your gender identity?	genderid	Man	4	21	138	17	153	18	908	19	3	30	159	18	192	19	1,255	21	3	30	159	18	192	19	1,255	21								
		Woman	15	79	656	82	688	81	3,759	79	7	70	733	81	825	80	4,755	78	7	70	733	81	825	80	4,755	78								
		Another gender identity	0	0	5	1	6	1	40	1	0	0	7	1	5	0	36	1	0	0	7	1	5	0	36	1								
		I prefer not to respond	0	0	1	0	5	1	42	1	0	0	3	0	8	1	63	1	0	0	3	0	8	1	63	1								
		Total	19	100	800	100	852	100	4,749	100	10	100	902	100	1,030	100	6,109	100	10	100	902	100	1,030	100	6,109	100								
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	17	89	736	93	789	93	4,362	93	0	0	9	1	7	1	42	1	0	0	9	1	7	1	42	1								
		20-23	2	11	49	6	47	6	219	5	7	70	663	74	734	72	4,283	71	7	70	663	74	734	72	4,283	71								
		24-29	0	0	5	1	6	1	61	1	3	30	125	14	172	17	975	16	3	30	125	14	172	17	975	16								
		30-39	0	0	3	0	4	0	37	1	0	0	58	6	57	6	444	7	0	0	58	6	57	6	444	7								
		40-55	0	0	1	0	1	0	31	1	0	0	37	4	42	4	279	5	0	0	37	4	42	4	279	5								
		Over 55	0	0	1	0	0	0	5	0	0	0	9	1	9	1	45	1	0	0	9	1	9	1	45	1								
		Total	19	100	795	100	847	100	4,715	100	10	100	901	100	1,021	100	6,068	100	10	100	901	100	1,021	100	6,068	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
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	19	100	780	98	828	98	4,587	97	10	100	884	98	1,003	98	5,928	97	
		Yes	0	0	19	2	21	2	143	3	0	0	19	2	24	2	167	3	
		Total	19	100	799	100	849	100	4,730	100	10	100	903	100	1,027	100	6,095	100	
	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	1	6	3	17	15	13	0	0	2	11	2	10	10	7	7
		Asia	0	0	6	38	6	33	37	31	0	0	4	22	11	52	84	57	
		Canada	0	0	1	6	0	0	9	8	0	0	3	17	1	5	7	5	
		Europe	0	0	3	19	5	28	24	20	0	0	3	17	1	5	9	6	
		Latin America and Caribbean	0	0	2	13	3	17	22	18	0	0	4	22	5	24	24	16	
		Middle East and North Africa	0	0	2	13	0	0	6	5	0	0	1	6	1	5	7	5	
		Oceania	0	0	1	6	1	6	6	5	0	0	1	6	0	0	6	4	
Unknown region/uncoded		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	0	0	16	100	18	100	119	100	0	0	18	100	21	100	147	100			
33. How would you describe yourself? (Select all that apply.)	re_amind	American Indian or Alaska Native	0	0	28	4	20	2	110	2	0	0	7	1	15	1	106	2	
	re_asian	Asian	1	5	37	5	43	5	322	7	0	0	32	4	47	5	416	7	
	re_black	Black or African American	0	0	110	14	81	10	367	8	1	10	141	16	90	9	440	7	
	re_latino	Hispanic or Latina/o	0	0	59	7	118	14	640	14	0	0	67	7	132	13	696	11	
	re_mena	Middle Eastern or N. African	0	0	7	1	6	1	45	1	0	0	7	1	7	1	44	1	
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	5	1	8	1	46	1	0	0	5	1	7	1	78	1	
	re_white	White	18	95	628	79	664	78	3,633	77	10	100	696	77	792	77	4,675	77	
	re_another	Another race or ethnicity	0	0	10	1	9	1	46	1	0	0	13	1	16	2	79	1	
	re_pnr	I prefer not to respond	0	0	6	1	10	1	76	2	0	0	9	1	19	2	136	2	
	Racial or ethnic identification	re_all19	American Indian or Alaska Native	0	0	6	1	6	1	28	1	0	0	3	0	5	0	29	0
(Items re_amind to re_pnr recoded where each student is represented only once)		Asian	1	5	21	3	24	3	199	4	0	0	15	2	33	3	280	5	
Black or African American		0	0	86	11	52	6	264	6	0	0	121	13	76	7	353	6		
Hispanic or Latina/o		0	0	27	3	71	8	410	9	0	0	33	4	82	8	456	7		
Middle Eastern or N. African		0	0	3	0	2	0	20	0	0	0	5	1	3	0	24	0		
Native Hawaiian/Other Pac. Islander		0	0	1	0	1	0	7	0	0	0	3	0	1	0	29	0		
White		18	95	558	70	583	69	3,234	68	9	90	636	71	709	69	4,261	70		
Another race or ethnicity		0	0	5	1	7	1	21	0	0	0	8	1	10	1	43	1		
Multiracial		0	0	83	10	91	11	472	10	1	10	69	8	91	9	491	8		
I prefer not to respond		0	0	6	1	10	1	76	2	0	0	9	1	19	2	136	2		
Total	19	100	796	100	847	100	4,731	100	10	100	902	100	1,029	100	6,102	100			
34. Are you a member of a social fraternity or sorority?	greek	No	16	84	677	85	763	90	4,219	89	8	80	767	85	918	89	5,374	88	
		Yes	3	16	120	15	83	10	514	11	2	20	137	15	110	11	733	12	
		Total	19	100	797	100	846	100	4,733	100	10	100	904	100	1,028	100	6,107	100	

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Ag and Human Ecology

			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
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)	11	61	569	72	676	80	3,455	73	0	0	95	11	89	9	793	13
		Fraternity or sorority house	0	0	5	1	8	1	67	1	0	0	13	1	19	2	97	2
		House, apartment, or other residence within walking distance to campus	2	11	45	6	43	5	268	6	5	50	232	26	363	35	1,728	28
		House, apartment, or other residence farther than walk. dist. to campus	5	28	164	21	107	13	838	18	5	50	517	57	496	48	3,084	51
		Not applicable: No campus, entirely online program, etc.	0	0	7	1	8	1	77	2	0	0	41	5	55	5	369	6
		Not applicable: Homeless or in transition	0	0	2	0	0	0	7	0	0	0	3	0	3	0	17	0
		Total	18	100	792	100	842	100	4,712	100	10	100	901	100	1,025	100	6,088	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	19	100	759	95	808	95	4,386	93	10	100	869	97	990	96	5,815	96
		Yes	0	0	37	5	39	5	337	7	0	0	28	3	36	4	274	4
		Total	19	100	796	100	847	100	4,723	100	10	100	897	100	1,026	100	6,089	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	19	100	788	99	843	100	4,686	99	10	100	877	98	998	97	5,857	96
		Yes	0	0	8	1	4	0	40	1	0	0	22	2	30	3	231	4
		Total	19	100	796	100	847	100	4,726	100	10	100	899	100	1,028	100	6,088	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	15	79	633	79	704	83	3,850	81	8	80	741	82	850	83	5,021	82
		Yes	4	21	132	17	119	14	714	15	0	0	138	15	155	15	897	15
		I prefer not to respond	0	0	32	4	25	3	168	4	2	20	23	3	23	2	182	3
		Total	19	100	797	100	848	100	4,732	100	10	100	902	100	1,028	100	6,100	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	0	0	14	11	10	8	77	11	0	0	15	11	19	12	100	11
		A mobility impairment	0	0	9	7	5	4	46	6	0	0	11	8	14	9	79	9
		A learning disability (e.g., ADHD, dyslexia)	2	50	52	39	45	38	280	39	0	0	62	45	56	36	371	41
		A mental health disorder	1	25	66	50	71	60	387	55	0	0	64	47	85	55	480	54
		A disability or impairment not listed above	2	50	35	27	20	17	135	19	0	0	24	18	31	20	167	19
		Disability or impairment	disability_all	A sensory impairment	0	0	12	2	4	0	41	1	0	0	8	1	7	1
(Items dis_sense to dis_other recoded where each student is represented only once.)		A mobility impairment	0	0	3	0	2	0	14	0	0	0	4	0	6	1	29	0
		A learning disability	2	11	29	4	31	4	163	3	0	0	41	5	28	3	206	3
		A mental health disorder	0	0	37	5	47	6	247	5	0	0	38	4	55	5	279	5
		A disability or impairment not listed	1	5	16	2	8	1	68	1	0	0	11	1	19	2	90	1
		More than one disability or impairment	1	5	35	4	27	3	177	4	0	0	35	4	40	4	246	4
		No disability or impairment	15	79	633	79	704	83	3,850	81	8	80	741	82	850	83	5,021	82
		Prefer not to respond	0	0	32	4	25	3	168	4	2	20	23	3	23	2	182	3
		Total	19	100	797	100	848	100	4,728	100	10	100	901	100	1,028	100	6,097	100

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
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)	16	89	672	84	702	83	3,913	83	7	70	786	87	858	83	5,137	84
		Bisexual	1	6	61	8	66	8	373	8	1	10	48	5	63	6	355	6
		Gay	0	0	5	1	8	1	36	1	0	0	9	1	17	2	85	1
		Lesbian	0	0	12	2	6	1	56	1	0	0	9	1	15	1	76	1
		Queer	0	0	3	0	11	1	47	1	0	0	6	1	11	1	65	1
		Questioning or unsure	0	0	11	1	16	2	78	2	0	0	9	1	14	1	80	1
		Another sexual orientation	0	0	13	2	13	2	71	1	0	0	8	1	16	2	66	1
		I prefer not to respond	1	6	20	3	27	3	160	3	2	20	26	3	34	3	236	4
Total			18	100	797	100	849	100	4,734	100	10	100	901	100	1,028	100	6,100	100
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	15	79	668	82	704	82	3,874	80	8	73	756	82	853	81	4,888	79
		Male	4	21	142	17	156	18	943	20	3	27	163	18	194	19	1,300	21
		Another	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
		Unknown	0	0	3	0	1	0	4	0	0	0	1	0	0	0	7	0
		Total			19	100	813	100	861	100	4,824	100	11	100	920	100	1,047	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	4	1	2	0	20	0	0	0	5	1	3	0	45	1
		Asian	0	0	11	2	13	2	149	4	0	0	9	1	20	2	203	4
		Black or African American	0	0	80	11	45	6	224	5	0	0	120	15	77	9	316	6
		Hispanic or Latino	0	0	49	7	92	12	513	12	0	0	59	7	98	11	544	10
		Native Hawaiian/Other Pac. Islander	0	0	0	0	6	1	17	0	0	0	1	0	5	1	37	1
		White	17	89	510	71	523	70	2,902	69	10	91	549	69	599	69	3,750	70
		Other	0	0	0	0	2	0	3	0	0	0	0	0	1	0	1	0
		Foreign or nonresident	0	0	6	1	14	2	92	2	0	0	12	2	18	2	131	2
		Two or more races/ethnicities	2	11	40	6	29	4	185	4	1	9	20	3	27	3	191	4
Total			19	100	715	100	746	100	4,222	100	11	100	797	100	867	100	5,360	100
Institution-reported: Class level	IRclass	Freshman/First-year	19	100	813	100	861	100	4,824	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	11	100	920	100	1,047	100	6,195	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			19	100	813	100	861	100	4,824	100	11	100	920	100	1,047	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	3	16	240	30	54	6	556	12	11	100	914	99	1,043	100	6,157	99
		First-time first-year	16	84	573	70	807	94	4,268	88	0	0	6	1	4	0	38	1
		Total			19	100	813	100	861	100	4,824	100	11	100	920	100	1,047	100
Institution-reported: Enrollment status	IREnrollment	Not full-time	0	0	15	2	16	2	165	3	3	27	118	13	120	11	832	13
		Full-time	19	100	798	98	845	98	4,659	97	8	73	802	87	927	89	5,363	87
		Total			19	100	813	100	861	100	4,824	100	11	100	920	100	1,047	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.