
Tennessee Technological University

NSSE 2019 Major Field Report, Part II

Comparisons to Other Institutions

Business

*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 'Business' includes the following majors: Accounting; Business administration; Economics; Entrepreneurial studies; Finance; Hospitality and tourism; International business; International relations; Management; Management information systems; Marketing; Organizational leadership or behavior; Other business; Public administration, policy; Supply chain and operations management.

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: Business.

NSSE results included in MFR, Part II

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

Related-Major Groups

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

Sample

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

Class

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

Technical Requirements

Frequencies will be reported for related-major groups that have at least 5 respondents, but NSSE requires a group to have at least 20 respondents for statistical comparisons (e.g., means and t-tests). Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

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

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

Engagement Indicators: Overview

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

Use the following key:

- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- No significant difference.
- ▲ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

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

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

Engagement Indicators: Business

Tennessee Technological University

First-year students^a in Business

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 35)	35.4	13.9	2.35	15	25	35	45	60				
Carnegie Class	38.3	12.6	.16	20	30	40	45	60	6,485	-2.9		-.228
Quality Assurance	37.7	12.8	.87	20	30	40	45	60	252	-2.3		-.174
NSSE 2018 & 2019	38.1	12.9	.07	20	30	40	45	60	30,104	-2.6		-.204
Reflective & Integrative Learning												
Tennessee Tech (N = 35)	32.4	11.0	1.86	11	26	31	40	51				
Carnegie Class	36.1	11.6	.14	20	29	37	43	57	6,581	-3.7		-.316
Quality Assurance	35.9	12.5	.85	17	26	37	46	60	250	-3.5		-.286
NSSE 2018 & 2019	35.7	11.7	.07	17	29	34	43	57	30,504	-3.3		-.283
Learning Strategies												
Tennessee Tech (N = 35)	40.2	13.9	2.34	20	33	40	53	60				
Carnegie Class	38.2	13.4	.17	20	27	40	47	60	6,530	2.0		.148
Quality Assurance	40.2	13.3	.91	20	33	40	53	60	249	.0		-.002
NSSE 2018 & 2019	38.3	13.6	.08	20	27	40	47	60	30,171	1.9		.141
Quantitative Reasoning												
Tennessee Tech (N = 34)	34.7	13.1	2.25	13	27	33	40	60				
Carnegie Class	30.6	14.7	.18	7	20	27	40	60	6,496	4.1		.279
Quality Assurance	30.8	15.4	1.04	7	20	27	40	60	249	4.0		.262
NSSE 2018 & 2019	30.0	14.9	.09	7	20	27	40	60	30,057	4.7		.317
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 35)	36.9	12.8	2.17	10	30	35	45	60				
Carnegie Class	35.6	13.7	.17	15	25	35	45	60	6,554	1.3		.092
Quality Assurance	33.0	15.5	1.05	10	20	30	45	60	51	3.8		.253
NSSE 2018 & 2019	32.8	14.6	.08	5	20	35	40	60	30,388	4.0		.277
Discussions with Diverse Others												
Tennessee Tech (N = 35)	40.6	15.1	2.55	15	30	40	55	60				
Carnegie Class	41.4	14.7	.18	20	30	40	55	60	6,518	-.8		-.057
Quality Assurance	39.4	15.4	1.05	15	30	40	55	60	249	1.2		.078
NSSE 2018 & 2019	39.5	15.5	.09	15	30	40	55	60	30,160	1.1		.072

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Engagement Indicators: Business

Tennessee Technological University

First-year students^a in Business

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 34)	26.3	15.5	2.66	5	15	25	35	55				
Carnegie Class	22.5	14.7	.18	0	10	20	30	50	6,498	3.9		.262
Quality Assurance	23.1	16.6	1.13	0	10	20	35	60	247	3.2		.196
NSSE 2018 & 2019	22.2	14.8	.09	0	10	20	30	50	30,118	4.1		.277
Effective Teaching Practices												
Tennessee Tech (N = 35)	40.3	14.3	2.42	16	28	40	56	60				
Carnegie Class	37.8	12.4	.15	20	28	40	45	60	6,567	2.5		.203
Quality Assurance	39.2	12.4	.84	16	32	40	48	60	251	1.1		.086
NSSE 2018 & 2019	38.5	12.9	.07	20	28	40	48	60	30,465	1.9		.144
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 35)	47.7	8.9	1.51	30	43	50	54	60				
Carnegie Class	42.3	11.6	.15	22	36	44	50	60	6,349	5.5	**	.473
Quality Assurance	42.3	12.4	.85	20	34	42	50	60	58	5.5	**	.460
NSSE 2018 & 2019	42.7	12.0	.07	20	36	44	52	60	34	5.1	**	.420
Supportive Environment												
Tennessee Tech (N = 35)	36.7	12.6	2.13	20	30	35	45	60				
Carnegie Class	36.9	12.9	.16	18	28	38	45	60	6,538	-.2		-.017
Quality Assurance	36.3	13.8	.93	13	28	38	45	60	252	.4		.029
NSSE 2018 & 2019	36.1	13.4	.08	15	28	38	45	60	30,277	.6		.045

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Engagement Indicators: Business

Tennessee Technological University

Seniors^a in Business

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 53)	35.8	14.0	1.92	5	30	40	40	60				
Carnegie Class	38.6	13.3	.14	20	30	40	50	60	8,813	-2.8		-.208
Quality Assurance	39.1	14.1	.87	15	30	40	50	60	317	-3.3		-.233
NSSE 2018 & 2019	39.4	13.3	.06	20	30	40	50	60	44,865	-3.6		-.267
Reflective & Integrative Learning												
Tennessee Tech (N = 53)	31.7	11.8	1.62	11	26	31	40	51				
Carnegie Class	37.6	11.8	.13	20	29	37	46	60	8,915	-5.9	***	-.498
Quality Assurance	36.5	12.4	.75	14	29	37	46	60	323	-4.8	**	-.393
NSSE 2018 & 2019	37.7	12.0	.06	20	29	37	46	60	45,385	-6.1	***	-.505
Learning Strategies												
Tennessee Tech (N = 52)	34.9	15.0	2.08	0	27	33	47	60				
Carnegie Class	36.6	14.1	.15	13	27	40	47	60	8,825	-1.8		-.125
Quality Assurance	39.0	14.4	.88	20	27	40	53	60	319	-4.1		-.284
NSSE 2018 & 2019	37.8	14.3	.07	13	27	40	47	60	44,867	-2.9		-.205
Quantitative Reasoning												
Tennessee Tech (N = 51)	33.3	15.0	2.10	13	20	33	40	60				
Carnegie Class	33.1	15.1	.16	7	20	33	40	60	8,811	.3		.017
Quality Assurance	32.3	16.0	.98	7	20	33	40	60	317	1.1		.068
NSSE 2018 & 2019	32.5	15.3	.07	7	20	33	40	60	44,782	.8		.052
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 53)	35.6	14.4	1.98	10	25	35	45	60				
Carnegie Class	35.4	13.7	.15	15	25	35	45	60	8,867	.2		.014
Quality Assurance	34.4	15.0	.92	10	25	35	45	60	320	1.1		.076
NSSE 2018 & 2019	31.9	15.3	.07	5	20	30	40	60	45,130	3.7		.243
Discussions with Diverse Others												
Tennessee Tech (N = 53)	35.6	18.0	2.48	0	20	40	50	60				
Carnegie Class	41.4	15.1	.16	15	30	40	55	60	52	-5.8	*	-.382
Quality Assurance	41.0	15.5	.94	20	30	40	60	60	322	-5.4	*	-.339
NSSE 2018 & 2019	39.8	16.0	.08	15	30	40	55	60	44,787	-4.3		-.266

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Engagement Indicators: Business

Tennessee Technological University

Seniors^a in Business

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 53)	22.9	16.1	2.21	0	10	20	35	55				
Carnegie Class	23.1	15.3	.16	0	10	20	35	55	8,811	-.2		-.012
Quality Assurance	24.0	16.9	1.03	0	10	20	35	60	320	-1.0		-.062
NSSE 2018 & 2019	22.5	15.8	.07	0	10	20	35	55	44,861	.4		.026
Effective Teaching Practices												
Tennessee Tech (N = 53)	35.1	12.9	1.77	16	28	36	44	60				
Carnegie Class	38.3	12.9	.14	16	28	40	48	60	8,900	-3.2		-.251
Quality Assurance	38.9	14.5	.88	15	28	40	52	60	323	-3.8		-.264
NSSE 2018 & 2019	39.2	13.5	.06	16	32	40	48	60	45,302	-4.1	*	-.303
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 51)	44.4	11.0	1.54	26	38	46	52	60				
Carnegie Class	41.5	12.0	.13	20	34	42	50	60	8,538	2.9		.240
Quality Assurance	42.2	12.2	.76	18	36	44	50	60	306	2.2		.183
NSSE 2018 & 2019	42.8	12.3	.06	20	36	44	52	60	42,598	1.5		.125
Supportive Environment												
Tennessee Tech (N = 53)	30.1	12.5	1.72	8	23	30	40	48				
Carnegie Class	32.9	13.4	.14	10	23	33	40	58	8,853	-2.8		-.211
Quality Assurance	33.4	14.4	.87	13	23	33	45	60	323	-3.3		-.238
NSSE 2018 & 2019	32.3	14.0	.07	10	23	33	40	58	45,008	-2.2		-.160

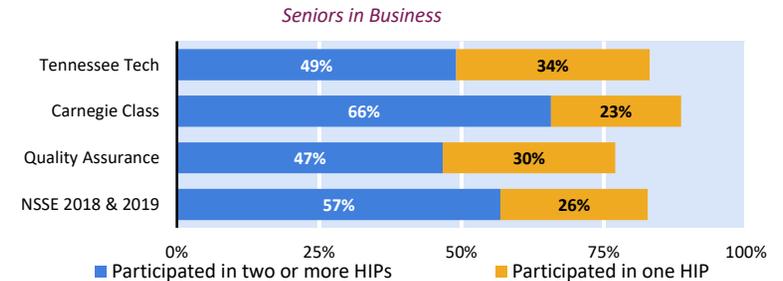
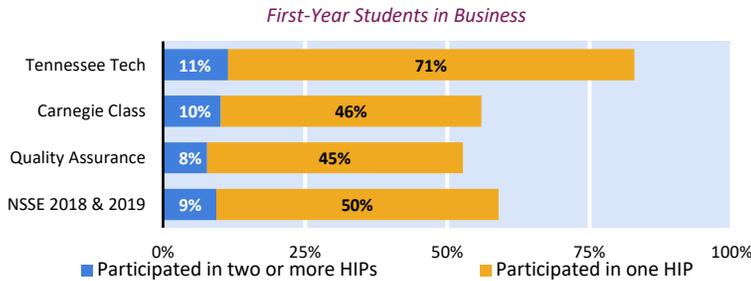
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High-Impact Practices: Business

Tennessee Technological University

Overall HIP Participation^{a,h}

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



Statistical Comparisons

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

	Tennessee Tech	<i>Your students' participation compared with:</i>								
		Carnegie Class		Quality Assurance		NSSE 2018 & 2019				
	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j		ES ^j	
<i>First-Year Students in Business</i>										
12. Service-Learning	80	+31	*** .66	+31	*** .66	+26	** .57			
11c. Learning Community	11	-3	-.10	+3	.11	-1	-.02			
11e. Research with Faculty	6	+2	.09	+0	.01	+2	.09			
Participated in at least one	83	+27	** .60	+30	*** .66	+24	** .54			
Participated in two or more	11	+1	.04	+4	.13	+2	.07			
<i>Seniors in Business</i>										
12. Service-Learning	38	-18	** -.36	-12	-.24	-19	** -.38			
11c. Learning Community	21	-4	-.08	+1	.04	+0	.00			
11e. Research with Faculty	15	-0	-.01	+2	.06	+1	.03			
11a. Internship or Field Exp.	36	-21	** -.43	+4	.08	-11	-.21			
11d. Study Abroad	17	-12	-.28	+6	.16	-2	-.06			
11f. Culminating Senior Exp.	57	+9	.17	+14	.29	+11	.21			
Participated in at least one	83	-6	-.16	+6	.15	+0	.01			
Participated in two or more	49	-17	* -.34	+2	.05	-8	-.16			

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	2	6	214	3	7	3	947	3	2.5	2.8	-.32	3.0 **	-.52	2.9 *	-	-.40
		2	Sometimes	16	47	2,432	37	69	32	10,301	34								
		3	Often	12	35	2,361	36	63	29	11,032	36								
		4	Very often	4	12	1,549	24	80	37	8,237	27								
		Total		34	100	6,556	100	219	100	30,517	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	16	46	1,180	18	30	14	4,695	15	2.1	2.5	-.34	2.7 **	-.56	2.5 *	-	-.43
		2	Sometimes	6	17	2,363	36	66	30	10,708	35								
		3	Often	6	17	1,890	29	63	29	9,185	30								
		4	Very often	7	20	1,121	17	61	28	5,922	19								
		Total		35	100	6,554	100	220	100	30,510	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	2	6	438	7	16	7	1,538	5	3.1	2.9	.22	3.1	.00	3.1	.04	
		2	Often	4	11	1,116	17	20	9	3,840	13								
		3	Sometimes	18	51	3,620	55	113	51	16,662	55								
		4	Never	11	31	1,387	21	71	32	8,504	28								
		Total		35	100	6,561	100	220	100	30,544	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	3	9	2,439	37	70	32	12,133	40	2.3	1.9 **	.46	2.0	.33	1.9 **	.48	
		2	Sometimes	21	60	2,703	41	96	44	11,822	39								
		3	Often	8	23	988	15	34	15	4,583	15								
		4	Very often	3	9	428	7	20	9	2,009	7								
		Total		35	100	6,558	100	220	100	30,547	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	2	6	380	6	25	11	3,164	10	2.9	2.7	.13	2.6	.25	2.6	.30	
		2	Sometimes	9	26	2,317	35	79	36	11,395	37								
		3	Often	16	46	2,480	38	70	32	10,809	35								
		4	Very often	8	23	1,389	21	46	21	5,202	17								
		Total		35	100	6,566	100	220	100	30,570	100								
f. Explained course material to one or more students	CLexplain	1	Never	1	3	172	3	11	5	1,953	6	2.9	2.9	.08	2.7	.19	2.7	.24	
		2	Sometimes	10	29	2,079	32	83	38	10,589	35								
		3	Often	15	43	2,874	44	74	34	12,286	40								
		4	Very often	9	26	1,443	22	50	23	5,752	19								
		Total		35	100	6,568	100	218	100	30,580	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	1	3	603	9	37	17	4,366	14	2.8	2.7	.06	2.6	.22	2.6	.24	
		2	Sometimes	11	31	2,074	32	71	32	10,241	34								
		3	Often	17	49	2,307	35	59	27	10,068	33								
		4	Very often	6	17	1,576	24	53	24	5,885	19								
		Total		35	100	6,560	100	220	100	30,560	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	3	9	309	5	17	8	2,586	8	2.8	2.8	.01	2.7	.16	2.7	.13	
		2	Sometimes	7	20	2,255	34	82	37	10,410	34								
		3	Often	19	54	2,521	38	79	36	11,606	38								
		4	Very often	6	17	1,481	23	41	19	5,967	20								
		Total		35	100	6,566	100	219	100	30,569	100								
i. Given a course presentation	present	1	Never	4	11	1,112	17	40	18	4,762	16	2.4	2.4	-.01	2.5	-.10	2.5	-.06	
		2	Sometimes	17	49	2,665	41	71	32	11,881	39								
		3	Often	10	29	1,789	27	66	30	9,189	30								
		4	Very often	4	11	994	15	42	19	4,725	15								
		Total		35	100	6,560	100	219	100	30,557	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	6	477	7	20	9	2,257	7	2.6	2.6	-.09	2.6	-.08	2.6	-.06	
		2	Sometimes	14	40	2,433	37	82	38	11,772	39								
		3	Often	16	46	2,616	40	72	33	11,742	38								
		4	Very often	3	9	1,042	16	44	20	4,748	16								
		Total		35	100	6,568	100	218	100	30,519	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	3	9	460	7	28	13	2,367	8	2.3	2.7 *	-.43	2.6	-.28	2.6 **	-.39	
		2	Sometimes	20	57	2,371	36	78	36	11,287	37								
		3	Often	10	29	2,569	39	72	33	11,645	38								
		4	Very often	2	6	1,155	18	40	18	5,240	17								
		Total		35	100	6,555	100	218	100	30,539	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	7	20	530	8	26	12	2,780	9	2.4	2.7	-.29	2.6	-.22	2.6	-.25	
		2	Sometimes	10	29	2,387	36	82	38	11,435	37								
		3	Often	15	43	2,455	37	59	27	10,985	36								
		4	Very often	3	9	1,178	18	50	23	5,306	17								
		Total		35	100	6,550	100	217	100	30,506	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

Item wording or description				Variable name ^l				Frequency Distributions				Statistical Comparisons ^k												
								Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
								Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Examined the strengths and weaknesses of your own views on a topic or issue				RIownview				1	Never	2	6	252	4	13	6	1,233	4	2.6	2.8	-.30	2.9	-.34	2.8	-.29
								2	Sometimes	14	40	1,997	30	58	26	9,372	31							
								3	Often	16	46	3,048	47	96	44	14,065	46							
								4	Very often	3	9	1,256	19	52	24	5,821	19							
								Total		35	100	6,553	100	219	100	30,491	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective				RIperspect				1	Never	3	9	145	2	7	3	784	3	2.7	2.9 *	-.36	3.0 *	-.38	2.9 *	-.33
								2	Sometimes	12	34	1,730	26	56	26	8,238	27							
								3	Often	14	40	3,112	48	90	41	14,187	47							
								4	Very often	6	17	1,563	24	65	30	7,259	24							
								Total		35	100	6,550	100	218	100	30,468	100							
f. Learned something that changed the way you understand an issue or concept				RInewview				1	Never	3	9	146	2	5	2	786	3	2.9	2.9	-.02	2.8	.02	2.9	-.01
								2	Sometimes	6	17	1,944	30	71	32	9,060	30							
								3	Often	19	54	3,063	47	96	44	14,064	46							
								4	Very often	7	20	1,390	21	47	21	6,506	21							
								Total		35	100	6,543	100	219	100	30,416	100							
g. Connected ideas from your courses to your prior experiences and knowledge				RIconnect				1	Never	0	0	65	1	3	1	340	1	3.0	3.0	-.10	3.1	-.14	3.0	-.09
								2	Sometimes	7	20	1,306	20	47	22	6,479	21							
								3	Often	22	63	3,430	53	97	45	15,376	51							
								4	Very often	6	17	1,729	26	69	32	8,221	27							
								Total		35	100	6,530	100	216	100	30,416	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	5	14	1,140	17	37	17	5,890	19	2.6	2.4	.28	2.4	.20	2.3	.32
								2	Sometimes	9	26	2,774	42	85	39	12,767	42							
								3	Often	15	43	1,720	26	62	28	7,626	25							
								4	Very often	6	17	908	14	36	16	4,174	14							
								Total		35	100	6,542	100	220	100	30,457	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)				SFotherwork				1	Never	11	31	2,724	42	103	47	13,358	44	2.1	1.9	.20	1.9	.17	1.9	.23
								2	Sometimes	14	40	2,221	34	56	26	9,961	33							
								3	Often	6	17	1,098	17	32	15	4,897	16							
								4	Very often	4	11	495	8	26	12	2,220	7							
								Total		35	100	6,538	100	217	100	30,436	100							

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	9	26	1,893	29	83	38	9,086	30	2.2	2.1	.15	2.0	.15	2.1	.16	
		2	Sometimes	14	40	2,790	43	68	31	12,787	42								
		3	Often	8	23	1,343	21	41	19	6,183	20								
		4	Very often	4	11	500	8	26	12	2,331	8								
		Total		35	100	6,526	100	218	100	30,387	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	8	24	1,515	23	49	22	6,746	22	2.3	2.2	.12	2.3	.02	2.2	.07	
		2	Sometimes	13	38	2,968	45	96	44	13,650	45								
		3	Often	9	26	1,513	23	46	21	7,237	24								
		4	Very often	4	12	534	8	29	13	2,798	9								
		Total		34	100	6,530	100	220	100	30,431	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	170	3	7	3	1,017	3	3.2	3.0	.33	2.8 **	.51	2.9 *	.42	
		2	Some	3	9	1,545	24	63	29	8,046	26								
		3	Quite a bit	21	60	3,109	48	107	49	14,452	47								
		4	Very much	11	31	1,711	26	43	20	6,924	23								
		Total		35	100	6,535	100	220	100	30,439	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	6	166	3	11	5	953	3	2.9	3.0	-.09	2.9	.02	2.9	-.02	
		2	Some	10	29	1,527	23	53	24	7,804	26								
		3	Quite a bit	13	37	3,297	51	108	49	15,024	49								
		4	Very much	10	29	1,536	24	47	21	6,619	22								
		Total		35	100	6,526	100	219	100	30,400	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	9	205	3	4	2	1,029	3	2.7	2.9	-.26	2.9	-.20	2.9	-.23	
		2	Some	13	37	1,680	26	65	30	8,158	27								
		3	Quite a bit	10	29	3,087	47	107	49	14,065	46								
		4	Very much	9	26	1,552	24	44	20	7,123	23								
		Total		35	100	6,524	100	220	100	30,375	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	6	218	3	8	4	942	3	2.8	2.9	-.15	2.9	-.18	2.9	-.17	
		2	Some	9	26	1,632	25	51	23	7,577	25								
		3	Quite a bit	18	51	3,118	48	107	49	14,351	47								
		4	Very much	6	17	1,552	24	54	25	7,488	25								
		Total		35	100	6,520	100	220	100	30,358	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	4	11	265	4	8	4	1,119	4	2.7	2.9	-.22	2.9	-.23	2.9	-.24	
		2	Some	10	29	1,803	28	58	26	8,348	27								
		3	Quite a bit	14	40	3,003	46	109	50	14,061	46								
		4	Very much	7	20	1,454	22	45	20	6,875	23								
		Total		35	100	6,525	100	220	100	30,403	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	93	1	3	1	606	2	3.2	3.1	.21	3.1	.11	3.1	.21	
		2	Some	5	14	1,363	21	36	16	6,248	21								
		3	Quite a bit	17	49	3,088	47	107	49	14,158	47								
		4	Very much	13	37	1,989	30	74	34	9,414	31								
		Total		35	100	6,533	100	220	100	30,426	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	169	3	7	3	1,060	3	3.1	3.0	.13	3.0	.17	3.0	.14	
		2	Some	7	20	1,410	22	53	24	6,550	22								
		3	Quite a bit	17	49	3,131	48	96	44	14,064	46								
		4	Very much	11	31	1,815	28	62	28	8,699	29								
		Total		35	100	6,525	100	218	100	30,373	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	190	3	9	4	1,078	4	3.2	3.0	.29	3.0	.26	3.0	.29	
		2	Some	6	17	1,456	22	42	19	6,819	22								
		3	Quite a bit	15	43	3,032	47	102	47	13,599	45								
		4	Very much	14	40	1,837	28	64	29	8,863	29								
		Total		35	100	6,515	100	217	100	30,359	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	6	17	513	8	10	5	2,178	7	2.8	2.7	.03	2.9	-.19	2.8	-.07	
		2	Some	8	23	2,045	31	53	24	8,617	28								
		3	Quite a bit	9	26	2,533	39	95	44	11,797	39								
		4	Very much	12	34	1,432	22	59	27	7,797	26								
		Total		35	100	6,523	100	217	100	30,389	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	11	638	10	20	9	2,512	8	2.7	2.6	.13	2.7	.02	2.7	.01	
		2	Some	11	31	2,271	35	66	30	9,639	32								
		3	Quite a bit	10	29	2,490	38	87	40	11,764	39								
		4	Very much	10	29	1,120	17	46	21	6,457	21								
		Total		35	100	6,519	100	219	100	30,372	100								

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Tennessee Technological University

First-Year Students^a in Business

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Your first-year students compared with															
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	1	3	490	8	14	6	2,514	8	2.9	2.6	.32	2.7	.24	2.6 *	.34	
		2	Sometimes	10	29	2,364	36	76	35	11,007	36								
		3	Often	15	43	2,651	41	86	39	12,104	40								
		4	Very often	9	26	1,027	16	42	19	4,724	16								
			Total	35	100	6,532	100	218	100	30,349	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	2	6	875	13	46	21	4,336	14	2.9	▲	2.5 **	.44	2.5 *	.41	2.5 **	.46
		2	Sometimes	8	24	2,508	39	65	30	11,608	38								
		3	Often	16	47	2,210	34	67	31	10,240	34								
		4	Very often	8	24	914	14	41	19	4,098	14								
			Total	34	100	6,507	100	219	100	30,282	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	4	12	799	12	34	15	4,486	15	2.4	2.5	-.06	2.4	.00	2.4	.01	
		2	Sometimes	14	41	2,662	41	90	41	12,426	41								
		3	Often	14	41	2,282	35	68	31	10,020	33								
		4	Very often	2	6	768	12	28	13	3,357	11								
			Total	34	100	6,511	100	220	100	30,289	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	8	23	353	5	12	5	1,550	5	3.0	▼	6.3 ***	-.61	5.7 **	-.54	6.8 ***	-.66
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	13	37	1,306	20	53	24	5,454	18								
		4	3-5	10	29	2,220	34	76	35	9,944	33								
		8	6-10	3	9	1,477	23	49	22	7,220	24								
		13	11-15	0	0	687	11	13	6	3,395	11								
		18	16-20	0	0	251	4	12	5	1,399	5								
		23	More than 20	1	3	230	4	4	2	1,409	5								
			Total	35	100	6,524	100	219	100	30,371	100								
b. Between 6 and 10 pages	wrmednum	0	None	26	74	2,223	34	109	50	9,618	32	1.0	▼	2.3 *	-.42	1.9	-.29	2.5 ***	-.45
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	4	11	2,421	37	63	29	11,489	38								
		4	3-5	3	9	1,226	19	26	12	5,950	20								
		8	6-10	2	6	425	7	12	6	2,253	7								
		13	11-15	0	0	147	2	6	3	667	2								
		18	16-20	0	0	31	0	1	0	144	0								
		23	More than 20	0	0	32	0	1	0	177	1								
			Total	35	100	6,505	100	218	100	30,298	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Your first-year students compared with															
c. 11 pages or more	wrlongnum	0	None	32	91	4,872	75	187	85	22,177	73	.5	1.0	-.16	.8	-.11	1.0	-.17	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	1	3	1,061	16	13	6	5,427	18								
	4	3-5	1	3	289	4	8	4	1,317	4									
	8	6-10	0	0	142	2	5	2	701	2									
	13	11-15	1	3	102	2	5	2	460	2									
	18	16-20	0	0	27	0	0	0	107	0									
	23	More than 20	0	0	23	0	1	0	153	1									
	Total			35	100	6,516	100	219	100	30,342	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.)									24.8	51.5 *	-.39	44.9	-.28	54.8 *	-.42	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	1	3	191	3	11	5	1,549	5	3.1	3.1	-.08	2.9	.14	3.0	.03	
		2	Sometimes	10	29	1,470	23	65	30	7,499	25								
		3	Often	10	29	2,200	34	72	33	9,926	33								
		4	Very often	14	40	2,666	41	72	33	11,396	38								
			Total	35	100	6,527	100	220	100	30,370	100								
b. People from an economic background other than your own	DDeconomic	1	Never	1	3	195	3	11	5	1,404	5	3.1	3.1	-.03	3.0	.12	3.0	.07	
		2	Sometimes	7	20	1,384	21	54	25	7,078	23								
		3	Often	15	43	2,422	37	83	38	11,218	37								
		4	Very often	12	34	2,521	39	71	32	10,663	35								
			Total	35	100	6,522	100	219	100	30,363	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	2	6	304	5	12	5	2,150	7	3.0	3.0	-.05	2.9	.07	2.9	.10	
		2	Sometimes	9	26	1,526	23	65	30	8,368	28								
		3	Often	11	31	2,247	34	67	31	9,905	33								
		4	Very often	13	37	2,449	38	75	34	9,932	33								
			Total	35	100	6,526	100	219	100	30,355	100								
d. People with political views other than your own	DDpolitical	1	Never	2	6	327	5	7	3	2,004	7	3.0	3.0	-.02	3.0	-.06	2.9	.05	
		2	Sometimes	8	23	1,728	26	60	28	8,318	27								
		3	Often	14	40	2,177	33	71	33	10,122	33								
		4	Very often	11	31	2,296	35	79	36	9,921	33								
			Total	35	100	6,528	100	217	100	30,365	100								

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				Tennessee Tech				Carnegie Class				Quality Assurance		NSSE 2018 & 2019		Your first-year students compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				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	95	1	1	0	521	2	3.0	3.0	-.04	3.1	-.09	3.0	-.03	
		2	Sometimes	7	20	1,386	21	54	25	6,545	22								
		3	Often	21	60	3,269	50	92	42	14,969	49								
		4	Very often	7	20	1,778	27	71	33	8,291	27								
		Total		35	100	6,528	100	218	100	30,326	100								
b. Reviewed your notes after class	LSnotes	1	Never	2	6	308	5	5	2	1,378	5	3.0	2.9	.17	3.1	-.07	2.9	.15	
		2	Sometimes	7	20	1,955	30	48	22	8,898	29								
		3	Often	14	40	2,461	38	90	41	11,491	38								
		4	Very often	12	34	1,797	28	76	35	8,557	28								
		Total		35	100	6,521	100	219	100	30,324	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	6	347	5	5	2	1,637	5	3.0	2.8	.21	2.9	.14	2.8	.21	
		2	Sometimes	8	23	2,026	31	71	32	9,353	31								
		3	Often	13	37	2,626	40	88	40	12,238	40								
		4	Very often	12	34	1,530	23	55	25	7,115	23								
		Total		35	100	6,529	100	219	100	30,343	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	64	1	3	1	322	1	5.3	5.3	.01	5.4	-.13	5.3	-.04	
		2		1	3	69	1	1	0	362	1								
		3		2	6	364	6	9	4	1,567	5								
		4		4	11	841	13	27	12	3,950	13								
		5		12	34	2,404	37	75	34	10,521	35								
		6		11	31	1,709	26	50	23	7,550	25								
		7	Very much	5	14	1,061	16	54	25	5,993	20								
		Total		35	100	6,512	100	219	100	30,265	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		7	20	471	7	34	15	3,589	12	9%	9%	-.01	6%	.10	8%	.03	
		Do not plan to do		3	9	293	4	23	10	2,155	7								
		Plan to do		22	63	5,177	79	150	68	22,246	73								
		Done or in progress		3	9	582	9	13	6	2,360	8								
		Total		35	100	6,523	100	220	100	30,350	100								

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

			Frequency Distributions								Statistical Comparisons ^k						
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	31	1,110	17	60	27	6,998	23	14%	16%	-.06	10%	.15	13%	.03
		Do not plan to do	9	26	861	13	52	24	5,998	20							
		Plan to do	10	29	3,473	53	87	40	13,277	44							
		Done or in progress	5	14	1,072	16	21	10	4,034	13							
		Total	35	100	6,516	100	220	100	30,307	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	17	49	1,650	25	70	32	9,172	30	11%	15%	-.10	8%	.11	12%	-.02
		Do not plan to do	5	14	1,808	28	57	26	8,117	27							
		Plan to do	9	26	2,099	32	74	34	9,291	31							
		Done or in progress	4	11	952	15	18	8	3,685	12							
		Total	35	100	6,509	100	219	100	30,265	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	9	26	1,253	19	69	32	7,100	23	9%	5%	.17	7%	.06	4%	.19
		Do not plan to do	13	37	1,118	17	67	31	7,476	25							
		Plan to do	10	29	3,844	59	66	30	14,513	48							
		Done or in progress	3	9	295	5	15	7	1,215	4							
		Total	35	100	6,510	100	217	100	30,304	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	9	26	2,286	35	78	35	11,400	38	6%	4%	.09	5%	.01	4%	.09
		Do not plan to do	16	46	1,860	29	66	30	8,748	29							
		Plan to do	8	23	2,119	33	64	29	9,007	30							
		Done or in progress	2	6	248	4	12	5	1,166	4							
		Total	35	100	6,513	100	220	100	30,321	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	31	2,145	33	67	31	10,078	33	3%	2%	.05	7%	-.21	2%	.06
		Do not plan to do	6	17	800	12	29	13	3,731	12							
		Plan to do	17	49	3,445	53	107	49	15,875	52							
		Done or in progress	1	3	133	2	16	7	607	2							
		Total	35	100	6,523	100	219	100	30,291	100							

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

servcourse	1 None	7	20	3,299	51	112	51	13,948	46	1.9	▲	1.6 **	.52	▲	1.6 **	.45	▲	1.7 *	.40
	2 Some	24	69	2,665	41	85	39	13,306	44										
	3 Most	3	9	448	7	18	8	2,417	8										
	4 All	1	3	91	1	5	2	583	2										
	Total	35	100	6,503	100	220	100	30,254	100										

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	91	1	7	3	488	2	5.7	5.4	.21	5.2	.34	5.4	.21	
		2		0	0	120	2	8	4	659	2								
		3		0	0	305	5	10	5	1,529	5								
		4		6	17	765	12	35	16	3,747	12								
		5		8	23	1,870	29	58	26	8,019	26								
		6		11	31	1,734	27	45	21	7,501	25								
		7	Excellent	10	29	1,619	25	53	24	7,871	26								
		—	Not applicable	0	0	24	0	3	1	542	2								
		Total		35	100	6,528	100	219	100	30,356	100								
b. Academic advisors	QIadvisor	1	Poor	0	0	160	2	7	3	906	3	6.1	5.3 ***	.48	5.3 **	.47	5.3 ***	.48	
		2		0	0	246	4	8	4	1,155	4								
		3		2	6	414	6	17	8	2,134	7								
		4		2	6	872	13	30	14	3,919	13								
		5		4	11	1,419	22	39	18	6,106	20								
		6		10	29	1,411	22	40	18	6,319	21								
		7	Excellent	17	49	1,921	29	73	34	9,183	30								
		—	Not applicable	0	0	79	1	3	1	598	2								
		Total		35	100	6,522	100	217	100	30,320	100								
c. Faculty	QIfaculty	1	Poor	0	0	97	1	5	2	480	2	5.7	5.3 *	.34	5.3	.31	5.4	.27	
		2		1	3	149	2	5	2	710	2								
		3		2	6	347	5	11	5	1,725	6								
		4		2	6	969	15	32	15	4,048	13								
		5		7	20	1,855	28	62	28	7,802	26								
		6		11	31	1,788	27	46	21	8,039	27								
		7	Excellent	12	34	1,271	20	54	25	7,168	24								
		—	Not applicable	0	0	41	1	3	1	336	1								
		Total		35	100	6,517	100	218	100	30,308	100								

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	177	3	5	2	989	3	5.7	▲ 5.1 *	.40	5.3	.29	▲ 5.1 *	.36	
		2		0	0	252	4	2	1	1,116	4								
		3		3	9	500	8	15	7	2,144	7								
		4		2	6	991	15	36	17	4,197	14								
		5		5	14	1,594	24	43	20	6,522	21								
		6		11	31	1,330	20	42	19	6,084	20								
		7	Excellent	9	26	1,302	20	52	24	6,533	22								
		—	Not applicable	5	14	377	6	22	10	2,755	9								
	Total			35	100	6,523	100	217	100	30,340	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	217	3	11	5	1,053	3	5.7	▲ 5.0 **	.46	▲ 4.9 **	.45	▲ 5.1 *	.37	
		2		1	3	262	4	9	4	1,215	4								
		3		0	0	521	8	21	10	2,251	7								
		4		4	11	1,023	16	38	17	4,294	14								
		5		8	23	1,493	23	42	19	6,514	21								
		6		10	29	1,281	20	42	19	6,175	20								
		7	Excellent	10	29	1,137	17	49	22	6,728	22								
		—	Not applicable	2	6	593	9	8	4	2,109	7								
	Total			35	100	6,527	100	220	100	30,339	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	100	2	5	2	540	2	3.1	3.0	.04	3.0	.09	3.0	.03	
		2	Some	7	20	1,379	21	51	23	6,355	21								
		3	Quite a bit	19	54	3,279	50	103	47	14,904	49								
		4	Very much	9	26	1,764	27	59	27	8,502	28								
			Total			35	100	6,522	100	218	100								30,301
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	3	166	3	9	4	1,005	3	3.2	3.0	.19	3.0	.21	3.0	.16	
		2	Some	4	11	1,456	22	55	25	6,476	21								
		3	Quite a bit	18	51	2,945	45	84	38	13,120	43								
		4	Very much	12	34	1,938	30	71	32	9,663	32								
			Total			35	100	6,505	100	219	100								30,264
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	0	0	293	4	9	4	1,542	5	3.3	3.0	.32	3.2	.19	3.1	.28	
		2	Some	3	9	1,347	21	40	18	5,765	19								
		3	Quite a bit	18	51	2,649	41	78	36	11,865	39								
		4	Very much	14	40	2,227	34	92	42	11,122	37								
			Total			35	100	6,516	100	219	100								30,294

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Mean	Effect size ⁿ			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	3	9	541	8	25	11	3,172	10	2.7	2.8	-.15	2.7	-.05	2.8	-.08
		2	Some	12	34	1,801	28	62	28	8,590	28							
		3	Quite a bit	13	37	2,408	37	78	36	10,880	36							
		4	Very much	7	20	1,760	27	54	25	7,643	25							
		Total		35	100	6,510	100	219	100	30,285	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	3	290	4	10	5	1,796	6	3.0	3.0	-.05	2.9	.03	3.0	.02
		2	Some	7	20	1,421	22	56	26	6,952	23							
		3	Quite a bit	19	54	2,691	41	88	40	12,259	41							
		4	Very much	8	23	2,112	32	64	29	9,247	31							
		Total		35	100	6,514	100	218	100	30,254	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	6	378	6	9	4	2,229	7	2.9	3.0	-.09	3.0	-.13	2.9	-.01
		2	Some	9	26	1,471	23	48	22	7,354	24							
		3	Quite a bit	15	43	2,638	41	97	44	11,950	40							
		4	Very much	9	26	2,012	31	64	29	8,685	29							
		Total		35	100	6,499	100	218	100	30,218	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	11	31	1,240	19	49	22	6,293	21	2.2	2.4	-.24	2.4	-.18	2.4	-.22
		2	Some	11	31	2,373	36	75	34	10,623	35							
		3	Quite a bit	9	26	1,966	30	66	30	8,837	29							
		4	Very much	4	11	931	14	30	14	4,491	15							
		Total		35	100	6,510	100	220	100	30,244	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	0	0	406	6	20	9	3,175	11	2.9	2.9	.04	2.8	.16	2.8	.16
		2	Some	11	32	1,598	25	57	26	7,665	25							
		3	Quite a bit	14	41	2,688	41	90	41	11,583	38							
		4	Very much	9	26	1,810	28	52	24	7,804	26							
		Total		34	100	6,502	100	219	100	30,227	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	2	6	779	12	31	14	4,626	15	2.5	2.6	-.05	2.6	-.04	2.5	.00
		2	Some	16	47	2,315	36	66	30	10,281	34							
		3	Quite a bit	12	35	2,288	35	89	41	10,009	33							
		4	Very much	4	12	1,129	17	33	15	5,319	18							
		Total		34	100	6,511	100	219	100	30,235	100							

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	27	0	1	0	139	0	13.1	14.7	-.20	12.6	.08	14.1	-.12	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	11	617	9	35	16	3,736	12								
		8	6-10 hrs	12	34	1,500	23	58	26	7,232	24								
		13	11-15 hrs	8	23	1,647	25	58	26	7,343	24								
		18	16-20 hrs	5	14	1,340	21	39	18	5,871	19								
		23	21-25 hrs	3	9	743	11	17	8	3,266	11								
		28	26-30 hrs	2	6	367	6	9	4	1,439	5								
		33	More than 30 hrs	1	3	264	4	3	1	1,219	4								
			Total	35	100	6,505	100	220	100	30,245	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	11	32	1,146	18	65	30	8,185	27	5.1	7.5	-.32	6.3	-.16	6.7	-.22	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	35	2,174	33	68	31	9,267	31								
		8	6-10 hrs	8	24	1,476	23	39	18	5,444	18								
		13	11-15 hrs	0	0	816	13	18	8	3,287	11								
		18	16-20 hrs	1	3	465	7	15	7	2,075	7								
		23	21-25 hrs	1	3	245	4	6	3	1,075	4								
		28	26-30 hrs	0	0	72	1	2	1	381	1								
		33	More than 30 hrs	1	3	110	2	5	2	516	2								
			Total	34	100	6,504	100	218	100	30,230	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	26	74	4,955	76	164	75	23,077	76	2.9	3.0	-.01	3.6	-.09	2.8	.02	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	6	205	3	9	4	1,269	4								
		8	6-10 hrs	5	14	483	7	12	5	2,258	7								
		13	11-15 hrs	0	0	417	6	11	5	1,718	6								
		18	16-20 hrs	0	0	267	4	16	7	1,156	4								
		23	21-25 hrs	1	3	118	2	3	1	453	1								
		28	26-30 hrs	0	0	20	0	1	0	106	0								
		33	More than 30 hrs	1	3	38	1	4	2	187	1								
			Total	35	100	6,503	100	220	100	30,224	100								

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Item wording or description				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus Variable name ^l : tmworkoffhrs Values ^m : 0 0 hrs Response options: 3 1-5 hrs, 8 6-10 hrs, 13 11-15 hrs, 18 16-20 hrs, 23 21-25 hrs, 28 26-30 hrs, 33 More than 30 hrs (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)				17	49	4,749	73	125	57	19,435	64	9.1	▲ 3.9 **	.66	8.1	.09	6.4	.25	
				2	6	285	4	10	5	1,402	5								
				3	9	388	6	13	6	1,676	6								
				2	6	329	5	17	8	1,728	6								
				3	9	338	5	9	4	1,828	6								
				5	14	222	3	24	11	1,289	4								
				1	3	82	1	3	1	712	2								
				2	6	112	2	19	9	2,189	7								
				35	100	6,505	100	220	100	30,259	100								
				Estimated number of hours working for pay Variable name ^l : tmworkhrs (Continuous variable created by NSSE)															
e. Doing community service or volunteer work Variable name ^l : tmservicehrs Values ^m : 0 0 hrs Response options: 3 1-5 hrs, 8 6-10 hrs, 13 11-15 hrs, 18 16-20 hrs, 23 21-25 hrs, 28 26-30 hrs, 33 More than 30 hrs (Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)				23	66	3,489	54	121	55	16,811	56	2.7	2.8	-.01	2.7	.01	2.7	.00	
				8	23	2,121	33	71	32	9,404	31								
				1	3	431	7	12	5	1,888	6								
				1	3	213	3	7	3	951	3								
				0	0	134	2	6	3	605	2								
				1	3	76	1	1	0	327	1								
				1	3	15	0	0	0	91	0								
				0	0	27	0	2	1	175	1								
				35	100	6,506	100	220	100	30,252	100								
				f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) Variable name ^l : tmrelaxhrs Values ^m : 0 0 hrs Response options: 3 1-5 hrs, 8 6-10 hrs, 13 11-15 hrs, 18 16-20 hrs, 23 21-25 hrs, 28 26-30 hrs, 33 More than 30 hrs (Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)				1	3	84	1								8
5	14	890	14					51	24	5,555	18								
13	37	1,658	25					50	23	7,865	26								
3	9	1,532	24					44	20	6,409	21								
8	23	1,159	18					32	15	4,632	15								
1	3	530	8					14	6	2,158	7								
1	3	209	3					4	2	928	3								
3	9	446	7					14	6	2,098	7								
35	100	6,508	100	217	100	30,261	100												

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				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	24	69	5,309	82	156	71	22,417	74	3.5	1.9	.32	3.9	-.05	3.2	.04	
		3	1-5 hrs	3	9	475	7	23	11	2,993	10								
		8	6-10 hrs	3	9	242	4	12	5	1,390	5								
		13	11-15 hrs	2	6	198	3	8	4	1,002	3								
		18	16-20 hrs	2	6	139	2	2	1	715	2								
		23	21-25 hrs	0	0	65	1	4	2	380	1								
		28	26-30 hrs	1	3	17	0	1	0	176	1								
		33	More than 30 hrs	0	0	49	1	13	6	1,133	4								
			Total	35	100	6,494	100	219	100	30,206	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	5	15	2,382	37	68	31	13,941	46	6.1	4.3	.29	4.4	.26	3.9 *	.36	
		3	1-5 hrs	19	56	2,535	39	100	46	9,869	33								
		8	6-10 hrs	4	12	829	13	28	13	3,199	11								
		13	11-15 hrs	3	9	374	6	11	5	1,483	5								
		18	16-20 hrs	1	3	183	3	4	2	764	3								
		23	21-25 hrs	0	0	100	2	3	1	411	1								
		28	26-30 hrs	1	3	35	1	1	0	183	1								
		33	More than 30 hrs	1	3	76	1	4	2	426	1								
		Total	34	100	6,514	100	219	100	30,276	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	4	11	768	12	33	15	3,058	10	2.5	2.7	-.17	2.5	-.01	2.8	-.26	
		2	Some	16	46	2,325	36	77	35	9,905	33								
		3	About half	9	26	1,935	30	74	34	9,553	32								
		4	Most	5	14	1,107	17	33	15	5,811	19								
		5	Almost all	1	3	371	6	3	1	1,933	6								
			Total	35	100	6,506	100	220	100	30,260	100								
	tmreadinghrs											5.4	6.6	-.20	5.2	.04	6.7	-.22	
				<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>															

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	27	0	1	0	139	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	23	66	3,269	50	134	61	15,133	50								
		3	More than 5, up to 10 hrs	7	20	1,965	30	61	28	8,831	29								
		4	More than 10, up to 15 hrs	3	9	654	10	16	7	3,224	11								
		5	More than 15, up to 20 hrs	1	3	297	5	4	2	1,480	5								
		6	More than 20, up to 25 hrs	1	3	199	3	1	0	940	3								
		7	More than 25 hrs	0	0	66	1	3	1	372	1								
			Total	35	100	6,477	100	220	100	30,119	100								

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

a. Writing clearly and effectively	pgwrite	1	Very little	5	14	468	7	9	4	1,742	6	2.7	2.8	-.08	3.0	-.28	2.9	-.17
		2	Some	9	26	1,864	29	59	27	7,885	26							
		3	Quite a bit	12	34	2,804	43	82	37	13,447	45							
		4	Very much	9	26	1,369	21	69	32	7,136	24							
			Total	35	100	6,505	100	219	100	30,210	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	5	14	597	9	15	7	2,546	8	2.8	2.7	.03	2.9	-.17	2.8	-.01
		2	Some	9	26	1,926	30	55	25	8,601	28							
		3	Quite a bit	10	29	2,545	39	80	37	12,110	40							
		4	Very much	11	31	1,443	22	69	32	7,012	23							
			Total	35	100	6,511	100	219	100	30,269	100							
c. Thinking critically and analytically	pgthink	1	Very little	1	3	192	3	7	3	941	3	3.0	3.1	-.04	3.1	-.14	3.1	-.04
		2	Some	9	26	1,316	20	43	20	5,977	20							
		3	Quite a bit	13	37	2,941	45	81	37	13,622	45							
		4	Very much	12	34	2,070	32	89	40	9,751	32							
			Total	35	100	6,519	100	220	100	30,291	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	6	504	8	15	7	2,647	9	3.0	2.8	.23	2.9	.13	2.8	.27
		2	Some	8	23	1,885	29	56	26	8,919	29							
		3	Quite a bit	13	37	2,552	39	88	40	11,856	39							
		4	Very much	12	34	1,571	24	60	27	6,862	23							
			Total	35	100	6,512	100	219	100	30,284	100							

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	Mean	Effect size ⁿ
														Effect size ⁿ	Effect size ⁿ				
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	2	6	585	9	30	14	2,966	10	3.0	2.8	.23	2.7	.33	2.8	.27	
		2	Some	6	18	1,823	28	65	30	8,732	29								
		3	Quite a bit	16	47	2,500	38	68	31	11,393	38								
		4	Very much	10	29	1,613	25	55	25	7,194	24								
		Total		34	100	6,521	100	218	100	30,285	100								
f. Working effectively with others	pgothers	1	Very little	2	6	357	5	20	9	1,886	6	2.9	2.9	.02	2.8	.12	2.9	.05	
		2	Some	8	23	1,705	26	62	29	7,972	26								
		3	Quite a bit	16	46	2,681	41	75	35	12,516	41								
		4	Very much	9	26	1,768	27	59	27	7,907	26								
		Total		35	100	6,511	100	216	100	30,281	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	4	11	610	9	29	13	2,865	9	2.7	2.8	-.12	2.7	-.08	2.8	-.13	
		2	Some	10	29	1,820	28	57	26	8,318	27								
		3	Quite a bit	15	43	2,555	39	77	35	11,846	39								
		4	Very much	6	17	1,523	23	56	26	7,258	24								
		Total		35	100	6,508	100	219	100	30,287	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	11	461	7	21	10	2,623	9	2.6	2.9	-.26	2.8	-.15	2.8	-.21	
		2	Some	12	34	1,763	27	68	31	8,185	27								
		3	Quite a bit	12	34	2,515	39	69	32	11,517	38								
		4	Very much	7	20	1,779	27	61	28	7,968	26								
		Total		35	100	6,518	100	219	100	30,293	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	3	9	596	9	31	14	2,928	10	2.8	2.7	.08	2.7	.14	2.7	.10	
		2	Some	10	29	2,030	31	63	29	9,507	31								
		3	Quite a bit	13	37	2,428	37	75	34	11,408	38								
		4	Very much	9	26	1,463	22	51	23	6,448	21								
		Total		35	100	6,517	100	220	100	30,291	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	3	9	581	9	32	15	3,072	10	2.8	2.8	.04	2.7	.12	2.7	.08	
		2	Some	10	29	1,918	29	63	29	9,135	30								
		3	Quite a bit	12	35	2,489	38	69	32	11,225	37								
		4	Very much	9	26	1,523	23	55	25	6,860	23								
		Total		34	100	6,511	100	219	100	30,292	100								

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	114	2	6	3	644	2	3.4	3.2	.22	3.1	.35	3.2	.24	
		2	Fair	3	9	772	12	33	15	3,990	13								
		3	Good	16	46	3,243	50	111	50	14,560	48								
		4	Excellent	16	46	2,402	37	70	32	11,192	37								
		Total		35	100	6,531	100	220	100	30,386	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	1	3	216	3	14	6	1,217	4	3.4	3.2	.24	3.0 *	.46	3.2	.29	
		2	Probably no	1	3	792	12	34	15	4,152	14								
		3	Probably yes	15	43	2,728	42	101	46	12,670	42								
		4	Definitely yes	18	51	2,808	43	71	32	12,401	41								
		Total		35	100	6,544	100	220	100	30,440	100								
20. Do you intend to return to this institution next year?^f																			
	returnexp		No	0	0	258	4	14	6	1,538	5	91%	89%	.08	85%	.19	86%	.16	
			Yes	32	91	5,828	89	187	85	26,298	86								
			Not sure	3	9	458	7	18	8	2,596	9								
			Total	35	100	6,544	100	219	100	30,432	100								
			(Means indicate the percentage who responded "Yes.")																

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			Mean
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	2	4	211	2	5	2	980	2	2.8	3.0	-.21	3.1 *	-.31	3.1 *	-.35	
		2	Sometimes	21	40	2,659	30	73	27	11,394	25								
		3	Often	15	28	2,967	33	91	33	14,424	32								
		4	Very often	15	28	3,029	34	105	38	18,530	41								
		Total		53	100	8,866	100	274	100	45,328	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	19	36	2,074	23	61	22	9,429	21	2.0	2.3 *	-.33	2.5 ***	-.49	2.4 ***	-.43	
		2	Sometimes	20	38	3,426	39	83	30	16,346	36								
		3	Often	11	21	2,139	24	72	26	11,648	26								
		4	Very often	3	6	1,218	14	59	21	7,867	17								
		Total		53	100	8,857	100	275	100	45,290	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	0	0	686	8	21	8	2,636	6	3.0	2.8	.24	3.1	-.08	3.0	.03	
		2	Often	11	21	1,641	18	21	8	6,379	14								
		3	Sometimes	28	54	4,894	55	138	51	23,872	53								
		4	Never	13	25	1,655	19	92	34	12,446	27								
		Total		52	100	8,876	100	272	100	45,333	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	27	51	3,968	45	119	43	21,849	48	1.6	1.8	-.19	1.9	-.25	1.7	-.13	
		2	Sometimes	21	40	3,342	38	97	35	16,170	36								
		3	Often	3	6	1,096	12	38	14	4,978	11								
		4	Very often	2	4	476	5	20	7	2,365	5								
		Total		53	100	8,882	100	274	100	45,362	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	4	8	878	10	31	11	7,736	17	2.5	2.5	-.01	2.5	.01	2.4	.18	
		2	Sometimes	26	49	3,709	42	117	43	19,305	43								
		3	Often	14	26	2,940	33	77	28	12,551	28								
		4	Very often	9	17	1,351	15	48	18	5,806	13								
		Total		53	100	8,878	100	273	100	45,398	100								
f. Explained course material to one or more students	CLexplain	1	Never	2	4	328	4	14	5	4,025	9	2.9	2.8	.07	2.8	.06	2.7	.24	
		2	Sometimes	17	32	2,909	33	95	35	16,252	36								
		3	Often	20	38	3,750	42	93	34	16,374	36								
		4	Very often	14	26	1,896	21	72	26	8,751	19								
		Total		53	100	8,883	100	274	100	45,402	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	6	11	1,171	13	43	16	9,529	21	2.7	2.6	.06	2.6	.07	2.4	.24	
		2	Sometimes	20	38	2,984	34	88	32	15,120	33								
		3	Often	13	25	2,879	32	79	29	12,863	28								
		4	Very often	14	26	1,842	21	63	23	7,864	17								
		Total		53	100	8,876	100	273	100	45,376	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	3	6	290	3	20	7	3,689	8	3.1	3.1	-.07	3.0	.10	2.9	.13	
		2	Sometimes	11	21	1,831	21	61	22	10,650	23								
		3	Often	19	36	3,303	37	102	37	16,069	35								
		4	Very often	20	38	3,458	39	91	33	15,001	33								
		Total		53	100	8,882	100	274	100	45,409	100								
i. Given a course presentation	present	1	Never	6	11	593	7	33	12	5,184	11	2.6	3.0 **	-.39	2.7	-.13	2.8	-.24	
		2	Sometimes	19	36	2,211	25	84	31	11,442	25								
		3	Often	18	34	3,026	34	79	29	14,183	31								
		4	Very often	10	19	3,059	34	78	28	14,615	32								
		Total		53	100	8,889	100	274	100	45,424	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	3	6	223	3	15	5	1,586	3	2.8	3.0	-.26	2.9	-.11	2.9	-.20	
		2	Sometimes	19	36	2,238	25	82	30	12,273	27								
		3	Often	18	34	3,846	43	101	37	18,894	42								
		4	Very often	13	25	2,552	29	77	28	12,585	28								
		Total		53	100	8,859	100	275	100	45,338	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	1	2	536	6	21	8	2,708	6	2.5	2.8 *	-.32	2.7 *	-.25	2.8 *	-.35	
		2	Sometimes	30	57	2,987	34	98	36	14,656	32								
		3	Often	17	32	3,421	39	93	34	17,502	39								
		4	Very often	5	9	1,939	22	61	22	10,518	23								
		Total		53	100	8,883	100	273	100	45,384	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	9	17	1,036	12	40	15	4,931	11	2.2	2.6 ***	-.42	2.5 *	-.32	2.6 ***	-.46	
		2	Sometimes	30	57	3,414	39	109	40	17,137	38								
		3	Often	10	19	2,850	32	84	31	14,776	33								
		4	Very often	4	8	1,559	18	40	15	8,490	19								
		Total		53	100	8,859	100	273	100	45,334	100								

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Frequencies and Statistical Comparisons: Business

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Seniors^a in Business

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	6	11	368	4	12	4	1,762	4	2.5	2.8 *	-.32	2.8 *	-.30	2.8 *	-.35	
		2	Sometimes	19	36	2,751	31	84	31	13,798	30								
		3	Often	21	40	3,994	45	125	46	20,235	45								
		4	Very often	7	13	1,755	20	51	19	9,543	21								
		Total		53	100	8,868	100	272	100	45,338	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	5	9	201	2	8	3	1,068	2	2.6	3.0 **	-.45	2.9 *	-.40	3.0 **	-.44	
		2	Sometimes	19	36	2,174	25	69	25	11,296	25								
		3	Often	20	38	4,206	47	126	46	21,073	47								
		4	Very often	9	17	2,282	26	70	26	11,872	26								
		Total		53	100	8,863	100	273	100	45,309	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	9	171	2	8	3	845	2	2.6	2.9 **	-.43	2.9 *	-.40	2.9 **	-.43	
		2	Sometimes	19	36	2,386	27	68	25	12,365	27								
		3	Often	21	40	4,208	48	137	50	20,885	46								
		4	Very often	8	15	2,085	24	61	22	11,159	25								
		Total		53	100	8,850	100	274	100	45,254	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	4	91	1	1	0	397	1	2.9	3.1 **	-.36	3.1 *	-.32	3.2 **	-.39	
		2	Sometimes	13	25	1,468	17	49	18	7,262	16								
		3	Often	27	51	4,356	49	139	51	22,129	49								
		4	Very often	11	21	2,925	33	82	30	15,453	34								
		Total		53	100	8,840	100	271	100	45,241	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	9	17	1,506	17	57	21	8,956	20	2.3	2.4	-.11	2.4	-.10	2.4	-.08	
		2	Sometimes	26	49	3,678	42	99	36	17,958	40								
		3	Often	11	21	2,192	25	67	25	10,671	24								
		4	Very often	7	13	1,481	17	50	18	7,711	17								
		Total		53	100	8,857	100	273	100	45,296	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	21	40	3,543	40	116	43	20,497	45	2.0	2.0	-.01	2.0	-.03	1.9	.06	
		2	Sometimes	20	38	2,908	33	75	28	13,383	30								
		3	Often	5	9	1,477	17	49	18	6,780	15								
		4	Very often	7	13	922	10	32	12	4,623	10								
		Total		53	100	8,850	100	272	100	45,283	100								

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Tennessee Technological University

Seniors^a in Business

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	15	28	2,448	28	77	28	14,265	32	2.0	2.1	-.08	2.2	-.15	2.1	-.03	
		2	Sometimes	25	47	3,773	43	105	38	17,943	40								
		3	Often	9	17	1,802	20	56	21	8,794	19								
		4	Very often	4	8	811	9	35	13	4,233	9								
		Total		53	100	8,834	100	273	100	45,235	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	11	21	2,263	26	55	20	11,180	25	2.3	2.1	.17	2.2	.05	2.2	.13	
		2	Sometimes	23	43	3,949	45	124	46	19,983	44								
		3	Often	12	23	1,871	21	64	24	9,639	21								
		4	Very often	7	13	761	9	28	10	4,422	10								
		Total		53	100	8,844	100	271	100	45,224	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	3	6	367	4	10	4	2,657	6	2.8	2.9	-.02	2.9	-.10	2.8	.08	
		2	Some	13	25	2,535	29	62	23	13,912	31								
		3	Quite a bit	26	49	3,879	44	139	51	19,282	43								
		4	Very much	11	21	2,066	23	63	23	9,407	21								
		Total		53	100	8,847	100	274	100	45,258	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	4	242	3	9	3	1,125	2	2.9	3.0	-.07	3.0	-.09	3.0	-.10	
		2	Some	10	19	1,899	21	60	22	9,351	21								
		3	Quite a bit	30	57	4,322	49	119	44	22,130	49								
		4	Very much	11	21	2,392	27	83	31	12,645	28								
		Total		53	100	8,855	100	271	100	45,251	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	4	290	3	12	4	1,400	3	2.8	3.0	-.24	3.0	-.25	3.0 *	-.28	
		2	Some	17	32	2,172	25	59	22	10,293	23								
		3	Quite a bit	25	47	3,942	45	124	45	20,713	46								
		4	Very much	9	17	2,428	27	78	29	12,806	28								
		Total		53	100	8,832	100	273	100	45,212	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	4	8	425	5	9	3	1,760	4	2.8	2.9	-.16	2.9	-.22	2.9	-.24	
		2	Some	14	26	2,318	26	68	25	10,800	24								
		3	Quite a bit	26	49	3,880	44	126	46	20,647	46								
		4	Very much	9	17	2,208	25	68	25	12,001	27								
		Total		53	100	8,831	100	271	100	45,208	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	5	9	440	5	17	6	1,800	4	2.7	2.9	-.20	2.9	-.21	2.9	-.27	
		2	Some	16	30	2,388	27	66	24	11,521	25								
		3	Quite a bit	22	42	3,938	45	122	45	20,710	46								
		4	Very much	10	19	2,075	23	68	25	11,202	25								
		Total		53	100	8,841	100	273	100	45,233	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	2	146	2	8	3	979	2	3.0	3.1	-.12	3.2	-.16	3.1	-.12	
		2	Some	11	21	1,568	18	43	16	7,969	18								
		3	Quite a bit	26	49	4,153	47	116	43	20,257	45								
		4	Very much	15	28	2,970	34	104	38	16,004	35								
		Total		53	100	8,837	100	271	100	45,209	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	4	261	3	16	6	1,520	3	2.8	3.1 *	-.27	3.0	-.17	3.1 *	-.29	
		2	Some	15	28	1,668	19	55	20	8,269	18								
		3	Quite a bit	25	47	4,140	47	117	43	20,330	45								
		4	Very much	11	21	2,762	31	85	31	15,075	33								
		Total		53	100	8,831	100	273	100	45,194	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	4	266	3	15	6	1,603	4	2.9	3.1	-.21	3.0	-.13	3.1	-.20	
		2	Some	13	25	1,725	20	51	19	9,081	20								
		3	Quite a bit	26	49	3,914	44	118	44	19,117	42								
		4	Very much	12	23	2,926	33	86	32	15,370	34								
		Total		53	100	8,831	100	270	100	45,171	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	9	17	1,018	12	31	11	5,011	11	2.4	2.6	-.25	2.8 *	-.37	2.7 *	-.33	
		2	Some	19	37	2,982	34	74	27	13,647	30								
		3	Quite a bit	18	35	3,047	34	98	36	15,657	35								
		4	Very much	6	12	1,791	20	69	25	10,863	24								
		Total		52	100	8,838	100	272	100	45,178	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	8	823	9	26	10	3,517	8	2.6	2.7	-.11	2.8	-.22	2.8	-.23	
		2	Some	21	40	2,861	32	76	28	13,242	29								
		3	Quite a bit	21	40	3,444	39	99	36	17,462	39								
		4	Very much	7	13	1,702	19	71	26	10,947	24								
		Total		53	100	8,830	100	272	100	45,168	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	2	4	493	6	18	7	2,670	6	2.9	2.8	.09	2.8	.03	2.8	.11	
		2	Sometimes	15	29	2,759	31	72	26	14,415	32								
		3	Often	23	44	3,690	42	119	44	18,645	41								
		4	Very often	12	23	1,888	21	64	23	9,408	21								
			Total	52	100	8,830	100	273	100	45,138	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	5	10	1,064	12	43	16	5,465	12	2.6	2.6	.02	2.5	.08	2.6	.03	
		2	Sometimes	19	37	3,062	35	91	34	15,872	35								
		3	Often	19	37	3,083	35	82	30	15,563	35								
		4	Very often	9	17	1,618	18	53	20	8,194	18								
			Total	52	100	8,827	100	269	100	45,094	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	5	10	931	11	39	14	5,369	12	2.5	2.6	-.05	2.5	.07	2.5	.01	
		2	Sometimes	21	41	3,254	37	111	41	17,449	39								
		3	Often	18	35	3,240	37	82	30	15,596	35								
		4	Very often	7	14	1,387	16	42	15	6,637	15								
			Total	51	100	8,812	100	274	100	45,051	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	6	11	522	6	29	11	2,229	5	4.2	7.3 ***	-.50	6.8 **	-.44	8.0 ***	-.57	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	21	40	1,622	18	44	16	7,314	16								
		4	3-5	16	30	2,639	30	73	27	13,101	29								
		8	6-10	5	9	1,979	22	79	29	10,361	23								
		13	11-15	3	6	949	11	19	7	5,106	11								
		18	16-20	0	0	460	5	11	4	2,815	6								
		23	More than 20	2	4	652	7	18	7	4,185	9								
			Total	53	100	8,823	100	273	100	45,111	100								
b. Between 6 and 10 pages	wrmednum	0	None	29	55	2,172	25	103	38	9,564	21	1.5	3.2 **	-.42	2.7 *	-.29	3.6 ***	-.48	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	17	32	3,083	35	80	29	15,314	34								
		4	3-5	4	8	2,167	25	54	20	11,715	26								
		8	6-10	2	4	896	10	23	8	5,369	12								
		13	11-15	0	0	285	3	4	1	1,739	4								
		18	16-20	0	0	73	1	3	1	611	1								
		23	More than 20	1	2	111	1	5	2	691	2								
			Total	53	100	8,787	100	272	100	45,003	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. 11 pages or more	wrlongnum	0	None	37	70	4,008	45	146	54	19,864	44	1.0	1.9	-0.25	1.8	-0.22	2.0 *	-0.28	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	14	26	3,226	37	84	31	16,398	36								
		4	3-5	0	0	947	11	20	7	5,320	12								
		8	6-10	1	2	325	4	11	4	1,805	4								
		13	11-15	0	0	170	2	5	2	887	2								
		18	16-20	0	0	42	0	1	0	310	1								
		23	More than 20	1	2	97	1	5	2	485	1								
	Total			53	100	8,815	100	272	100	45,069	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.)									39.3	75.1 **	-0.40	69.2 *	-0.31	81.9 ***	-0.46	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	6	11	355	4	13	5	2,513	6	2.7	3.1 **	-0.45	3.1 *	-0.39	3.1 *	-0.34	
		2	Sometimes	18	34	1,867	21	60	22	10,509	23								
		3	Often	13	25	2,856	32	88	32	14,163	31								
		4	Very often	16	30	3,760	43	112	41	17,956	40								
		Total		53	100	8,838	100	273	100	45,141	100								
b. People from an economic background other than your own	DDeconomic	1	Never	4	8	298	3	5	2	2,063	5	2.9	3.1	-0.26	3.1	-0.29	3.0	-0.18	
		2	Sometimes	14	26	1,911	22	62	23	10,418	23								
		3	Often	19	36	3,189	36	97	36	16,006	36								
		4	Very often	16	30	3,433	39	108	40	16,593	37								
		Total		53	100	8,831	100	272	100	45,080	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	6	11	449	5	14	5	3,299	7	2.7	3.0 **	-0.37	3.0 *	-0.32	2.9	-0.23	
		2	Sometimes	17	32	2,109	24	70	26	12,356	27								
		3	Often	17	32	2,950	33	93	34	14,403	32								
		4	Very often	13	25	3,327	38	96	35	15,034	33								
		Total		53	100	8,835	100	273	100	45,092	100								
d. People with political views other than your own	DDpolitical	1	Never	5	9	477	5	14	5	2,844	6	2.8	3.0	-0.22	3.0	-0.20	2.9	-0.17	
		2	Sometimes	17	32	2,274	26	73	27	11,908	26								
		3	Often	15	28	2,917	33	91	33	15,027	33								
		4	Very often	16	30	3,167	36	94	35	15,327	34								
		Total		53	100	8,835	100	272	100	45,106	100								

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Frequencies and Statistical Comparisons: Business Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean						
9. During the current school year, about how often have you done the following?																									
a. Identified key information from reading assignments	LSreading	1	Never	5	10	174	2	8	3	836	2	2.8	3.1 *	-.37	3.1 *	-.36	3.1 *	-.41							
		2	Sometimes	16	31	1,754	20	48	18	8,566	19														
		3	Often	16	31	4,202	48	130	48	20,989	47														
		4	Very often	15	29	2,694	31	86	32	14,736	33														
		Total		52	100	8,824	100	272	100	45,127	100														
b. Reviewed your notes after class	LSnotes	1	Never	5	9	793	9	16	6	3,630	8	2.8	2.7	.11	2.9	-.11	2.8	.03							
		2	Sometimes	14	26	3,016	34	75	28	14,233	32														
		3	Often	20	38	2,956	33	99	36	15,337	34														
		4	Very often	14	26	2,065	23	82	30	11,917	26														
		Total		53	100	8,830	100	272	100	45,117	100														
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	5	9	701	8	17	6	3,206	7	2.6	2.7	-.15	2.8	-.28	2.8	-.22							
		2	Sometimes	19	36	2,949	33	83	31	14,003	31														
		3	Often	22	42	3,322	38	100	37	17,215	38														
		4	Very often	7	13	1,840	21	71	26	10,664	24														
		Total		53	100	8,812	100	271	100	45,088	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	1	2	93	1	7	3	493	1	5.4	5.3	.09	5.3	.03	5.5	-.06							
		2		0	0	170	2	4	1	731	2														
		3		3	6	531	6	13	5	2,174	5														
		4		7	13	1,141	13	46	17	5,161	11														
		5		17	32	3,031	34	67	25	13,699	30														
		6		13	25	2,277	26	66	24	11,521	26														
		7	Very much	12	23	1,556	18	69	25	11,211	25														
		Total		53	100	8,799	100	272	100	44,990	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		10	19	657	7	39	14	5,213	12	36%	57% **	-.43	32%	.08	46%	-.21							
		Do not plan to do		16	30	1,338	15	86	31	9,855	22														
		Plan to do		8	15	1,808	20	61	22	9,141	20														
		Done or in progress		19	36	5,021	57	88	32	20,919	46														
		Total		53	100	8,824	100	274	100	45,128	100														

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			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
											Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	8	15	691	8	32	12	4,950	11	51%	46%	.10	28% *** ▲	.48	37% *	.28	
		Do not plan to do	16	30	3,300	37	138	51	19,529	43								
		Plan to do	2	4	777	9	27	10	3,860	9								
		Done or in progress	27	51	4,054	46	76	28	16,763	37								
		Total	53	100	8,822	100	273	100	45,102	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	9	17	931	11	34	12	6,272	14	21%	24%	-.08	19%	.04	21%	.00	
		Do not plan to do	31	58	4,841	55	155	57	24,993	55								
		Plan to do	2	4	897	10	32	12	4,487	10								
		Done or in progress	11	21	2,137	24	53	19	9,292	21								
		Total	53	100	8,806	100	274	100	45,044	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	7	13	660	7	36	13	4,625	10	17%	28%	-.28	11%	.16	19%	-.06	
		Do not plan to do	33	62	5,011	57	181	66	28,732	64								
		Plan to do	4	8	637	7	25	9	3,080	7								
		Done or in progress	9	17	2,514	28	31	11	8,646	19								
		Total	53	100	8,822	100	273	100	45,083	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	8	15	1,103	13	42	15	6,732	15	15%	16%	-.01	13%	.06	14%	.03	
		Do not plan to do	30	57	5,423	61	161	59	27,795	62								
		Plan to do	7	13	919	10	33	12	4,223	9								
		Done or in progress	8	15	1,373	16	35	13	6,350	14								
		Total	53	100	8,818	100	271	100	45,100	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	7	13	645	7	27	10	4,325	10	57%	48%	.17	42%	.29	46%	.21	
		Do not plan to do	8	15	2,074	24	62	23	9,608	21								
		Plan to do	8	15	1,863	21	69	25	10,423	23								
		Done or in progress	30	57	4,230	48	115	42	20,702	46								
		Total	53	100	8,812	100	273	100	45,058	100								

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

servcourse	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
1 None	32	62	3,848	44	135	50	19,261	43	1.5	1.7	-.27	1.7	-.24
2 Some	15	29	4,253	48	103	38	21,738	48					
3 Most	5	10	570	6	25	9	3,245	7					
4 All	0	0	146	2	9	3	816	2					
Total	52	100	8,817	100	272	100	45,060	100					

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	113	1	2	1	572	1	5.9	5.5 *	.27	5.6 *	.26	5.6 *	.24	
		2		0	0	164	2	8	3	832	2								
		3		0	0	376	4	13	5	1,923	4								
		4		6	11	892	10	21	8	4,610	10								
		5		9	17	2,282	26	76	28	10,819	24								
		6		19	36	2,513	28	66	24	11,830	26								
		7	Excellent	16	30	2,432	28	81	30	13,439	30								
		—	Not applicable	3	6	67	1	6	2	1,157	3								
			Total	53	100	8,839	100	273	100	45,182	100								
b. Academic advisors	QIadvisor	1	Poor	1	2	452	5	9	3	2,009	4	5.6	5.1 *	.29	5.4	.07	5.3	.18	
		2		1	2	491	6	8	3	2,134	5								
		3		3	6	780	9	16	6	3,387	8								
		4		10	19	1,208	14	37	14	5,535	12								
		5		7	13	1,733	20	46	17	8,077	18								
		6		8	15	1,694	19	58	21	8,784	19								
		7	Excellent	22	42	2,411	27	95	35	14,611	32								
		—	Not applicable	1	2	59	1	3	1	606	1								
			Total	53	100	8,828	100	272	100	45,143	100								
c. Faculty	QIfaculty	1	Poor	1	2	127	1	7	3	680	2	5.4	5.4	.00	5.4	-.01	5.5	-.09	
		2		1	2	178	2	9	3	963	2								
		3		2	4	440	5	9	3	2,138	5								
		4		8	15	1,206	14	29	11	5,363	12								
		5		15	28	2,382	27	81	30	10,736	24								
		6		12	23	2,506	28	67	25	12,274	27								
		7	Excellent	13	25	1,918	22	70	26	12,450	28								
		—	Not applicable	1	2	56	1	1	0	513	1								
			Total	53	100	8,813	100	273	100	45,117	100								

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	340	4	16	6	1,889	4	5.2	4.9	.14	5.0	.12	5.0	.09	
		2		2	4	407	5	11	4	1,983	4								
		3		4	8	682	8	13	5	3,127	7								
		4		11	21	1,338	15	34	12	5,690	13								
		5		8	15	1,892	21	52	19	8,127	18								
		6		4	8	1,705	19	47	17	7,755	17								
		7	Excellent	14	27	1,548	18	50	18	8,854	20								
		—	Not applicable	9	17	912	10	50	18	7,720	17								
Total				52	100	8,824	100	273	100	45,145	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	1	2	409	5	21	8	2,019	4	5.1	4.8	.16	4.8	.14	5.0	.01	
		2		1	2	494	6	17	6	2,191	5								
		3		5	9	788	9	23	8	3,536	8								
		4		14	26	1,475	17	32	12	6,289	14								
		5		11	21	1,929	22	62	23	9,069	20								
		6		6	11	1,646	19	50	18	8,875	20								
		7	Excellent	14	26	1,413	16	56	20	10,345	23								
		—	Not applicable	1	2	675	8	13	5	2,827	6								
Total				53	100	8,829	100	274	100	45,151	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	5	10	176	2	6	2	939	2	2.8	3.0 *	-.36	3.1 **	-.46	3.0 **	-.39	
		2	Some	11	21	1,904	22	47	17	9,168	20								
		3	Quite a bit	28	54	4,314	49	133	49	21,808	48								
		4	Very much	8	15	2,428	28	88	32	13,194	29								
		Total				52	100	8,822	100	274	100								45,109
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	6	441	5	13	5	2,256	5	2.8	2.9	-.11	2.9	-.15	2.9	-.18	
		2	Some	15	28	2,323	26	73	27	10,731	24								
		3	Quite a bit	25	47	3,874	44	110	40	19,283	43								
		4	Very much	10	19	2,164	25	78	28	12,775	28								
		Total				53	100	8,802	100	274	100								45,045
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	7	13	799	9	23	8	4,011	9	2.6	2.8	-.16	2.9	-.27	2.9	-.23	
		2	Some	15	28	2,417	27	62	23	11,123	25								
		3	Quite a bit	21	40	3,450	39	111	41	17,203	38								
		4	Very much	10	19	2,147	24	78	28	12,699	28								
		Total				53	100	8,813	100	274	100								45,036

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	6	11	1,244	14	46	17	6,648	15	2.5	2.6	-.12	2.6	-.08	2.6	-.12
		2	Some	21	40	2,743	31	75	28	13,603	30							
		3	Quite a bit	19	36	2,890	33	92	34	14,736	33							
		4	Very much	7	13	1,922	22	57	21	10,007	22							
		Total		53	100	8,799	100	270	100	44,994	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	4	591	7	21	8	4,209	9	2.8	2.9	-.16	2.9	-.11	2.8	-.06
		2	Some	17	32	2,220	25	76	28	11,897	26							
		3	Quite a bit	26	49	3,520	40	97	36	17,134	38							
		4	Very much	8	15	2,471	28	79	29	11,760	26							
		Total		53	100	8,802	100	273	100	45,000	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	8	872	10	25	9	5,851	13	2.6	2.8	-.21	2.8	-.22	2.7	-.11
		2	Some	20	38	2,381	27	85	31	12,606	28							
		3	Quite a bit	23	43	3,354	38	84	31	16,006	36							
		4	Very much	6	11	2,190	25	78	29	10,504	23							
		Total		53	100	8,797	100	272	100	44,967	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	16	30	2,774	32	83	31	14,107	31	2.0	2.1	-.08	2.2	-.17	2.1	-.12
		2	Some	22	42	3,271	37	92	34	15,733	35							
		3	Quite a bit	13	25	1,891	21	58	21	10,055	22							
		4	Very much	2	4	866	10	38	14	5,097	11							
		Total		53	100	8,802	100	271	100	44,992	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	15	994	11	32	12	8,273	18	2.5	2.7	-.21	2.7	-.18	2.5	-.02
		2	Some	16	30	2,558	29	91	33	13,206	29							
		3	Quite a bit	23	43	3,234	37	80	29	14,872	33							
		4	Very much	6	11	2,005	23	69	25	8,584	19							
		Total		53	100	8,791	100	272	100	44,935	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	11	21	1,574	18	51	19	9,901	22	2.2	2.4	-.18	2.4	-.22	2.3	-.11
		2	Some	22	42	3,410	39	99	36	16,172	36							
		3	Quite a bit	17	32	2,636	30	75	28	12,809	28							
		4	Very much	3	6	1,187	13	47	17	6,083	14							
		Total		53	100	8,807	100	272	100	44,965	100							

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k																				
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with																		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ														
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	1 17 19 4 5 3 3 1	2 32 36 8 9 6 6 2	31 1,450 2,325 1,936 1,501 793 369 396	0 16 26 22 17 9 4 4	0 41 70 47 62 20 16 16	0 15 26 17 23 7 6 6	178 6,979 11,729 9,702 7,760 4,341 2,189 2,168	0 15 26 22 17 10 5 5	10.0	▼ 13.3 **	-0.41	▼ 14.1 **	-0.49	▼ 13.6 **	-0.44														
Total				53	100	8,801	100	272	100	45,046	100																					
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	23 8 7 8 4 1 0 2	43 15 13 15 8 2 0 4	2,486 2,831 1,566 928 495 279 84 137	28 32 18 11 6 3 1 2	131 64 28 18 13 5 2 9	48 23 10 7 5 3 1 3	18,543 11,664 6,033 3,724 2,377 1,306 548 818	41 26 13 8 5 3 1 2								6.5	6.3	.03	5.3	.15	5.5	.14							
Total				53	100	8,806	100	274	100	45,013	100																					
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	35 3 4 4 2 1 1 3	66 6 8 8 4 2 2 6	6,044 338 660 714 670 198 76 111	69 4 7 8 8 2 1 1	203 5 9 12 24 7 3 11	74 2 3 4 9 3 1 4	33,083 1,807 3,215 2,711 2,625 749 266 571	73 4 7 6 6 2 1 1															5.3	4.3	.13	4.7	.06	3.5	.25
Total				53	100	8,811	100	274	100	45,027	100																					

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	17	32	4,022	46	78	29	16,793	37	16.2	11.1 *	.40	16.9	-.05	14.7	.11
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	6	427	5	12	4	1,776	4							
	8	6-10 hrs	3	6	551	6	11	4	2,425	5								
	13	11-15 hrs	2	4	612	7	21	8	2,716	6								
	18	16-20 hrs	4	8	831	9	29	11	3,821	8								
	23	21-25 hrs	5	9	660	7	21	8	3,176	7								
	28	26-30 hrs	3	6	427	5	22	8	2,405	5								
	33	More than 30 hrs	16	30	1,274	14	78	29	11,951	27								
Total				53	100	8,804	100	272	100	45,063	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									21.5	15.4 ***	.47	21.4	.00	18.2	.24
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	32	60	4,420	50	126	46	22,761	51	2.4	2.9	-.09	3.8	-.22	3.0	-.10
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	30	3,165	36	94	35	15,684	35							
	8	6-10 hrs	3	6	600	7	23	8	3,382	8								
	13	11-15 hrs	0	0	288	3	11	4	1,475	3								
	18	16-20 hrs	0	0	171	2	10	4	819	2								
	23	21-25 hrs	1	2	80	1	2	1	393	1								
	28	26-30 hrs	0	0	27	0	2	1	156	0								
	33	More than 30 hrs	1	2	46	1	4	1	348	1								
Total				53	100	8,797	100	272	100	45,018	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	4	195	2	12	4	1,402	3	11.8	12.5	-.09	11.0	.09	11.1	.08
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	23	1,665	19	72	26	11,766	26							
	8	6-10 hrs	17	32	2,382	27	77	28	12,359	27								
	13	11-15 hrs	8	15	1,876	21	44	16	8,472	19								
	18	16-20 hrs	5	9	1,311	15	34	12	5,394	12								
	23	21-25 hrs	3	6	600	7	15	5	2,368	5								
	28	26-30 hrs	2	4	259	3	3	1	1,067	2								
	33	More than 30 hrs	4	8	523	6	17	6	2,216	5								
Total				53	100	8,811	100	274	100	45,044	100							

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	1	2	31	0	0	0	176	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	41	77	4,560	52	138	51	21,953	49								
		3	More than 5, up to 10 hrs	5	9	2,488	28	69	26	13,032	29								
		4	More than 10, up to 15 hrs	2	4	838	10	32	12	4,841	11								
		5	More than 15, up to 20 hrs	2	4	444	5	16	6	2,434	5								
		6	More than 20, up to 25 hrs	1	2	300	3	8	3	1,705	4								
		7	More than 25 hrs	1	2	107	1	7	3	737	2								
			Total	53	100	8,768	100	270	100	44,878	100								

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

a. Writing clearly and effectively	pgwrite	1	Very little	6	12	509	6	18	7	2,066	5	2.8	3.0	-.17	2.9	-.15	3.0	-.27
		2	Some	10	19	2,013	23	56	21	9,354	21							
		3	Quite a bit	24	46	3,651	42	123	45	18,381	41							
		4	Very much	12	23	2,618	30	75	28	15,201	34							
			Total	52	100	8,791	100	272	100	45,002	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	4	8	497	6	25	9	2,760	6	3.0	3.0	-.05	3.0	.01	3.0	-.06
		2	Some	10	19	1,895	22	52	19	9,459	21							
		3	Quite a bit	23	43	3,435	39	104	38	17,115	38							
		4	Very much	16	30	2,984	34	90	33	15,732	35							
			Total	53	100	8,811	100	271	100	45,066	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	4	213	2	12	4	1,019	2	3.1	3.2	-.23	3.2	-.15	3.3	-.27
		2	Some	10	19	1,285	15	37	14	6,148	14							
		3	Quite a bit	24	45	3,547	40	112	41	17,864	40							
		4	Very much	17	32	3,771	43	110	41	20,046	44							
			Total	53	100	8,816	100	271	100	45,077	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	1	2	375	4	16	6	2,096	5	3.2	3.1	.07	3.1	.07	3.1	.10
		2	Some	10	19	1,797	20	50	18	9,285	21							
		3	Quite a bit	21	40	3,305	38	98	36	17,192	38							
		4	Very much	20	38	3,334	38	107	39	16,509	37							
			Total	52	100	8,811	100	271	100	45,082	100							

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Mean	Effect size ⁿ		Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	8	594	7	25	9	2,987	7	2.9	3.0	-.13	3.0	-.11	3.0	-.14
		2	Some	15	28	1,926	22	51	19	9,506	21							
		3	Quite a bit	17	32	3,088	35	99	36	16,453	37							
		4	Very much	17	32	3,197	36	99	36	16,123	36							
		Total		53	100	8,805	100	274	100	45,069	100							
f. Working effectively with others	pgothers	1	Very little	2	4	346	4	17	6	2,106	5	3.0	3.1	-.10	3.1	-.06	3.1	-.07
		2	Some	9	17	1,633	19	51	19	8,559	19							
		3	Quite a bit	26	50	3,392	39	94	34	17,296	38							
		4	Very much	15	29	3,438	39	111	41	17,123	38							
		Total		52	100	8,809	100	273	100	45,084	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	7	13	936	11	31	11	4,040	9	2.6	2.8	-.18	2.8	-.21	2.9 *	-.28
		2	Some	17	33	2,282	26	71	26	10,633	24							
		3	Quite a bit	16	31	3,157	36	79	29	16,202	36							
		4	Very much	12	23	2,429	28	92	34	14,191	31							
		Total		52	100	8,804	100	273	100	45,066	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	9	17	723	8	26	9	4,022	9	2.5	2.9 *	-0.33	2.8	-.29	2.8 *	-0.32
		2	Some	17	32	2,395	27	78	28	12,094	27							
		3	Quite a bit	16	30	3,143	36	86	31	15,581	35							
		4	Very much	11	21	2,543	29	84	31	13,349	30							
		Total		53	100	8,804	100	274	100	45,046	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	3	6	737	8	23	8	3,676	8	2.8	2.8	-.01	2.9	-.06	2.8	-.04
		2	Some	18	34	2,451	28	74	27	12,117	27							
		3	Quite a bit	18	34	3,289	37	91	33	16,678	37							
		4	Very much	14	26	2,337	27	84	31	12,612	28							
		Total		53	100	8,814	100	272	100	45,083	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	9	17	1,008	11	33	12	5,038	11	2.5	2.7	-.21	2.7	-.19	2.7	-.25
		2	Some	18	34	2,700	31	84	31	13,032	29							
		3	Quite a bit	16	30	2,953	34	86	32	15,186	34							
		4	Very much	10	19	2,147	24	68	25	11,804	26							
		Total		53	100	8,808	100	271	100	45,060	100							

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019			
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	1	2	204	2	7	3	1,013	2	3.4	3.3	.13	3.2	.22	3.3	.09	
		2	Fair	4	8	982	11	34	13	4,926	11								
		3	Good	23	43	3,937	45	129	48	19,226	43								
		4	Excellent	25	47	3,705	42	101	37	20,010	44								
			Total	53	100	8,828	100	271	100	45,175	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	2	4	331	4	11	4	1,967	4	3.4	3.3	.17	3.2	.27	3.2	.18	
		2	Probably no	3	6	1,075	12	44	16	5,540	12								
		3	Probably yes	20	38	3,406	38	106	39	17,102	38								
		4	Definitely yes	28	53	4,049	46	114	41	20,693	46								
			Total	53	100	8,861	100	275	100	45,302	100								

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a								
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	20	57	4,424	68	168	77	22,191	73	42	79	6,277	71	206	75	34,811	77	
		More than one	15	43	2,125	32	51	23	8,271	27	11	21	2,598	29	67	25	10,497	23	
		Total	35	100	6,549	100	219	100	30,462	100	53	100	8,875	100	273	100	45,308	100	
	First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	91	1	3	1	418	1	0	0	76	1	2	1	347	1
			Biological Sci., Agriculture, & Natural Resources	0	0	53	1	1	0	185	1	0	0	41	0	1	0	120	0
			Physical Sci., Mathematics, & Computer Science	0	0	84	1	1	0	278	1	0	0	92	1	1	0	318	1
			Social Sciences	3	9	964	15	12	5	3,126	10	4	8	1,203	13	21	8	3,802	8
			Business	28	80	5,135	78	190	86	25,547	83	49	92	7,169	80	242	88	39,416	87
			Communications, Media, & Public Relations	0	0	70	1	1	0	200	1	0	0	57	1	1	0	147	0
			Education	1	3	4	0	1	0	69	0	0	0	6	0	0	0	83	0
Engineering			0	0	53	1	2	1	132	0	0	0	67	1	1	0	142	0	
Health Professions			1	3	36	1	3	1	192	1	0	0	46	1	3	1	249	1	
Social Service Professions			1	3	60	1	1	0	254	1	0	0	104	1	2	1	576	1	
All Other	1	3	31	0	4	2	230	1	0	0	50	1	1	0	327	1			
Undecided, Undeclared	0	0	5	0	1	0	35	0	0	0	1	0	0	0	14	0			
Total	35	100	6,586	100	220	100	30,666	100	53	100	8,912	100	275	100	45,541	100			
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	0	0	173	8	4	8	727	9	1	9	215	8	7	10	794	8	
		Biological Sci., Agriculture, & Natural Resources	0	0	22	1	0	0	108	1	0	0	26	1	0	0	108	1	
		Physical Sci., Mathematics, & Computer Science	0	0	89	4	1	2	260	3	1	9	71	3	0	0	242	2	
		Social Sciences	1	7	457	22	7	14	1,491	18	0	0	503	19	4	6	1,560	15	
		Business	12	80	1,129	53	36	71	4,449	54	8	73	1,533	59	51	76	6,198	59	
		Communications, Media, & Public Relations	0	0	62	3	0	0	223	3	0	0	43	2	1	1	201	2	
		Education	0	0	7	0	0	0	54	1	0	0	4	0	1	1	93	1	
		Engineering	0	0	9	0	1	2	37	0	0	0	11	0	0	0	67	1	
		Health Professions	0	0	24	1	1	2	115	1	0	0	14	1	1	1	175	2	
		Social Service Professions	0	0	52	2	1	2	226	3	0	0	53	2	0	0	312	3	
All Other	2	13	49	2	0	0	274	3	1	9	81	3	2	3	463	4			
Undecided, Undeclared	0	0	43	2	0	0	265	3	0	0	35	1	0	0	224	2			
Total	15	100	2,116	100	51	100	8,229	100	11	100	2,589	100	67	100	10,437	100			
22. What is your class level?	class	Freshman/First-year	25	74	5,871	90	186	85	26,034	86	0	0	16	0	0	0	120	0	
		Sophomore	9	26	545	8	26	12	3,334	11	0	0	54	1	4	1	271	1	
		Junior	0	0	59	1	3	1	491	2	0	0	686	8	7	3	2,888	6	
		Senior	0	0	8	0	1	0	142	0	47	92	7,913	90	253	93	40,794	91	
		Unclassified	0	0	9	0	2	1	201	1	4	8	120	1	8	3	880	2	
		Total	34	100	6,492	100	218	100	30,202	100	51	100	8,789	100	272	100	44,953	100	

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	107	2	9	4	1,219	4	9	18	1,498	17	54	20	8,652	19
		Yes	35	100	6,363	98	209	96	28,857	96	40	82	7,246	83	215	80	36,108	81
		Total	35	100	6,470	100	218	100	30,076	100	49	100	8,744	100	269	100	44,760	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0	1	0	108	0	1	2	193	2	4	1	1,110	2	
		1	0	0	23	0	4	2	380	1	1	2	227	3	10	4	2,089	5
		2	0	0	45	1	0	0	728	2	3	6	594	7	21	8	4,578	10
		3	0	0	113	2	9	4	971	3	4	8	908	10	21	8	5,154	11
		4	7	21	1,354	21	41	19	6,751	22	18	34	2,790	32	84	31	12,727	28
		5	19	56	3,222	50	112	51	13,283	44	14	26	2,563	29	81	30	11,174	25
		6	6	18	1,254	19	38	17	5,401	18	9	17	995	11	31	11	5,199	12
		7 or more	2	6	476	7	14	6	2,630	9	3	6	526	6	21	8	3,010	7
		Total	34	100	6,505	100	219	100	30,252	100	53	100	8,796	100	273	100	45,041	100
b. Of these, how many are entirely online ?	onlinenum	0	25	74	4,812	74	125	58	22,181	74	24	45	5,602	64	112	41	23,692	53
		1	4	12	1,215	19	56	26	4,351	14	19	36	1,817	21	80	29	9,064	20
		2	3	9	292	5	16	7	1,693	6	7	13	725	8	37	14	5,590	12
		3	1	3	83	1	10	5	565	2	1	2	325	4	20	7	2,601	6
		4	0	0	36	1	8	4	683	2	0	0	184	2	11	4	2,018	4
		5	1	3	22	0	0	0	186	1	1	2	43	0	7	3	628	1
		6	0	0	5	0	1	0	120	0	1	2	39	0	2	1	533	1
		7 or more	0	0	9	0	1	0	339	1	0	0	34	0	3	1	736	2
Total	34	100	6,474	100	217	100	30,118	100	53	100	8,769	100	272	100	44,862	100		
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecscol	No courses taken online	25	74	4,812	74	125	58	22,181	74	24	45	5,602	64	112	41	23,692	53
		Some courses taken online	8	24	1,558	24	78	36	5,734	19	24	45	2,583	29	125	46	12,574	28
		All courses taken online	1	3	104	2	14	6	2,203	7	5	9	584	7	35	13	8,596	19
		Total	34	100	6,474	100	217	100	30,118	100	53	100	8,769	100	272	100	44,862	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	52	1	4	2	406	1	0	0	20	0	0	0	145	0
		C	0	0	86	1	4	2	579	2	0	0	102	1	5	2	699	2
		C+	1	3	163	3	10	5	1,087	4	3	6	232	3	17	6	1,561	3
		B-	3	9	279	4	14	6	1,670	6	4	8	424	5	24	9	2,485	6
		B	5	14	970	15	44	20	4,802	16	8	15	1,583	18	53	20	7,820	17
		B+	4	11	1,154	18	32	15	5,641	19	10	19	1,859	21	44	16	8,699	19
		A-	8	23	1,610	25	40	18	6,820	23	9	17	1,994	23	50	18	9,582	21
		A	14	40	2,170	33	71	32	9,185	30	19	36	2,563	29	78	29	13,958	31
Total	35	100	6,484	100	219	100	30,190	100	53	100	8,777	100	271	100	44,949	100		
26. Did you begin college at this institution or elsewhere?	begincol	Started here	33	94	6,135	95	194	89	27,044	90	29	55	5,538	63	159	58	23,850	53
		Started elsewhere	2	6	340	5	25	11	3,089	10	24	45	3,213	37	114	42	21,009	47
		Total	35	100	6,475	100	219	100	30,133	100	53	100	8,751	100	273	100	44,859	100

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
27. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	1	3	78	1	9	4	1,125	4	2	4	339	4	24	9	3,519	8
	attend_com	Community or junior college	5	15	478	7	21	10	2,992	10	21	40	3,098	36	91	33	18,461	41
	attend_col	4-year college or university other than this one	1	3	580	9	26	12	3,311	11	13	25	2,088	24	98	36	12,513	28
	attend_none	None	27	79	5,217	81	159	73	22,560	75	22	42	4,134	47	97	36	17,469	39
	attend_other	Other	1	3	183	3	6	3	1,109	4	1	2	261	3	12	4	1,829	4
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	1	3	376	6	22	10	2,578	9	1	2	455	5	24	9	3,404	8
		Bachelor's degree (B.A., B.S., etc.)	13	38	2,197	34	89	41	11,534	38	21	40	3,124	36	104	38	17,198	38
		Master's degree (M.A., M.S., etc.)	13	38	3,083	48	86	39	12,880	43	26	49	4,139	47	111	41	19,987	45
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	7	21	801	12	22	10	3,053	10	5	9	1,033	12	33	12	4,273	10
		Total	34	100	6,457	100	219	100	30,045	100	53	100	8,751	100	272	100	44,862	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	4	12	257	4	9	4	1,539	5	3	6	427	5	16	6	2,877	6
		High school diploma or G.E.D.	8	24	745	12	54	25	5,066	17	7	13	1,172	13	72	27	9,054	20
		Attended college, but did not complete degree	5	15	446	7	20	9	2,884	10	5	9	659	8	37	14	4,517	10
		Associate's degree (A.A., A.S., etc.)	1	3	324	5	27	12	2,268	8	3	6	608	7	25	9	4,303	10
		Bachelor's degree (B.A., B.S., etc.)	6	18	2,164	34	55	25	9,269	31	16	30	2,950	34	87	32	13,206	30
		Master's degree (M.A., M.S., etc.)	7	21	1,797	28	44	20	6,694	22	16	30	2,017	23	26	10	7,946	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	9	708	11	9	4	2,265	8	3	6	901	10	7	3	2,846	6
		Total	34	100	6,441	100	218	100	29,985	100	53	100	8,734	100	270	100	44,749	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	16	47	4,669	72	108	50	18,228	61	35	66	5,868	67	120	44	23,998	54
		First-generation	18	53	1,772	28	110	50	11,757	39	18	34	2,866	33	150	56	20,751	46
		Total	34	100	6,441	100	218	100	29,985	100	53	100	8,734	100	270	100	44,749	100
30. What is your gender identity?	genderid	Man	11	31	2,744	42	89	41	12,759	42	22	42	3,780	43	104	38	18,668	42
		Woman	23	66	3,627	56	125	57	16,863	56	30	57	4,821	55	160	59	25,441	57
		Another gender identity	1	3	36	1	0	0	176	1	1	2	50	1	2	1	247	1
		I prefer not to respond	0	0	51	1	4	2	252	1	0	0	96	1	6	2	464	1
		Total	35	100	6,458	100	218	100	30,050	100	53	100	8,747	100	272	100	44,820	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	31	89	6,042	94	191	88	25,299	85	0	0	53	1	0	0	217	0
		20-23	4	11	327	5	15	7	2,223	7	41	79	6,662	77	161	60	27,069	61
		24-29	0	0	19	0	5	2	634	2	6	12	1,049	12	35	13	6,307	14
		30-39	0	0	16	0	5	2	855	3	2	4	556	6	47	17	5,407	12
		40-55	0	0	14	0	2	1	753	3	3	6	322	4	24	9	4,767	11
		Over 55	0	0	6	0	0	0	100	0	0	0	41	0	2	1	597	1
		Total	35	100	6,424	100	218	100	29,864	100	52	100	8,683	100	269	100	44,364	100

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32a. Are you an international student? [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	internat	No	32	91	5,799	90	203	93	27,723	93	50	94	7,974	91	256	94	41,923	94
		Yes	3	9	642	10	16	7	2,241	7	3	6	754	9	16	6	2,749	6
		Total	35	100	6,441	100	219	100	29,964	100	53	100	8,728	100	272	100	44,672	100
	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	10	2	3	23	123	6	0	0	34	5	0	0	167	7
		Asia	1	100	403	72	4	31	1,018	52	1	50	420	65	9	56	1,172	49
		Canada	0	0	13	2	0	0	62	3	0	0	17	3	1	6	90	4
		Europe	0	0	54	10	5	38	349	18	1	50	74	11	2	13	349	15
		Latin America and Caribbean	0	0	54	10	1	8	322	16	0	0	67	10	0	0	386	16
		Middle East and North Africa	0	0	21	4	0	0	73	4	0	0	28	4	4	25	185	8
		Oceania	0	0	2	0	0	0	13	1	0	0	5	1	0	0	33	1
Unknown region/uncoded		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
Total	1	100	557	100	13	100	1,961	100	2	100	645	100	16	100	2,382	100		
33. How would you describe yourself? (Select all that apply.) Racial or ethnic identification	re_amind	American Indian or Alaska Native	1	3	119	2	4	2	636	2	0	0	155	2	4	1	795	2
		Asian	3	9	1,265	20	11	5	3,410	11	2	4	1,381	16	20	7	4,279	10
	re_black	Black or African American	2	6	416	6	64	30	3,336	11	2	4	552	6	47	17	4,399	10
		Hispanic or Latina/o	2	6	722	11	9	4	4,020	13	3	6	1,151	13	7	3	5,835	13
	re_mena	Middle Eastern or N. African (2019)	0	0	60	2	0	0	266	2	0	0	77	1	2	1	316	1
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	60	1	2	1	351	1	0	0	53	1	2	1	396	1
	re_white	White	30	86	4,227	66	131	61	19,801	66	46	87	5,718	66	183	68	29,876	67
	re_another	Another race or ethnicity (2019)	1	3	31	1	0	0	209	1	0	0	49	1	4	2	350	1
	re_other	Other (2018)	0	0	83	3	1	2	292	2	0	0	62	2	2	3	407	2
	re_pnr	I prefer not to respond	1	3	134	2	6	3	762	3	0	0	233	3	13	5	1,412	3
	re_all19 (Items re_amind to re_pnr recoded where each student is represented only once)	American Indian or Alaska Native	1	3	35	1	2	1	174	1	0	0	35	0	2	1	244	1
		Asian	1	3	1,081	17	9	4	2,724	9	2	4	1,213	14	17	6	3,562	8
		Black or African American	1	3	320	5	58	27	2,647	9	2	4	445	5	47	17	3,670	8
		Hispanic or Latina/o	1	3	407	6	6	3	2,708	9	3	6	817	9	3	1	4,382	10
		Middle Eastern or N. African (2019)	0	0	29	0	0	0	129	0	0	0	44	1	0	0	197	0
		Native Hawaiian/Other Pac. Islander	0	0	21	0	1	0	124	0	0	0	16	0	1	0	146	0
		White	25	71	3,686	58	121	56	17,541	59	46	87	5,129	59	172	63	27,397	62
Another race or ethnicity (2019)		0	0	15	0	0	0	112	0	0	0	27	0	2	1	198	0	
Other (2018)		0	0	54	1	1	0	183	1	0	0	45	1	2	1	275	1	
Total	35	100	6,409	100	216	100	29,852	100	53	100	8,673	100	271	100	44,519	100		
34. Are you a member of a social fraternity or sorority?	greek	No	31	89	4,932	77	195	89	25,916	86	45	85	6,665	76	231	86	38,044	85
		Yes	4	11	1,513	23	23	11	4,078	14	8	15	2,070	24	39	14	6,708	15
		Total	35	100	6,445	100	218	100	29,994	100	53	100	8,735	100	270	100	44,752	100

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a								
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	12	34	4,877	76	116	53	19,805	66	3	6	853	10	25	9	6,424	14	
		Fraternity or sorority house	0	0	162	3	4	2	336	1	0	0	351	4	5	2	844	2	
		House, apartment, or other residence within walking distance to campus	7	20	400	6	23	11	1,761	6	18	34	3,262	37	52	19	10,021	22	
		House, apartment, or other residence farther than walk. dist. to campus	16	46	923	14	69	32	6,306	21	30	57	3,943	45	176	65	21,416	48	
		Not applicable: No campus, entirely online program, etc.	0	0	47	1	3	1	1,517	5	2	4	284	3	13	5	5,725	13	
		Not applicable: Homeless or in transition	0	0	16	0	2	1	106	0	0	0	19	0	1	0	149	0	
		Total	35	100	6,425	100	217	100	29,831	100	53	100	8,712	100	272	100	44,579	100	
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	32	91	6,144	95	198	91	26,315	88	49	94	8,498	97	260	96	41,485	93	
		Yes	3	9	291	5	20	9	3,605	12	3	6	233	3	10	4	3,176	7	
		Total	35	100	6,435	100	218	100	29,920	100	52	100	8,731	100	270	100	44,661	100	
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	35	100	6,344	99	212	98	29,322	98	53	100	8,388	96	260	96	41,425	93	
		Yes	0	0	81	1	5	2	552	2	0	0	321	4	12	4	3,198	7	
		Total	35	100	6,425	100	217	100	29,874	100	53	100	8,709	100	272	100	44,623	100	
38a. Have you been diagnosed with any disability or impairment?	disability	No	30	86	5,686	88	198	91	26,025	87	49	92	7,653	88	232	85	38,825	87	
		Yes	3	9	577	9	9	4	2,953	10	4	8	833	10	26	10	4,519	10	
		I prefer not to respond	2	6	178	3	11	5	982	3	0	0	238	3	15	5	1,390	3	
		Total	35	100	6,441	100	218	100	29,960	100	53	100	8,724	100	273	100	44,734	100	
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	1	33	83	15	1	11	405	14	1	25	71	9	2	8	558	12	
		dis_mobility	A mobility impairment	1	33	22	4	1	11	173	6	0	0	57	7	1	4	472	11
		dis_learning	A learning disability (e.g., ADHD, dyslexia)	0	0	273	48	3	33	1,378	47	1	25	399	48	9	36	1,874	42
		dis_mental	A mental health disorder	2	67	220	39	3	33	1,105	38	1	25	347	42	10	40	1,704	38
		dis_other	A disability or impairment not listed above	0	0	91	16	2	22	499	17	2	50	155	19	10	40	1,090	24
		Disability or impairment	disability_all	A sensory impairment	1	3	60	1	0	0	274	1	1	2	38	0	1	0	306
(Items dis_sense to dis_other recorded where each student is represented only once.)	A mobility impairment		0	0	11	0	0	0	100	0	0	0	24	0	0	0	212	0	
	A learning disability		0	0	186	3	3	1	964	3	1	2	279	3	5	2	1,273	3	
	A mental health disorder		1	3	137	2	3	1	685	2	0	0	218	3	6	2	999	2	
	A disability or impairment not listed		0	0	64	1	2	1	350	1	1	2	97	1	9	3	711	2	
	More than one disability or impairment		1	3	109	2	1	0	548	2	1	2	170	2	4	1	979	2	
	No disability or impairment		30	86	5,686	88	198	91	26,025	87	49	92	7,653	88	232	85	38,825	87	
	Prefer not to respond	2	6	178	3	11	5	982	3	0	0	238	3	15	6	1,390	3		
	Total	35	100	6,431	100	218	100	29,928	100	53	100	8,717	100	272	100	44,695	100		

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a								
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	28	80	5,709	89	198	92	26,517	89	49	92	7,703	88	244	89	39,795	89	
		Bisexual	2	6	235	4	6	3	1,175	4	1	2	310	4	4	1	1,313	3	
		Gay	1	3	125	2	3	1	399	1	0	0	175	2	3	1	694	2	
		Lesbian	0	0	44	1	0	0	201	1	0	0	64	1	4	1	330	1	
		Queer	0	0	25	0	1	0	118	0	0	0	30	0	1	0	153	0	
		Questioning or unsure	1	3	80	1	1	0	272	1	0	0	57	1	0	0	247	1	
		Another sexual orientation	1	3	47	1	2	1	248	1	1	2	59	1	3	1	289	1	
		I prefer not to respond	2	6	177	3	5	2	1,021	3	2	4	328	4	14	5	1,903	4	
Total			35	100	6,442	100	216	100	29,951	100	53	100	8,726	100	273	100	44,724	100	
Institution-reported information (Variables provided by your institution in your NSSE population file.)																			
Institution-reported: Sex	IRsex19	Female	23	66	3,723	57	126	57	17,314	56	30	57	4,970	56	167	61	26,101	57	
		Male	12	34	2,865	43	94	43	13,309	43	23	43	3,941	44	108	39	19,369	43	
		Another	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Unknown	0	0	1	0	0	0	0	55	0	0	0	1	0	0	0	75	0
		Total			35	100	6,589	100	220	100	30,678	100	53	100	8,912	100	275	100	45,545
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	18	0	2	1	138	0	0	0	42	1	1	0	251	1	
		Asian	2	6	551	10	5	2	1,610	6	2	4	628	8	6	2	2,287	6	
		Black or African American	1	3	272	5	57	26	2,395	9	2	4	395	5	51	19	3,383	8	
		Hispanic or Latino	0	0	613	11	9	4	3,524	13	0	0	1,016	13	11	4	5,122	12	
		Native Hawaiian/Other Pac. Islander	0	0	7	0	1	0	136	0	0	0	10	0	0	0	161	0	
		White	30	86	3,332	59	126	57	16,229	58	46	87	4,501	59	179	65	24,847	60	
		Other	0	0	0	0	0	0	14	0	0	0	0	0	0	0	23	0	
		Foreign or nonresident	0	0	491	9	12	5	1,712	6	0	0	643	8	17	6	2,247	5	
		Two or more races/ethnicities	2	6	232	4	5	2	997	4	2	4	273	4	4	1	1,242	3	
Total			35	100	5,620	100	220	100	27,750	100	53	100	7,648	100	275	100	41,317	100	
Institution-reported: Class level	IRclass	Freshman/First-Year	35	100	6,589	100	220	100	30,679	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	53	100	8,912	100	275	100	45,549	100	
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Total			35	100	6,589	100	220	100	30,679	100	53	100	8,912	100	275	100	45,549
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	5	14	605	9	27	12	4,433	14	52	98	8,912	100	275	100	45,024	99	
		First-time first-year	30	86	5,984	91	192	88	26,245	86	1	2	0	0	0	0	525	1	
		Total			35	100	6,589	100	219	100	30,678	100	53	100	8,912	100	275	100	45,549
Institution-reported: Enrollment status	IRenrollment	Not full-time	1	3	163	2	11	5	1,357	4	7	13	1,177	13	54	20	7,936	17	
		Full-time	34	97	6,426	98	209	95	29,322	96	46	87	7,735	87	221	80	37,613	83	
		Total			35	100	6,589	100	220	100	30,679	100	53	100	8,912	100	275	100	45,549

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.