
Tennessee Technological University

NSSE 2020 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.

First-Year Students in Business

Seniors in Business

Theme	Engagement Indicator	First-Year Students in Business			Seniors in Business		
		Your first-year students compared with Southeast Public	Your first-year students compared with Carnegie Class	Your first-year students compared with NSSE 2019 & 2020	Your seniors compared with Southeast Public	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2019 & 2020
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 2020 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 = 38)	33.2	12.0	1.95	20	25	30	40	60				
Southeast Public	37.7	13.2	.18	20	30	40	45	60	5,518	-4.6	*	-.346
Carnegie Class	37.7	12.8	.18	20	30	40	45	60	5,031	-4.5	*	-.354
NSSE 2019 & 2020	38.2	12.9	.07	20	30	40	45	60	32,792	-5.0	*	-.387
Reflective & Integrative Learning												
Tennessee Tech (N = 38)	31.9	11.8	1.91	14	23	29	40	51				
Southeast Public	35.2	12.0	.16	17	26	34	43	57	5,589	-3.3		-.272
Carnegie Class	35.4	11.7	.16	17	26	34	43	57	5,083	-3.5		-.297
NSSE 2019 & 2020	35.6	11.8	.06	17	29	34	43	57	33,178	-3.7	*	-.318
Learning Strategies												
Tennessee Tech (N = 37)	36.6	14.5	2.39	13	27	40	47	60				
Southeast Public	39.0	13.7	.19	20	27	40	47	60	5,518	-2.4		-.175
Carnegie Class	37.7	13.6	.19	20	27	40	47	60	5,026	-1.1		-.082
NSSE 2019 & 2020	38.6	13.6	.08	20	27	40	47	60	32,835	-2.0		-.145
Quantitative Reasoning												
Tennessee Tech (N = 37)	30.8	17.0	2.80	0	20	33	47	60				
Southeast Public	30.2	15.2	.21	7	20	27	40	60	5,491	.6		.038
Carnegie Class	30.1	14.6	.21	7	20	27	40	60	5,017	.7		.046
NSSE 2019 & 2020	30.4	14.9	.08	7	20	27	40	60	32,715	.4		.029
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 38)	35.0	13.0	2.11	15	25	35	40	60				
Southeast Public	33.3	14.2	.19	10	20	35	40	60	5,579	1.7		.120
Carnegie Class	33.5	13.7	.19	10	25	35	40	60	5,069	1.5		.107
NSSE 2019 & 2020	32.5	14.7	.08	5	20	35	40	60	33,079	2.5		.173
Discussions with Diverse Others												
Tennessee Tech (N = 38)	41.2	16.1	2.61	10	30	40	60	60				
Southeast Public	40.7	15.7	.21	15	30	40	55	60	5,513	.5		.029
Carnegie Class	38.8	15.1	.21	15	30	40	50	60	5,038	2.4		.156
NSSE 2019 & 2020	39.6	15.6	.09	15	30	40	55	60	32,830	1.6		.104

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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 = 38)	22.4	15.1	2.46	0	10	20	30	50				
Southeast Public	22.3	15.1	.20	0	10	20	30	55	5,508	.1		.006
Carnegie Class	21.1	14.6	.21	0	10	20	30	50	5,037	1.2		.084
NSSE 2019 & 2020	22.0	14.8	.08	0	10	20	30	50	32,761	.4		.024
Effective Teaching Practices												
Tennessee Tech (N = 38)	34.5	15.4	2.49	12	20	36	44	60				
Southeast Public	38.1	13.1	.18	16	28	40	48	60	5,567	-3.6		-.273
Carnegie Class	37.3	12.7	.18	16	28	36	44	60	5,080	-2.8		-.223
NSSE 2019 & 2020	38.5	13.0	.07	16	28	40	48	60	33,119	-4.1		-.313
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 38)	44.2	11.5	1.86	22	38	45	52	60				
Southeast Public	43.2	12.0	.16	22	36	44	52	60	5,334	1.0		.086
Carnegie Class	42.1	11.9	.17	20	34	44	50	60	4,860	2.1		.179
NSSE 2019 & 2020	43.3	11.9	.07	22	36	44	52	60	31,539	.9		.074
Supportive Environment												
Tennessee Tech (N = 38)	32.8	12.8	2.08	15	20	34	43	55				
Southeast Public	37.3	13.3	.18	15	28	38	45	60	5,532	-4.5	*	-.335
Carnegie Class	35.4	13.3	.19	15	25	35	45	60	5,042	-2.6		-.197
NSSE 2019 & 2020	36.1	13.4	.07	15	28	38	45	60	32,900	-3.3		-.245

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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 = 47)	37.8	12.1	1.77	20	30	35	45	60				
Southeast Public	39.0	13.5	.15	20	30	40	50	60	7,631	-1.2		-.092
Carnegie Class	39.1	13.3	.17	20	30	40	50	60	5,892	-1.3		-.098
NSSE 2019 & 2020	39.5	13.3	.06	20	30	40	50	60	48,235	-1.8		-.132
Reflective & Integrative Learning												
Tennessee Tech (N = 48)	36.9	9.5	1.37	26	31	36	41	54				
Southeast Public	37.4	12.2	.14	20	29	37	46	60	48	-.5		-.039
Carnegie Class	37.9	12.0	.16	20	29	37	46	60	48	-1.0		-.085
NSSE 2019 & 2020	37.8	12.1	.05	20	29	37	46	60	47	-.9		-.075
Learning Strategies												
Tennessee Tech (N = 47)	39.3	13.5	1.97	20	33	40	53	60				
Southeast Public	38.9	14.3	.16	13	27	40	47	60	7,635	.4		.031
Carnegie Class	37.1	14.2	.19	13	27	40	47	60	5,884	2.2		.153
NSSE 2019 & 2020	38.1	14.4	.07	13	27	40	47	60	48,304	1.2		.083
Quantitative Reasoning												
Tennessee Tech (N = 47)	34.0	12.5	1.83	20	27	33	40	60				
Southeast Public	32.8	15.4	.18	7	20	33	40	60	47	1.2		.078
Carnegie Class	33.0	15.4	.20	7	20	33	40	60	47	1.0		.067
NSSE 2019 & 2020	33.0	15.3	.07	7	20	33	40	60	46	1.1		.070
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 48)	37.3	13.0	1.87	15	30	35	50	60				
Southeast Public	33.8	14.2	.16	10	25	35	45	60	7,696	3.4		.242
Carnegie Class	34.8	14.4	.19	10	25	35	45	60	5,930	2.5		.177
NSSE 2019 & 2020	31.7	15.4	.07	5	20	30	40	60	48,574	5.6	*	.366
Discussions with Diverse Others												
Tennessee Tech (N = 48)	39.6	17.9	2.59	5	28	40	60	60				
Southeast Public	41.4	15.9	.18	15	30	40	60	60	7,641	-1.8		-.113
Carnegie Class	39.9	15.4	.20	15	30	40	55	60	5,891	-.3		-.018
NSSE 2019 & 2020	39.8	16.1	.07	10	30	40	55	60	48,233	-.2		-.011

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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 = 47)	26.8	16.0	2.34	5	15	25	40	55				
Southeast Public	23.7	16.1	.18	0	10	20	35	60	7,637	3.2		.196
Carnegie Class	23.0	15.6	.20	0	10	20	35	55	5,895	3.8		.242
NSSE 2019 & 2020	22.5	15.9	.07	0	10	20	35	55	48,299	4.3		.273
Effective Teaching Practices												
Tennessee Tech (N = 48)	37.8	12.4	1.80	20	32	36	44	60				
Southeast Public	39.3	13.7	.16	16	28	40	48	60	7,704	-1.4		-.104
Carnegie Class	38.6	13.2	.17	16	28	40	48	60	5,942	-.8		-.060
NSSE 2019 & 2020	39.4	13.5	.06	16	32	40	48	60	48,717	-1.5		-.113
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 47)	44.6	10.0	1.46	26	40	44	52	60				
Southeast Public	42.8	12.3	.14	20	36	44	52	60	7,282	1.7		.141
Carnegie Class	42.2	11.7	.16	20	34	44	50	60	5,631	2.4		.206
NSSE 2019 & 2020	43.3	12.1	.06	20	36	44	52	60	45,579	1.3		.103
Supportive Environment												
Tennessee Tech (N = 48)	32.8	12.3	1.77	15	25	33	40	58				
Southeast Public	34.0	14.1	.16	10	25	35	43	60	7,646	-1.3		-.089
Carnegie Class	32.4	13.5	.18	10	23	33	40	58	5,913	.3		.025
NSSE 2019 & 2020	32.4	14.1	.06	10	23	33	40	60	48,403	.3		.021

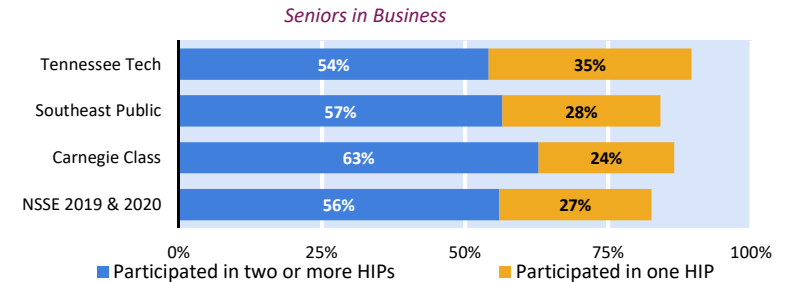
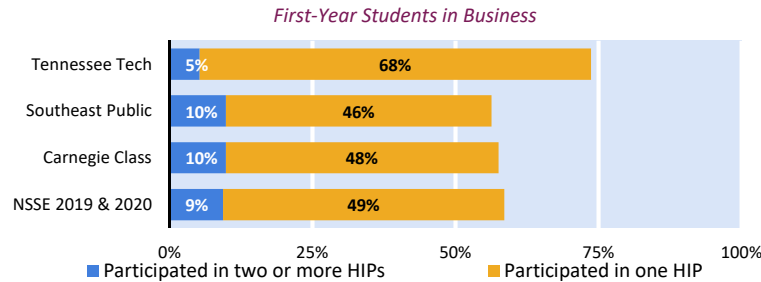
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High-Impact Practices: Business

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	Your students' participation compared with:						
		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	
<i>First-Year Students in Business</i>								
12. Service-Learning	73	+22	** .45	+22	** .46	+19	* .41	
11c. Learning Community	5	-8	-.27	-9	-.32	-7	-.25	
11e. Research with Faculty	3	-2	-.09	-1	-.04	-1	-.06	
Participated in at least one	74	+17	* .37	+16	* .34	+15	.32	
Participated in two or more	5	-5	-.18	-5	-.18	-4	-.16	
<i>Seniors in Business</i>								
12. Service-Learning	60	+3	.06	+3	.05	+3	.06	
11c. Learning Community	23	+3	.06	-1	-.02	+4	.09	
11e. Research with Faculty	19	+5	.12	+4	.11	+5	.14	
11a. Internship or Field Exp.	28	-20	** -.41	-26	*** -.53	-18	* -.37	
11d. Study Abroad	23	+4	.10	+1	.02	+4	.11	
11f. Culminating Senior Exp.	46	+4	.09	-2	-.03	+1	.02	
Participated in at least one	90	+5	.16	+3	.09	+7	.20	
Participated in two or more	54	-2	-.05	-9	-.18	-2	-.04	

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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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	194	3	184	4	1,126	3	2.7	2.8	-.12	2.8	-.10	2.8	-.17	
		2	Sometimes	18	47	2,127	38	1,966	39	11,847	36								
		3	Often	14	37	1,938	35	1,764	35	11,747	35								
		4	Very often	6	16	1,310	24	1,150	23	8,501	26								
		Total		38	100	5,569	100	5,064	100	33,221	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	2	5	298	5	269	5	1,690	5	3.1	3.1	.03	3.0	.07	3.1	.00	
		2	Often	3	8	667	12	644	13	3,815	11								
		3	Sometimes	23	61	3,039	55	2,841	56	17,847	54								
		4	Never	10	26	1,569	28	1,318	26	9,880	30								
		Total		38	100	5,573	100	5,072	100	33,232	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendant	1	Never	8	21	2,250	40	2,154	43	14,216	43	2.0	1.9	.12	1.8	.16	1.8	.16	
		2	Sometimes	24	63	2,176	39	1,892	37	12,484	38								
		3	Often	5	13	791	14	740	15	4,508	14								
		4	Very often	1	3	354	6	280	6	2,016	6								
		Total		38	100	5,571	100	5,066	100	33,224	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	1	3	500	9	379	7	3,621	11	2.8	2.6	.16	2.6	.14	2.6	.21	
		2	Sometimes	15	39	2,076	37	1,940	38	12,511	38								
		3	Often	14	37	2,024	36	1,851	37	11,572	35								
		4	Very often	8	21	977	18	897	18	5,545	17								
		Total		38	100	5,577	100	5,067	100	33,249	100								
e. Explained course material to one or more students	CLexplain	1	Never	1	3	248	4	186	4	2,337	7	2.8	2.8	.04	2.8	.02	2.7	.12	
		2	Sometimes	12	32	1,940	35	1,780	35	11,671	35								
		3	Often	19	50	2,290	41	2,098	41	13,169	40								
		4	Very often	6	16	1,095	20	1,004	20	6,090	18								
		Total		38	100	5,573	100	5,068	100	33,267	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				NSSE 2019 & 2020				Your first-year students compared with						
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	3	8	712	13	620	12	4,990	15	2.6	2.6	.01	2.6	.03	2.6	.08
		2	Sometimes	15	39	1,837	33	1,761	35	11,090	33							
		3	Often	13	34	1,874	34	1,722	34	10,849	33							
		4	Very often	7	18	1,151	21	969	19	6,340	19							
		Total		38	100	5,574	100	5,072	100	33,269	100							
g. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	426	8	290	6	3,049	9	2.8	2.7	.18	2.7	.15	2.7	.16
		2	Sometimes	14	37	2,090	38	1,915	38	11,297	34							
		3	Often	17	45	2,012	36	1,930	38	12,481	38							
		4	Very often	7	18	1,042	19	937	18	6,424	19							
		Total		38	100	5,570	100	5,072	100	33,251	100							
h. Given a course presentation	present	1	Never	3	8	1,156	21	726	14	5,731	17	2.7	2.3 *	.40	2.4	.28	2.4	.29
		2	Sometimes	16	42	2,317	42	2,175	43	13,333	40							
		3	Often	10	26	1,449	26	1,520	30	9,639	29							
		4	Very often	9	24	652	12	644	13	4,544	14							
		Total		38	100	5,574	100	5,065	100	33,247	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	4	11	498	9	365	7	2,648	8	2.4	2.6	-.17	2.6	-.23	2.6	-.22
		2	Sometimes	18	47	2,228	40	1,978	39	12,844	39							
		3	Often	12	32	2,067	37	1,983	39	12,725	38							
		4	Very often	4	11	782	14	737	15	5,005	15							
		Total		38	100	5,575	100	5,063	100	33,222	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	4	11	483	9	401	8	2,588	8	2.4	2.6	-.22	2.6	-.23	2.6	-.26
		2	Sometimes	18	47	2,144	38	1,935	38	12,449	37							
		3	Often	12	32	2,023	36	1,926	38	12,555	38							
		4	Very often	4	11	919	17	802	16	5,619	17							
		Total		38	100	5,569	100	5,064	100	33,211	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	6	16	592	11	489	10	3,179	10	2.5	2.6	-.14	2.6	-.14	2.6	-.15
		2	Sometimes	15	39	2,054	37	1,940	38	12,367	37							
		3	Often	10	26	1,927	35	1,777	35	11,916	36							
		4	Very often	7	18	995	18	859	17	5,752	17							
		Total		38	100	5,568	100	5,065	100	33,214	100							

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

Item wording or description				Response options				Frequency Distributions								Statistical Comparisons ^k								
								Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
								Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Examined the strengths and weaknesses of your own views on a topic or issue				RIownview				1	Never	3	8	238	4	230	5	1,308	4	2.5	2.8 *	-0.40	2.8 *	-0.37	2.8 *	-0.41
								2	Sometimes	17	45	1,747	31	1,619	32	10,367	31							
								3	Often	15	39	2,480	45	2,318	46	15,152	46							
								4	Very often	3	8	1,098	20	884	18	6,348	19							
								Total		38	100	5,563	100	5,051	100	33,175	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective				RIperspect				1	Never	0	0	132	2	119	2	816	2	2.8	2.9	-0.09	2.9	-0.08	2.9	-0.10
								2	Sometimes	16	42	1,539	28	1,402	28	8,856	27							
								3	Often	12	32	2,553	46	2,372	47	15,595	47							
								4	Very often	10	26	1,335	24	1,155	23	7,885	24							
								Total		38	100	5,559	100	5,048	100	33,152	100							
f. Learned something that changed the way you understand an issue or concept				RInewview				1	Never	3	8	165	3	138	3	844	3	2.7	2.8	-0.23	2.9	-0.27	2.9	-0.27
								2	Sometimes	13	34	1,716	31	1,477	29	9,782	30							
								3	Often	16	42	2,512	45	2,320	46	15,370	46							
								4	Very often	6	16	1,147	21	1,103	22	7,093	21							
								Total		38	100	5,540	100	5,038	100	33,089	100							
g. Connected ideas from your courses to your prior experiences and knowledge				RIconnect				1	Never	0	0	81	1	75	1	413	1	2.9	3.0	-0.17	3.0	-0.20	3.0	-0.23
								2	Sometimes	11	30	1,282	23	1,108	22	7,055	21							
								3	Often	20	54	2,769	50	2,516	50	16,673	50							
								4	Very often	6	16	1,405	25	1,334	27	8,927	27							
								Total		37	100	5,537	100	5,033	100	33,068	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	7	18	1,015	18	1,074	21	6,456	19	2.5	2.4	.15	2.3	.24	2.3	.19
								2	Sometimes	12	32	2,307	42	2,146	43	13,965	42							
								3	Often	12	32	1,418	26	1,208	24	8,242	25							
								4	Very often	7	18	803	14	620	12	4,460	13							
								Total		38	100	5,543	100	5,048	100	33,123	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)				SFotherwork				1	Never	17	45	2,472	45	2,334	46	14,671	44	1.8	1.9	-0.03	1.8	.03	1.9	-0.02
								2	Sometimes	12	32	1,761	32	1,636	32	10,775	33							
								3	Often	7	18	877	16	739	15	5,241	16							
								4	Very often	2	5	429	8	339	7	2,407	7							
								Total		38	100	5,539	100	5,048	100	33,094	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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
4. During the current school year, how much has your coursework emphasized the following?																			
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	10	26	1,747	32	1,524	30	10,020	30	2.0	2.0	-.04	2.0	-.03	2.0	-.06	
		2	Sometimes	19	50	2,274	41	2,215	44	13,881	42								
		3	Often	8	21	1,044	19	947	19	6,600	20								
		4	Very often	1	3	455	8	355	7	2,534	8								
		Total		38	100	5,520	100	5,041	100	33,035	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	11	29	1,266	23	1,318	26	7,749	23	2.1	2.2	-.08	2.1	.01	2.2	-.05	
		2	Sometimes	15	39	2,428	44	2,220	44	14,743	44								
		3	Often	8	21	1,309	24	1,087	22	7,627	23								
		4	Very often	4	11	547	10	423	8	3,012	9								
		Total		38	100	5,550	100	5,048	100	33,131	100								
a. Memorizing course material	memorize	1	Very little	1	3	142	3	158	3	1,082	3	3.1	3.0	.15	2.9	.21	2.9	.24	
		2	Some	6	16	1,313	24	1,308	26	8,865	27								
		3	Quite a bit	20	53	2,677	48	2,380	47	15,765	48								
		4	Very much	11	29	1,414	25	1,199	24	7,417	22								
		Total		38	100	5,546	100	5,045	100	33,129	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	189	3	168	3	1,002	3	2.7	2.9	-.27	2.9	-.28	2.9	-.28	
		2	Some	17	45	1,489	27	1,263	25	8,549	26								
		3	Quite a bit	16	42	2,571	46	2,538	50	16,287	49								
		4	Very much	5	13	1,299	23	1,075	21	7,254	22								
		Total		38	100	5,548	100	5,044	100	33,092	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	8	211	4	165	3	1,073	3	2.6	2.9 *	-.36	2.9 *	-.38	2.9 *	-.40	
		2	Some	15	39	1,548	28	1,411	28	8,938	27								
		3	Quite a bit	15	39	2,510	45	2,347	47	15,313	46								
		4	Very much	5	13	1,262	23	1,118	22	7,738	23								
		Total		38	100	5,531	100	5,041	100	33,062	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	3	192	3	171	3	942	3	2.8	2.9	-.19	2.9	-.18	2.9	-.22	
		2	Some	15	39	1,423	26	1,331	26	8,310	25								
		3	Quite a bit	14	37	2,586	47	2,353	47	15,698	48								
		4	Very much	8	21	1,324	24	1,180	23	8,085	24								
		Total		38	100	5,525	100	5,035	100	33,035	100								

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Tennessee Technological University

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Item wording or description				Frequency Distributions								Statistical Comparisons ^k									
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
e. Forming a new idea or understanding from various pieces of information				Variable name ^l	Values ^m	Response options									Your first-year students compared with						
				HOform	1	Very little	3	8	237	4	183	4	1,113	3							
					2	Some	14	37	1,492	27	1,438	29	8,858	27							
					3	Quite a bit	16	42	2,607	47	2,334	46	15,552	47							
					4	Very much	5	13	1,200	22	1,088	22	7,558	23							
				Total			38	100	5,536	100	5,043	100	33,081	100	2.6	2.9 *	-.32	2.9 *	-.32	2.9 *	-.37
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	3	116	2	104	2	646	2							
					2	Some	12	32	1,183	21	1,099	22	6,706	20							
					3	Quite a bit	15	39	2,531	46	2,405	48	15,458	47							
					4	Very much	10	26	1,698	31	1,436	28	10,270	31							
								Total			38	100	5,528	100	5,044	100	33,080	100	2.9	3.1	-.20
b. Taught course sessions in an organized way				ETorganize	1	Very little	2	5	213	4	202	4	1,283	4							
					2	Some	13	34	1,242	23	1,144	23	7,114	22							
					3	Quite a bit	15	39	2,474	45	2,347	47	15,076	46							
					4	Very much	8	21	1,586	29	1,346	27	9,534	29							
								Total			38	100	5,515	100	5,039	100	33,007	100	2.8	3.0	-.27
c. Used examples or illustrations to explain difficult points				ETexample	1	Very little	3	8	193	3	173	3	1,128	3							
					2	Some	10	26	1,330	24	1,227	24	7,474	23							
					3	Quite a bit	15	39	2,416	44	2,222	44	14,686	44							
					4	Very much	10	26	1,586	29	1,414	28	9,732	29							
								Total			38	100	5,525	100	5,036	100	33,020	100	2.8	3.0	-.16
d. Provided feedback on a draft or work in progress				ETdraftfb	1	Very little	6	16	402	7	410	8	2,316	7							
					2	Some	16	43	1,678	30	1,559	31	9,602	29							
					3	Quite a bit	7	19	2,092	38	1,957	39	12,701	38							
					4	Very much	8	22	1,353	24	1,108	22	8,412	25							
								Total			37	100	5,525	100	5,034	100	33,031	100	2.5	2.8 *	-.38
e. Provided prompt and detailed feedback on tests or completed assignments				ETfeedback	1	Very little	4	11	496	9	515	10	2,683	8							
					2	Some	14	37	1,801	33	1,739	35	10,209	31							
					3	Quite a bit	11	29	2,055	37	1,897	38	12,847	39							
					4	Very much	9	24	1,171	21	888	18	7,318	22							
								Total			38	100	5,523	100	5,039	100	33,057	100	2.7	2.7	-.05

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Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	5	14	439	8	407	8	2,601	8	2.7	2.7	.06	2.6	.08	2.6	.07	
		2	Sometimes	10	27	1,973	36	1,798	36	11,783	36								
		3	Often	13	35	2,179	39	2,068	41	13,361	40								
		4	Very often	9	24	930	17	762	15	5,277	16								
			Total	37	100	5,521	100	5,035	100	33,022	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	5	13	787	14	704	14	4,452	14	2.6	2.5	.12	2.5	.14	2.5	.10	
		2	Sometimes	15	39	2,125	39	1,951	39	12,537	38								
		3	Often	9	24	1,812	33	1,719	34	11,415	35								
		4	Very often	9	24	778	14	643	13	4,529	14								
			Total	38	100	5,502	100	5,017	100	32,933	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	9	24	812	15	678	14	4,575	14	2.3	2.4	-.09	2.4	-.10	2.4	-.10	
		2	Sometimes	11	29	2,246	41	2,053	41	13,526	41								
		3	Often	14	37	1,775	32	1,742	35	11,056	34								
		4	Very often	4	11	667	12	545	11	3,782	11								
			Total	38	100	5,500	100	5,018	100	32,939	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	21	398	7	249	5	1,814	5	5.4	5.9	-.10	6.8	-.24	6.7	-.23	
		1.5	1-2	10	26	1,215	22	967	19	6,131	19								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	6	16	1,839	33	1,599	32	10,757	33								
		8	6-10	6	16	1,199	22	1,211	24	7,783	24								
		13	11-15	6	16	494	9	540	11	3,521	11								
		18	16-20	1	3	200	4	231	5	1,466	4								
		23	More than 20	1	3	169	3	232	5	1,546	5								
			Total	38	100	5,514	100	5,029	100	33,018	100								
b. Between 6 and 10 pages	wrmednum	0	None	29	76	2,342	43	1,664	33	10,983	33	1.1	2.0	-.29	2.3 *	-.37	2.4 *	-.38	
		1.5	1-2	6	16	1,808	33	1,965	39	12,267	37								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	0	0	862	16	924	18	6,173	19								
		8	6-10	1	3	333	6	335	7	2,433	7								
		13	11-15	2	5	107	2	97	2	717	2								
		18	16-20	0	0	29	1	24	0	180	1								
		23	More than 20	0	0	23	0	19	0	196	1								
			Total	38	100	5,504	100	5,028	100	32,949	100								

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Your first-year students compared with															
c. 11 pages or more	wrlongnum	0	None	33	89	4,321	78	3,742	74	24,306	74	.2	.9 ***	-0.25	.9 ***	-0.26	1.0 ***	-0.28	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	3	8	702	13	854	17	5,596	17								
	4	3-5	1	3	211	4	203	4	1,372	4									
	8	6-10	0	0	143	3	113	2	815	2									
	13	11-15	0	0	88	2	77	2	586	2									
	18	16-20	0	0	18	0	13	0	122	0									
	23	More than 20	0	0	26	0	21	0	178	1									
	Total			37	100	5,509	100	5,023	100	32,975	100								
Estimated number of assigned pages of student writing.	wpages											25.6	47.6	-0.31	52.3 *	-0.40	54.7 ***	-0.40	
				(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)															
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	1	3	257	5	237	5	1,627	5	3.1	3.1	-0.03	3.0	.06	3.0	.02	
		2	Sometimes	13	34	1,264	23	1,387	28	8,163	25								
		3	Often	7	18	1,774	32	1,575	31	10,664	32								
		4	Very often	17	45	2,227	40	1,833	36	12,588	38								
			Total	38	100	5,522	100	5,032	100	33,042	100								
b. People from an economic background other than your own	DDeconomic	1	Never	2	5	213	4	196	4	1,510	5	3.1	3.1	.02	3.0	.12	3.0	.08	
		2	Sometimes	9	24	1,209	22	1,272	25	7,634	23								
		3	Often	10	26	1,986	36	1,877	37	12,095	37								
		4	Very often	17	45	2,110	38	1,688	34	11,761	36								
			Total	38	100	5,518	100	5,033	100	33,000	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	2	5	336	6	422	8	2,397	7	3.1	3.0	.10	2.8	.23	2.9	.16	
		2	Sometimes	9	24	1,491	27	1,524	30	9,108	28								
		3	Often	12	32	1,729	31	1,569	31	10,719	32								
		4	Very often	15	39	1,960	36	1,510	30	10,786	33								
			Total	38	100	5,516	100	5,025	100	33,010	100								
d. People with political views other than your own	DDpolitical	1	Never	4	11	320	6	306	6	2,144	6	3.0	3.0	.01	2.9	.11	2.9	.10	
		2	Sometimes	7	18	1,352	24	1,406	28	8,867	27								
		3	Often	11	29	1,790	32	1,669	33	11,057	33								
		4	Very often	16	42	2,061	37	1,650	33	10,971	33								
			Total	38	100	5,523	100	5,031	100	33,039	100								

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020					
				Count				Count				Count				Count				Mean				Mean				Mean				Mean					
				%				%				%				%				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ				Effect size ⁿ					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020			
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	105	2	72	1	523	2	2.7	3.0 *	-0.41	3.0 *	-0.40	3.0 **	-0.45																			
		2	Sometimes	17	45	1,285	23	1,249	25	7,345	22																										
		3	Often	16	42	2,632	48	2,404	48	16,018	49																										
		4	Very often	5	13	1,490	27	1,297	26	9,118	28																										
		Total		38	100	5,512	100	5,022	100	33,004	100																										
b. Reviewed your notes after class	LSnotes	1	Never	2	5	212	4	228	5	1,433	4	2.9	3.0	-0.08	2.9	.01	2.9	-0.03																			
		2	Sometimes	10	27	1,489	27	1,526	30	9,485	29																										
		3	Often	15	41	2,094	38	1,860	37	12,428	38																										
		4	Very often	10	27	1,717	31	1,401	28	9,624	29																										
		Total		37	100	5,512	100	5,015	100	32,970	100																										
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	3	8	272	5	303	6	1,739	5	2.9	2.9	.01	2.8	.13	2.8	.06																			
		2	Sometimes	8	22	1,566	28	1,603	32	9,896	30																										
		3	Often	16	43	2,215	40	1,998	40	13,204	40																										
		4	Very often	10	27	1,463	27	1,123	22	8,173	25																										
		Total		37	100	5,516	100	5,027	100	33,012	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	70	1	48	1	309	1	5.3	5.3	.02	5.3	.03	5.3	.00																			
		2		0	0	68	1	65	1	393	1																										
		3		4	11	298	5	273	5	1,736	5																										
		4		4	11	719	13	650	13	4,199	13																										
		5		12	32	1,917	35	1,820	36	11,574	35																										
		6		11	29	1,338	24	1,234	25	8,134	25																										
		7	Very much	7	18	1,094	20	931	19	6,611	20																										
		Total		38	100	5,504	100	5,021	100	32,956	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		8	21	699	13	514	10	4,263	13	0%	7%	-0.53	8%	-0.57	7%	-0.54																			
		Do not plan to do		2	5	314	6	291	6	2,381	7																										
		Plan to do		28	74	4,131	75	3,830	76	23,977	73																										
		Done or in progress		0	0	372	7	393	8	2,381	7																										
		Total		38	100	5,516	100	5,028	100	33,002	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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	11	29	1,263	23	1,178	23	7,920	24	5%	13%	-.26	13%	-.28	12%	-.26
			Do not plan to do	10	26	1,037	19	1,001	20	6,766	21							
			Plan to do	15	39	2,518	46	2,188	44	14,189	43							
			Done or in progress	2	5	693	13	654	13	4,093	12							
			Total	38	100	5,511	100	5,021	100	32,968	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	11	29	1,611	29	1,441	29	9,991	30	5%	13%	-.27	15%	-.32	12%	-.25
			Do not plan to do	11	29	1,586	29	1,375	27	9,122	28							
			Plan to do	14	37	1,609	29	1,467	29	9,824	30							
			Done or in progress	2	5	704	13	733	15	3,994	12							
			Total	38	100	5,510	100	5,016	100	32,931	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	15	39	1,316	24	1,187	24	7,816	24	5%	4%	.06	3%	.09	4%	.08
			Do not plan to do	9	24	1,301	24	1,102	22	8,390	25							
			Plan to do	12	32	2,672	49	2,560	51	15,542	47							
			Done or in progress	2	5	217	4	171	3	1,185	4							
			Total	38	100	5,506	100	5,020	100	32,933	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	17	46	2,015	37	1,881	37	12,489	38	3%	4%	-.09	3%	-.04	4%	-.06
			Do not plan to do	13	35	1,728	31	1,558	31	9,706	29							
			Plan to do	6	16	1,524	28	1,418	28	9,512	29							
			Done or in progress	1	3	243	4	171	3	1,250	4							
			Total	37	100	5,510	100	5,028	100	32,957	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	17	45	1,941	35	1,766	35	11,366	34	0%	2%	-.31	2%	-.28	2%	-.28
			Do not plan to do	7	18	829	15	659	13	4,330	13							
			Plan to do	14	37	2,605	47	2,498	50	16,601	50							
			Done or in progress	0	0	135	2	97	2	659	2							
			Total	38	100	5,510	100	5,020	100	32,956	100							

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

servcourse	Count	%	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020
1 None	10	27	2,685	49	2,475	49	15,272	46	1.8
2 Some	25	68	2,316	42	2,118	42	14,352	44	
3 Most	2	5	380	7	336	7	2,651	8	
4 All	0	0	115	2	90	2	638	2	
Total	37	100	5,496	100	5,019	100	32,913	100	

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Tennessee Technological University

First-Year Students^a in Business

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Your first-year students compared with		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	93	2	85	2	517	2	5.4	5.5	-.06	5.4	-.02	5.5	-.05		
		2		1	3	123	2	113	2	638	2									
		3		0	0	256	5	264	5	1,507	5									
		4		6	16	621	11	592	12	3,836	12									
		5		14	37	1,408	26	1,332	26	8,596	26									
		6		10	26	1,444	26	1,317	26	8,588	26									
		7	Excellent	7	18	1,516	27	1,292	26	8,619	26									
		—	Not applicable	0	0	56	1	33	1	714	2									
		Total		38	100	5,517	100	5,028	100	33,015	100									
b. Academic advisors	QIadvisor	1	Poor	0	0	144	3	176	4	916	3	5.9	5.4 *	.33	5.2 **	.44	5.4 **	.36		
		2		0	0	183	3	178	4	1,124	3									
		3		2	5	335	6	370	7	2,112	6									
		4		3	8	708	13	677	13	4,096	12									
		5		8	21	1,060	19	1,022	20	6,606	20									
		6		7	18	1,161	21	1,099	22	7,129	22									
		7	Excellent	18	47	1,837	33	1,365	27	10,328	31									
		—	Not applicable	0	0	78	1	136	3	665	2									
		Total		38	100	5,506	100	5,023	100	32,976	100									
c. Faculty	QIfaculty	1	Poor	0	0	96	2	76	2	463	1	5.4	5.4	.01	5.3	.06	5.4	-.04		
		2		2	5	112	2	128	3	733	2									
		3		2	5	293	5	287	6	1,646	5									
		4		4	11	778	14	745	15	4,233	13									
		5		9	24	1,414	26	1,329	26	8,349	25									
		6		14	37	1,471	27	1,360	27	9,043	27									
		7	Excellent	7	18	1,289	23	1,039	21	8,127	25									
		—	Not applicable	0	0	54	1	52	1	364	1									
		Total		38	100	5,507	100	5,016	100	32,958	100									

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

First-Year Students^a in Business

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	3	162	3	181	4	970	3	5.2	5.2	-.03	5.1	.07	5.2	-.03	
		2		3	8	183	3	189	4	1,107	3								
		3		4	11	358	7	368	7	2,120	6								
		4		1	3	754	14	744	15	4,292	13								
		5		8	21	1,146	21	1,108	22	7,061	21								
		6		10	26	1,165	21	1,062	21	6,931	21								
		7	Excellent	9	24	1,283	23	994	20	7,517	23								
		—	Not applicable	2	5	454	8	373	7	2,967	9								
	Total			38	100	5,505	100	5,019	100	32,965	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	216	4	205	4	1,026	3	5.2	5.1	.10	5.0	.14	5.2	.04	
		2		3	8	217	4	216	4	1,237	4								
		3		1	3	393	7	348	7	2,221	7								
		4		6	16	792	14	754	15	4,484	14								
		5		10	26	1,163	21	1,081	22	7,095	21								
		6		8	21	1,116	20	1,054	21	6,971	21								
		7	Excellent	9	24	1,203	22	958	19	7,578	23								
		—	Not applicable	1	3	417	8	410	8	2,393	7								
	Total			38	100	5,517	100	5,026	100	33,005	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	3	102	2	88	2	530	2	2.8	3.0	-.27	3.1	-.30	3.0	-.28	
		2	Some	11	29	1,119	20	1,006	20	6,693	20								
		3	Quite a bit	19	50	2,734	50	2,408	48	16,340	50								
		4	Very much	7	18	1,553	28	1,511	30	9,387	28								
			Total			38	100	5,508	100	5,013	100								32,950
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	3	166	3	181	4	1,103	3	3.0	3.1	-.10	3.0	-.01	3.0	-.08	
		2	Some	11	29	1,167	21	1,179	24	7,112	22								
		3	Quite a bit	14	37	2,385	43	2,199	44	14,099	43								
		4	Very much	12	32	1,781	32	1,441	29	10,586	32								
			Total			38	100	5,499	100	5,000	100								32,900
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	5	283	5	274	5	1,797	5	3.0	3.1	-.12	3.0	-.07	3.1	-.11	
		2	Some	11	29	1,018	18	1,005	20	6,258	19								
		3	Quite a bit	11	29	2,173	39	1,986	40	12,798	39								
		4	Very much	14	37	2,030	37	1,745	35	12,066	37								
			Total			38	100	5,504	100	5,010	100								32,919

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												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	8	507	9	634	13	3,364	10	2.6	2.8	-.17	2.7	-.04	2.8	-.14	
		2	Some	15	39	1,549	28	1,517	30	9,395	29								
		3	Quite a bit	13	34	2,034	37	1,734	35	11,888	36								
		4	Very much	7	18	1,407	26	1,124	22	8,279	25								
		Total		38	100	5,497	100	5,009	100	32,926	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	3	257	5	268	5	1,917	6	2.9	3.0	-.21	3.0	-.10	3.0	-.10	
		2	Some	14	37	1,112	20	1,198	24	7,588	23								
		3	Quite a bit	12	32	2,245	41	2,049	41	13,280	40								
		4	Very much	11	29	1,880	34	1,497	30	10,098	31								
		Total		38	100	5,494	100	5,012	100	32,883	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	11	322	6	330	7	2,305	7	2.6	3.0 *	-.40	2.9	-.30	2.9	-.31	
		2	Some	12	32	1,204	22	1,277	26	7,911	24								
		3	Quite a bit	16	42	2,208	40	1,980	40	12,966	39								
		4	Very much	6	16	1,761	32	1,415	28	9,683	29								
		Total		38	100	5,495	100	5,002	100	32,865	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	4	11	1,062	19	1,135	23	6,505	20	2.3	2.4	-.17	2.3	-.06	2.4	-.14	
		2	Some	23	61	1,893	34	1,807	36	11,614	35								
		3	Quite a bit	8	21	1,684	31	1,379	28	9,734	30								
		4	Very much	3	8	866	16	685	14	5,019	15								
		Total		38	100	5,505	100	5,006	100	32,872	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	4	11	343	6	392	8	3,438	10	2.7	3.0 *	-.34	2.8	-.19	2.8	-.14	
		2	Some	13	34	1,237	23	1,383	28	8,396	26								
		3	Quite a bit	13	34	2,188	40	1,916	38	12,538	38								
		4	Very much	8	21	1,726	31	1,312	26	8,491	26								
		Total		38	100	5,494	100	5,003	100	32,863	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	9	24	748	14	791	16	5,397	16	2.1	2.6 **	-.47	2.5 *	-.38	2.5 *	-.39	
		2	Some	17	45	1,879	34	1,804	36	11,188	34								
		3	Quite a bit	10	26	1,863	34	1,613	32	10,737	33								
		4	Very much	2	5	1,014	18	803	16	5,566	17								
		Total		38	100	5,504	100	5,011	100	32,888	100								

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
Item wording or description	Variable name ^l	Values ^m	Response options	Count		%		Count		%		Count		%		Count		%		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ								
15. To what extent do you agree or disagree with the following statements?																																			
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	2	5	55	1	50	2	332	2	3.2	3.3	-.25	3.3	-.17	3.3	-.18																	
		2	Disagree	2	5	243	7	190	8	1,638	8																								
		3	Agree	22	58	1,850	50	1,258	51	10,126	51																								
		4	Strongly agree	12	32	1,546	42	960	39	7,838	39																								
			Total	38	100	3,694	100	2,458	100	19,934	100																								
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	2	5	128	3	100	4	630	3	2.9	3.0	-.17	3.0	-.10	3.1	-.19																	
		2	Disagree	5	14	563	15	434	18	3,029	15																								
		3	Agree	24	65	2,016	55	1,300	53	10,842	54																								
		4	Strongly agree	6	16	986	27	628	26	5,416	27																								
			Total	37	100	3,693	100	2,462	100	19,917	100																								
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	1	3	115	3	95	4	674	3	2.9	3.1	-.27	3.0	-.17	3.1	-.22																	
		2	Disagree	9	24	543	15	436	18	3,176	16																								
		3	Agree	20	54	1,931	52	1,253	51	10,397	52																								
		4	Strongly agree	7	19	1,115	30	677	28	5,699	29																								
			Total	37	100	3,704	100	2,461	100	19,946	100																								
16. About how many hours do you spend in a typical 7-day week doing the following?																																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	23	0	22	0	144	0	14.4	13.3	.15	14.5	-.01	13.9	.07																	
		3	1-5 hrs	2	5	811	15	553	11	4,147	13																								
		8	6-10 hrs	12	32	1,362	25	1,097	22	8,010	24																								
		13	11-15 hrs	11	29	1,401	25	1,255	25	8,006	24																								
		18	16-20 hrs	5	13	996	18	1,050	21	6,406	19																								
		23	21-25 hrs	3	8	533	10	591	12	3,523	11																								
		28	26-30 hrs	4	11	198	4	245	5	1,449	4																								
		33	More than 30 hrs	1	3	184	3	201	4	1,242	4																								
			Total	38	100	5,508	100	5,014	100	32,927	100																								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	16	42	1,523	28	1,365	27	9,307	28	6.6	6.7	-.02	6.3	.04	6.6	.00																	
		3	1-5 hrs	7	18	1,635	30	1,686	34	10,060	31																								
		8	6-10 hrs	5	13	1,004	18	857	17	5,674	17																								
		13	11-15 hrs	6	16	634	12	521	10	3,594	11																								
		18	16-20 hrs	0	0	335	6	312	6	2,193	7																								
		23	21-25 hrs	1	3	186	3	130	3	1,109	3																								
		28	26-30 hrs	2	5	64	1	63	1	413	1																								
		33	More than 30 hrs	1	3	111	2	77	2	535	2																								
			Total	38	100	5,492	100	5,011	100	32,885	100																								

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Mean	Effect size ⁿ		Mean	Effect size ⁿ
c. Working for pay on campus	tmworkonhrs	0	0 hrs	24	63	4,555	83	3,833	76	25,457	77	3.6	2.3	.22	3.0	.09	2.7	.15
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	8	132	2	157	3	1,335	4							
	8	6-10 hrs	5	13	231	4	317	6	2,264	7								
	13	11-15 hrs	5	13	256	5	309	6	1,801	5								
	18	16-20 hrs	0	0	169	3	270	5	1,224	4								
	23	21-25 hrs	1	3	75	1	79	2	417	1								
	28	26-30 hrs	0	0	26	0	22	0	128	0								
	33	More than 30 hrs	0	0	47	1	25	0	241	1								
	Total		38	100	5,491	100	5,012	100	32,867	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	15	39	3,542	64	3,306	66	20,977	64	9.8	6.1 *	.37	5.4 *	.48	6.5	.31
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	11	237	4	251	5	1,501	5							
	8	6-10 hrs	2	5	310	6	304	6	1,814	6								
	13	11-15 hrs	4	11	342	6	329	7	2,011	6								
	18	16-20 hrs	4	11	367	7	333	7	2,016	6								
	23	21-25 hrs	6	16	279	5	205	4	1,436	4								
	28	26-30 hrs	3	8	157	3	110	2	791	2								
	33	More than 30 hrs	0	0	265	5	177	4	2,371	7								
	Total		38	100	5,499	100	5,015	100	32,917	100								
Estimated number of hours working for pay	tmworkhrs										13.4	8.4 **	.42	8.4 **	.45	9.2 *	.35	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	23	61	2,972	54	2,840	57	18,759	57	3.2	2.9	.06	2.6	.11	2.6	.10
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	18	1,712	31	1,544	31	9,874	30							
	8	6-10 hrs	3	8	410	7	295	6	1,959	6								
	13	11-15 hrs	4	11	213	4	154	3	1,092	3								
	18	16-20 hrs	0	0	101	2	92	2	623	2								
	23	21-25 hrs	1	3	56	1	56	1	335	1								
	28	26-30 hrs	0	0	12	0	14	0	96	0								
	33	More than 30 hrs	0	0	33	1	24	0	174	1								
	Total		38	100	5,509	100	5,019	100	32,912	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	103	2	63	1	660	2	13.5	13.5	.00	13.5	.01	13.0	.07
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	21	887	16	810	16	6,050	18							
	8	6-10 hrs	5	13	1,379	25	1,322	26	8,305	25								
	13	11-15 hrs	11	29	1,204	22	1,109	22	7,227	22								
	18	16-20 hrs	8	21	916	17	780	16	5,093	15								
	23	21-25 hrs	3	8	425	8	386	8	2,389	7								
	28	26-30 hrs	1	3	135	2	162	3	937	3								
	33	More than 30 hrs	2	5	458	8	385	8	2,286	7								
	Total		38	100	5,507	100	5,017	100	32,947	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	27	71	4,311	79	3,967	79	24,429	74	3.0	2.4	.10	2.1	.16	3.2	-.04
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	11	438	8	452	9	3,136	10							
	8	6-10 hrs	3	8	268	5	207	4	1,511	5								
	13	11-15 hrs	2	5	204	4	158	3	1,222	4								
	18	16-20 hrs	0	0	77	1	94	2	713	2								
	23	21-25 hrs	1	3	62	1	54	1	390	1								
	28	26-30 hrs	1	3	23	0	11	0	159	0								
	33	More than 30 hrs	0	0	104	2	61	1	1,303	4								
	Total		38	100	5,487	100	5,004	100	32,863	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	10	26	2,004	36	2,009	40	15,129	46	4.7	4.6	.02	4.1	.10	3.9	.13
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	42	2,097	38	1,906	38	10,690	32							
	8	6-10 hrs	7	18	687	12	556	11	3,473	11								
	13	11-15 hrs	4	11	336	6	246	5	1,702	5								
	18	16-20 hrs	0	0	146	3	134	3	822	2								
	23	21-25 hrs	1	3	90	2	71	1	459	1								
	28	26-30 hrs	0	0	34	1	30	1	190	1								
	33	More than 30 hrs	0	0	108	2	69	1	494	1								
	Total		38	100	5,502	100	5,021	100	32,959	100								

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Tennessee Technological University

First-Year Students^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	4	11	800	15	582	12	3,102	9	2.6	2.6	.03	2.7	-.12	2.8	-.19	
		2	Some	16	42	2,061	37	1,702	34	10,931	33								
		3	About half	11	29	1,566	28	1,495	30	10,245	31								
		4	Most	5	13	807	15	909	18	6,451	20								
		5	Almost all	2	5	268	5	325	6	2,200	7								
			Total	38	100	5,502	100	5,013	100	32,929	100								
	tmreadinghrs		(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)									6.2	5.7	.10	6.7	-.10	6.7	-.09	
	tmreadinghrscol	1	0 hrs	0	0	23	0	22	0	141	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	18	47	3,237	59	2,497	50	16,546	50								
		3	More than 5, up to 10 hrs	15	39	1,438	26	1,443	29	9,649	29								
		4	More than 10, up to 15 hrs	4	11	452	8	581	12	3,458	11								
		5	More than 15, up to 20 hrs	0	0	187	3	241	5	1,609	5								
		6	More than 20, up to 25 hrs	0	0	108	2	155	3	1,005	3								
		7	More than 25 hrs	1	3	49	1	56	1	398	1								
			Total	38	100	5,494	100	4,995	100	32,806	100								
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	1	3	377	7	315	6	1,914	6	2.7	2.8	-.22	2.8	-.18	2.9	-.24	
		2	Some	16	42	1,422	26	1,400	28	8,489	26								
		3	Quite a bit	16	42	2,389	43	2,236	45	14,786	45								
		4	Very much	5	13	1,319	24	1,056	21	7,724	23								
			Total	38	100	5,507	100	5,007	100	32,913	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Mean	Effect size ⁿ		Mean	Effect size ⁿ
b. Speaking clearly and effectively	pgspeak	1	Very little	2	5	489	9	454	9	2,708	8	2.8	2.8	-.01	2.7	.07	2.8	.00
		2	Some	9	24	1,462	27	1,483	30	9,227	28							
		3	Quite a bit	22	58	2,228	41	2,032	41	13,333	41							
		4	Very much	5	13	1,320	24	1,043	21	7,633	23							
		Total		38	100	5,499	100	5,012	100	32,901	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	5	179	3	161	3	937	3	2.8	3.1	-.27	3.0	-.24	3.1	-.29
		2	Some	11	29	1,062	19	1,010	20	6,302	19							
		3	Quite a bit	16	42	2,504	46	2,338	47	15,070	46							
		4	Very much	9	24	1,757	32	1,508	30	10,625	32							
		Total		38	100	5,502	100	5,017	100	32,934	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	5	381	7	372	7	2,465	7	2.9	2.8	.05	2.8	.14	2.8	.11
		2	Some	9	24	1,480	27	1,449	29	9,345	28							
		3	Quite a bit	18	47	2,243	41	2,132	43	13,416	41							
		4	Very much	9	24	1,399	25	1,063	21	7,682	23							
		Total		38	100	5,503	100	5,016	100	32,908	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	3	8	516	9	518	10	3,058	9	2.6	2.8	-.22	2.7	-.17	2.8	-.22
		2	Some	17	46	1,570	29	1,446	29	9,441	29							
		3	Quite a bit	10	27	2,066	38	1,948	39	12,534	38							
		4	Very much	7	19	1,345	24	1,104	22	7,893	24							
		Total		37	100	5,497	100	5,016	100	32,926	100							
f. Working effectively with others	pgothers	1	Very little	3	8	329	6	311	6	1,891	6	2.6	2.9	-.29	2.8	-.22	2.9	-.28
		2	Some	12	32	1,407	26	1,393	28	8,526	26							
		3	Quite a bit	17	46	2,244	41	2,121	42	13,763	42							
		4	Very much	5	14	1,522	28	1,181	24	8,727	27							
		Total		37	100	5,502	100	5,006	100	32,907	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	4	11	546	10	496	10	2,939	9	2.6	2.8	-.15	2.7	-.12	2.8	-.18
		2	Some	11	29	1,485	27	1,411	28	8,821	27							
		3	Quite a bit	18	47	2,132	39	1,993	40	13,164	40							
		4	Very much	5	13	1,340	24	1,119	22	8,003	24							
		Total		38	100	5,503	100	5,019	100	32,927	100							

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
<i>Item wording or description</i>	<i>Variable name^l</i>	<i>Values^m</i>	<i>Response options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	<i>Mean</i>	<i>Effect sizeⁿ</i>	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	11	444	8	487	10	2,649	8	2.5	2.8 *	-0.35	2.8	-0.25	2.8 *	-0.35	
		2	Some	13	34	1,472	27	1,430	29	8,640	26								
		3	Quite a bit	18	47	2,067	38	1,915	38	12,850	39								
		4	Very much	3	8	1,517	28	1,185	24	8,776	27								
		Total		38	100	5,500	100	5,017	100	32,915	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	13	524	10	502	10	3,025	9	2.4	2.7 *	-0.37	2.7	-0.32	2.7 *	-0.37	
		2	Some	16	42	1,677	31	1,594	32	10,177	31								
		3	Quite a bit	14	37	1,997	36	1,909	38	12,468	38								
		4	Very much	3	8	1,296	24	1,006	20	7,251	22								
		Total		38	100	5,494	100	5,011	100	32,921	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	8	21	506	9	565	11	3,162	10	2.3	2.7 **	-0.50	2.7 *	-0.41	2.7 **	-0.48	
		2	Some	15	39	1,662	30	1,571	31	9,966	30								
		3	Quite a bit	11	29	2,044	37	1,857	37	12,348	37								
		4	Very much	4	11	1,293	23	1,024	20	7,472	23								
		Total		38	100	5,505	100	5,017	100	32,948	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	92	2	107	2	656	2	3.1	3.2	-0.22	3.2	-0.16	3.2	-0.20	
		2	Fair	10	26	689	12	697	14	4,282	13								
		3	Good	16	42	2,702	49	2,442	49	15,830	48								
		4	Excellent	12	32	2,045	37	1,781	35	12,271	37								
		Total		38	100	5,528	100	5,027	100	33,039	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	0	0	179	3	197	4	1,205	4	3.1	3.3	-0.22	3.2	-0.14	3.2	-0.17	
		2	Probably no	8	21	713	13	666	13	4,366	13								
		3	Probably yes	19	50	2,148	39	2,156	43	13,687	41								
		4	Definitely yes	11	29	2,500	45	2,028	40	13,850	42								
		Total		38	100	5,540	100	5,047	100	33,108	100								
21. Do you intend to return to this institution next year?^f																			
	returnexp		No	0	0	261	5	224	4	1,437	4	90%	88%	.05	88%	.06	88%	.07	
			Yes	35	90	4,886	88	4,431	88	28,966	88								
			Not sure	4	10	387	7	389	8	2,682	8								
			Total	39	100	5,534	100	5,044	100	33,085	100								

NSSE 2020 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		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	Mean	Effect size ⁿ
														Mean	Effect size ⁿ				
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	194	3	134	2	1,224	3	3.0	3.0	-.01	3.0	-.02	3.1	-.06	
		2	Sometimes	14	29	2,194	28	1,682	28	12,986	27								
		3	Often	20	41	2,534	33	1,945	33	15,652	32								
		4	Very often	15	31	2,782	36	2,157	36	18,938	39								
		Total		49	100	7,704	100	5,918	100	48,800	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	5	10	547	7	422	7	2,989	6	2.8	3.0	-.17	2.9	-.10	3.0	-.23	
		2	Often	7	14	1,072	14	906	15	6,540	13								
		3	Sometimes	28	57	4,053	53	3,307	56	25,494	52								
		4	Never	9	18	2,010	26	1,279	22	13,748	28								
		Total		49	100	7,682	100	5,914	100	48,771	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendant	1	Never	15	31	4,061	53	2,883	49	24,938	51	1.9	1.7	.27	1.7	.21	1.7	.23	
		2	Sometimes	28	57	2,580	34	2,180	37	16,762	34								
		3	Often	3	6	690	9	581	10	4,746	10								
		4	Very often	3	6	359	5	271	5	2,328	5								
		Total		49	100	7,690	100	5,915	100	48,774	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	5	10	939	12	683	12	8,289	17	2.6	2.5	.17	2.5	.11	2.4	.28	
		2	Sometimes	16	33	3,365	44	2,451	41	20,936	43								
		3	Often	21	43	2,296	30	1,824	31	13,363	27								
		4	Very often	7	14	1,095	14	961	16	6,244	13								
		Total		49	100	7,695	100	5,919	100	48,832	100								
e. Explained course material to one or more students	CLexplain	1	Never	0	0	409	5	298	5	4,651	10	2.9	2.8	.17	2.8	.13	2.6 *	.29	
		2	Sometimes	15	31	2,746	36	1,989	34	17,619	36								
		3	Often	24	49	2,905	38	2,311	39	17,344	36								
		4	Very often	10	20	1,641	21	1,319	22	9,241	19								
		Total		49	100	7,701	100	5,917	100	48,855	100								

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Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	5	10	1,180	15	894	15	10,223	21	2.7	2.5	.20	2.6	.18	2.4 *	.32	
		2	Sometimes	14	29	2,668	35	2,029	34	16,602	34								
		3	Often	19	39	2,337	30	1,777	30	13,594	28								
		4	Very often	11	22	1,513	20	1,215	21	8,414	17								
		Total		49	100	7,698	100	5,915	100	48,833	100								
g. Worked with other students on course projects or assignments	CLproject	1	Never	1	2	362	5	247	4	4,205	9	3.2	3.0	.22	3.1	.14	2.9 *	.30	
		2	Sometimes	9	19	1,806	24	1,250	21	11,373	23								
		3	Often	17	35	2,868	37	2,169	37	17,230	35								
		4	Very often	21	44	2,648	34	2,258	38	16,020	33								
		Total		48	100	7,684	100	5,924	100	48,828	100								
h. Given a course presentation	present	1	Never	5	10	758	10	459	8	5,655	12	2.9	2.8	.04	2.9	-.07	2.8	.03	
		2	Sometimes	15	31	2,152	28	1,505	25	12,364	25								
		3	Often	11	22	2,534	33	1,968	33	15,525	32								
		4	Very often	18	37	2,247	29	1,981	34	15,296	31								
		Total		49	100	7,691	100	5,913	100	48,840	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	2	4	271	4	170	3	1,814	4	3.1	2.9	.17	3.0	.12	2.9	.18	
		2	Sometimes	10	20	2,055	27	1,470	25	13,274	27								
		3	Often	19	39	3,224	42	2,524	43	20,128	41								
		4	Very often	18	37	2,133	28	1,739	29	13,550	28								
		Total		49	100	7,683	100	5,903	100	48,766	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	4	505	7	352	6	2,867	6	2.8	2.8	.00	2.8	-.04	2.8	-.05	
		2	Sometimes	16	33	2,610	34	1,925	33	15,732	32								
		3	Often	23	47	2,819	37	2,244	38	18,766	38								
		4	Very often	8	16	1,751	23	1,387	23	11,429	23								
		Total		49	100	7,685	100	5,908	100	48,794	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	7	14	999	13	675	11	5,369	11	2.3	2.5	-.24	2.6 *	-.29	2.6 *	-.31	
		2	Sometimes	25	51	2,986	39	2,278	39	18,399	38								
		3	Often	12	24	2,359	31	1,857	31	15,867	33								
		4	Very often	5	10	1,330	17	1,099	19	9,142	19								
		Total		49	100	7,674	100	5,909	100	48,777	100								

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	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	0	0	349	5	265	4	1,981	4	2.8	2.8	.03	2.8	.02	2.8	.00					
		2	Sometimes	17	35	2,343	31	1,765	30	14,569	30												
		3	Often	23	47	3,379	44	2,649	45	21,728	45												
		4	Very often	9	18	1,609	21	1,233	21	10,494	22												
		Total		49	100	7,680	100	5,912	100	48,772	100												
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	2	191	2	141	2	1,157	2	2.8	3.0	-.20	3.0	-.20	3.0	-.20					
		2	Sometimes	17	35	1,894	25	1,456	25	12,105	25												
		3	Often	21	43	3,490	46	2,716	46	22,536	46												
		4	Very often	10	20	2,091	27	1,599	27	12,927	27												
		Total		49	100	7,666	100	5,912	100	48,725	100												
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	150	2	104	2	883	2	2.9	2.9	-.09	3.0	-.15	2.9	-.12					
		2	Sometimes	17	35	2,177	28	1,506	26	13,143	27												
		3	Often	21	44	3,432	45	2,768	47	22,339	46												
		4	Very often	10	21	1,900	25	1,521	26	12,325	25												
		Total		48	100	7,659	100	5,899	100	48,690	100												
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	75	1	53	1	470	1	3.2	3.2	.11	3.2	.11	3.2	.10					
		2	Sometimes	5	11	1,310	17	965	16	7,866	16												
		3	Often	26	55	3,652	48	2,878	49	23,563	48												
		4	Very often	16	34	2,621	34	1,998	34	16,760	34												
		Total		47	100	7,658	100	5,894	100	48,659	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	4	8	1,373	18	1,045	18	9,594	20	2.7	2.4	.23	2.4	.27	2.4 *	.29					
		2	Sometimes	18	38	3,012	39	2,438	41	19,333	40												
		3	Often	16	33	1,824	24	1,408	24	11,402	23												
		4	Very often	10	21	1,460	19	1,008	17	8,385	17												
		Total		48	100	7,669	100	5,899	100	48,714	100												
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	17	35	3,242	42	2,456	42	22,137	45	2.1	2.0	.09	2.0	.10	1.9	.17					
		2	Sometimes	16	33	2,328	30	1,862	32	14,369	29												
		3	Often	10	21	1,195	16	924	16	7,278	15												
		4	Very often	5	10	905	12	654	11	4,928	10												
		Total		48	100	7,670	100	5,896	100	48,712	100												

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Mean	Effect size ⁿ	
														Effect size ⁿ	Effect size ⁿ			Effect size ⁿ	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	12	25	2,202	29	1,636	28	15,408	32	2.3	2.1	.20	2.1	.21	2.1	.26	
		2	Sometimes	17	35	3,149	41	2,521	43	19,307	40								
		3	Often	11	23	1,488	19	1,160	20	9,261	19								
		4	Very often	8	17	816	11	578	10	4,649	10								
		Total		48	100	7,655	100	5,895	100	48,625	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	7	15	1,777	23	1,515	26	12,289	25	2.3	2.2	.14	2.1	.23	2.2	.20	
		2	Sometimes	24	51	3,353	44	2,624	44	21,297	44								
		3	Often	9	19	1,685	22	1,231	21	10,296	21								
		4	Very often	7	15	849	11	537	9	4,809	10								
		Total		47	100	7,664	100	5,907	100	48,691	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	317	4	253	4	2,679	6	2.9	2.9	.03	2.9	.08	2.8	.13	
		2	Some	14	29	2,117	28	1,733	29	14,615	30								
		3	Quite a bit	24	50	3,285	43	2,553	43	20,945	43								
		4	Very much	10	21	1,946	25	1,366	23	10,447	21								
		Total		48	100	7,665	100	5,905	100	48,686	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	183	2	141	2	1,197	2	2.8	3.0	-.22	3.0	-.23	3.0	-.24	
		2	Some	17	35	1,697	22	1,265	21	10,358	21								
		3	Quite a bit	22	46	3,712	48	2,873	49	23,685	49								
		4	Very much	9	19	2,074	27	1,619	27	13,424	28								
		Total		48	100	7,666	100	5,898	100	48,664	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	2	263	3	196	3	1,427	3	3.0	3.0	.04	3.0	.02	3.0	.01	
		2	Some	10	21	1,815	24	1,405	24	11,131	23								
		3	Quite a bit	25	52	3,503	46	2,608	44	22,338	46								
		4	Very much	12	25	2,080	27	1,686	29	13,747	28								
		Total		48	100	7,661	100	5,895	100	48,643	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	0	0	339	4	277	5	1,778	4	2.9	2.9	-.04	2.9	-.03	3.0	-.08	
		2	Some	14	30	1,892	25	1,456	25	11,386	23								
		3	Quite a bit	24	51	3,404	45	2,636	45	22,382	46								
		4	Very much	9	19	2,006	26	1,525	26	13,045	27								
		Total		47	100	7,641	100	5,894	100	48,591	100								

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	2	310	4	257	4	1,777	4	2.8	2.9	-.11	2.9	-.11	2.9	-.15					
		2	Some	14	29	2,036	27	1,527	26	12,112	25												
		3	Quite a bit	26	54	3,395	44	2,671	45	22,438	46												
		4	Very much	7	15	1,911	25	1,444	24	12,317	25												
		Total	48	100	7,652	100	5,899	100	48,644	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	2	4	155	2	116	2	1,001	2	3.1	3.2	-.11	3.1	-.07	3.1	-.11					
		2	Some	9	19	1,361	18	1,114	19	8,501	17												
		3	Quite a bit	21	44	3,312	43	2,652	45	21,584	44												
		4	Very much	16	33	2,819	37	2,013	34	17,537	36												
		Total	48	100	7,647	100	5,895	100	48,623	100													
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	6	295	4	184	3	1,774	4	3.0	3.1	-.11	3.1	-.11	3.1	-.12					
		2	Some	7	15	1,439	19	1,140	19	8,865	18												
		3	Quite a bit	26	54	3,329	44	2,678	45	21,747	45												
		4	Very much	12	25	2,577	34	1,886	32	16,207	33												
		Total	48	100	7,640	100	5,888	100	48,593	100													
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	2	254	3	179	3	1,676	3	3.0	3.1	-.15	3.1	-.17	3.1	-.14					
		2	Some	10	21	1,568	20	1,115	19	9,660	20												
		3	Quite a bit	27	56	3,112	41	2,552	43	20,532	42												
		4	Very much	10	21	2,720	36	2,043	35	16,721	34												
		Total	48	100	7,654	100	5,889	100	48,589	100													
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	7	796	10	709	12	5,145	11	2.7	2.7	.00	2.7	.09	2.7	.00					
		2	Some	14	30	2,327	30	1,891	32	14,548	30												
		3	Quite a bit	21	46	2,613	34	2,003	34	16,842	35												
		4	Very much	8	17	1,911	25	1,286	22	12,068	25												
		Total	46	100	7,647	100	5,889	100	48,603	100													
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	3	6	652	9	530	9	3,742	8	2.7	2.8	-.05	2.7	.01	2.8	-.09					
		2	Some	17	35	2,323	30	1,834	31	14,091	29												
		3	Quite a bit	18	38	2,793	37	2,260	38	18,621	38												
		4	Very much	10	21	1,884	25	1,265	21	12,169	25												
		Total	48	100	7,652	100	5,889	100	48,623	100													

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
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 2 3 4	Never Sometimes Often Very often	1 16 19 12 48	2 33 40 25 100	429 2,466 3,103 1,638 7,636	6 32 41 21 100	346 1,860 2,399 1,274 5,879	6 32 41 22 100	2,760 15,449 20,075 10,280 48,564	6 32 41 21 100	2.9	2.8	2.8	2.8	.11	.11	.11	.11				
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	2 18 19 9 48	4 38 40 19 100	916 2,658 2,595 1,456 7,625	12 35 34 19 100	750 2,005 1,968 1,162 5,885	13 34 33 20 100	5,574 16,727 16,938 9,256 48,495	11 34 35 19 100	2.7	2.6	2.6	2.6	.14	.14	.14	.12				
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	2 25 13 7 47	4 53 28 15 100	869 2,945 2,592 1,215 7,621	11 39 34 16 100	648 2,209 2,074 946 5,877	11 38 35 16 100	5,558 18,296 17,076 7,535 48,465	11 38 35 16 100	2.5	2.5	2.6	2.5	-.01	-.04	-.04	-.02				
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 1.5 4 8 13 18 23	None 1-2 3-5 6-10 11-15 16-20 More than 20	6 12 15 8 2 3 2	13 25 31 17 4 6 4	594 1,618 2,298 1,545 757 358 464	8 21 30 20 10 5 6	362 1,058 1,724 1,332 684 300 419	6 18 29 23 12 5 7	2,556 8,058 14,215 10,953 5,522 2,913 4,302	5 17 29 23 11 6 9	5.6	6.7	7.3	7.8 *	-.18	-.28	-.28	-.34				
b. Between 6 and 10 pages	wrmednum	0 1.5 4 8 13 18 23	None 1-2 3-5 6-10 11-15 16-20 More than 20	19 15 7 4 3 0 0	40 31 15 8 6 0 0	2,307 2,528 1,649 705 257 74 80	30 33 22 9 3 1 1	1,456 2,068 1,427 610 177 68 57	25 35 24 10 3 1 1	10,713 16,309 12,315 5,644 1,958 685 761	22 34 25 12 4 1 2	2.5	3.0	3.2	3.6	-.11	-.16	-.16	-.24				

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Item wording or description	Variable name ^l	Values ^m	Response options											Your seniors compared with					
				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	27	56	3,845	50	2,767	47	21,794	45	1.3	1.8	-.14	1.8	-.16	2.0	-.19	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	33	2,460	32	2,058	35	17,238	36								
		4	3-5	3	6	775	10	643	11	5,595	12								
		8	6-10	0	0	290	4	216	4	1,932	4								
		13	11-15	2	4	156	2	104	2	1,060	2								
		18	16-20	0	0	40	1	37	1	323	1								
		23	More than 20	0	0	73	1	58	1	569	1								
	Total			48	100	7,639	100	5,883	100	48,511	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.)									56.4	70.0	-.15	74.3	-.21	81.7	-.27	
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	5	10	338	4	277	5	2,722	6	2.9	3.1	-.24	3.1	-.15	3.1	-.15	
		2	Sometimes	12	25	1,629	21	1,445	25	11,320	23								
		3	Often	13	27	2,390	31	1,858	32	15,193	31								
		4	Very often	18	38	3,290	43	2,306	39	19,352	40								
			Total	48	100	7,647	100	5,886	100	48,587	100								
b. People from an economic background other than your own	DDeconomic	1	Never	2	4	290	4	203	3	2,349	5	3.0	3.1	-.13	3.1	-.07	3.0	-.05	
		2	Sometimes	13	27	1,623	21	1,384	24	11,044	23								
		3	Often	16	33	2,686	35	2,145	36	17,272	36								
		4	Very often	17	35	3,032	40	2,150	37	17,831	37								
			Total	48	100	7,631	100	5,882	100	48,496	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	5	10	463	6	447	8	3,695	8	3.0	3.0	.00	2.9	.11	2.9	.09	
		2	Sometimes	9	19	1,885	25	1,654	28	13,171	27								
		3	Often	15	31	2,499	33	1,874	32	15,449	32								
		4	Very often	19	40	2,791	37	1,913	32	16,214	33								
			Total	48	100	7,638	100	5,888	100	48,529	100								
d. People with political views other than your own	DDpolitical	1	Never	3	6	426	6	323	5	3,263	7	3.0	3.0	-.04	3.0	.04	2.9	.06	
		2	Sometimes	12	25	1,772	23	1,561	27	12,789	26								
		3	Often	15	31	2,537	33	2,012	34	16,010	33								
		4	Very often	18	38	2,913	38	1,987	34	16,486	34								
			Total	48	100	7,648	100	5,883	100	48,548	100								

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Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	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	2	4	126	2	115	2	891	2	3.0	3.1	-.16	3.1	-.15	3.1	-.18					
		2	Sometimes	12	25	1,571	21	1,174	20	9,402	19												
		3	Often	20	42	3,493	46	2,731	46	22,385	46												
		4	Very often	14	29	2,442	32	1,856	32	15,867	33												
		Total		48	100	7,632	100	5,876	100	48,545	100												
b. Reviewed your notes after class	LSnotes	1	Never	2	4	496	6	471	8	3,727	8	3.0	2.9	.08	2.8	.22	2.8	.16					
		2	Sometimes	13	27	2,160	28	1,979	34	15,051	31												
		3	Often	18	38	2,687	35	1,952	33	16,513	34												
		4	Very often	15	31	2,290	30	1,472	25	13,245	27												
		Total		48	100	7,633	100	5,874	100	48,536	100												
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	2	471	6	465	8	3,337	7	3.0	2.9	.18	2.7 *	.32	2.8	.24					
		2	Sometimes	11	23	2,196	29	1,930	33	14,658	30												
		3	Often	21	45	2,899	38	2,178	37	18,541	38												
		4	Very often	14	30	2,071	27	1,303	22	12,005	25												
		Total		47	100	7,637	100	5,876	100	48,541	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	92	1	53	1	512	1	5.6	5.4	.17	5.4	.20	5.5	.13					
		2		0	0	122	2	106	2	738	2												
		3		1	2	407	5	281	5	2,384	5												
		4		6	13	892	12	720	12	5,489	11												
		5		15	31	2,366	31	1,921	33	14,685	30												
		6		14	29	1,950	26	1,554	26	12,630	26												
		7	Very much	12	25	1,786	23	1,236	21	12,024	25												
		Total		48	100	7,615	100	5,871	100	48,462	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	9	19	832	11	516	9	5,746	12	28%	47% **	-.41	53% ***	-.53	46% *	-.37					
			Do not plan to do	18	38	1,474	19	981	17	10,342	21												
			Plan to do	7	15	1,711	22	1,259	21	10,336	21												
			Done or in progress	13	28	3,623	47	3,131	53	22,130	46												
			Total	47	100	7,640	100	5,887	100	48,554	100												

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			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name ^l	Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	Your seniors compared with					
			Count	%									Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	3	6	809	11	547	9	5,661	12	31%	37%	-.12	42%	-.22	36%	-.10
			Do not plan to do	22	46	3,320	44	2,373	40	21,110	44							
			Plan to do	8	17	697	9	506	9	4,366	9							
			Done or in progress	15	31	2,798	37	2,454	42	17,385	36							
			Total	48	100	7,624	100	5,880	100	48,522	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	4	9	1,010	13	691	12	7,015	14	23%	21%	.06	24%	-.02	20%	.09
			Do not plan to do	26	55	4,220	55	3,205	55	26,788	55							
			Plan to do	6	13	804	11	550	9	5,039	10							
			Done or in progress	11	23	1,582	21	1,428	24	9,631	20							
			Total	47	100	7,616	100	5,874	100	48,473	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	5	10	842	11	526	9	5,221	11	23%	19%	.10	22%	.02	19%	.11
			Do not plan to do	30	63	4,728	62	3,628	62	30,883	64							
			Plan to do	2	4	614	8	420	7	3,407	7							
			Done or in progress	11	23	1,432	19	1,299	22	8,989	19							
			Total	48	100	7,616	100	5,873	100	48,500	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	9	19	1,183	16	822	14	7,492	15	19%	14%	.12	15%	.11	14%	.14
			Do not plan to do	26	54	4,580	60	3,642	62	29,656	61							
			Plan to do	4	8	773	10	550	9	4,687	10							
			Done or in progress	9	19	1,079	14	859	15	6,671	14							
			Total	48	100	7,615	100	5,873	100	48,506	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	6	13	817	11	480	8	4,862	10	46%	42%	.09	48%	-.03	45%	.02
			Do not plan to do	6	13	1,809	24	1,220	21	10,351	21							
			Plan to do	14	29	1,828	24	1,380	23	11,441	24							
			Done or in progress	22	46	3,168	42	2,794	48	21,850	45							
			Total	48	100	7,622	100	5,874	100	48,504	100							

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

servcourse	1	2	3	4	Total	Mean	Effect size ⁿ
None	19	40	3,222	42	2,479	42	20,665
Some	25	52	3,711	49	2,884	49	23,366
Most	2	4	552	7	412	7	3,501
All	2	4	132	2	95	2	911
Total	48	100	7,617	100	5,870	100	48,443

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020					
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
13. Indicate the quality of your interactions with the following people at your institution.																							
a. Students	QIstudent	1	Poor	0	0	85	1	58	1	598	1	5.9	5.6	.18	5.6	.20	5.6	.18					
		2		0	0	112	1	89	2	780	2												
		3		3	6	332	4	230	4	1,915	4												
		4		1	2	728	10	573	10	4,650	10												
		5		11	23	1,839	24	1,487	25	11,434	24												
		6		17	35	2,074	27	1,741	30	13,133	27												
		7	Excellent	15	31	2,325	30	1,642	28	14,570	30												
		—	Not applicable	1	2	131	2	62	1	1,497	3												
			Total	48	100	7,626	100	5,882	100	48,577	100												
b. Academic advisors	QIadvisor	1	Poor	1	2	359	5	272	5	2,033	4	5.4	5.3	.06	5.1	.15	5.3	.03					
		2		1	2	341	4	320	5	2,118	4												
		3		2	4	554	7	505	9	3,409	7												
		4		10	21	913	12	745	13	5,627	12												
		5		10	21	1,435	19	1,211	21	8,962	18												
		6		10	21	1,498	20	1,162	20	9,570	20												
		7	Excellent	14	29	2,454	32	1,600	27	16,084	33												
		—	Not applicable	0	0	71	1	59	1	741	2												
			Total	48	100	7,625	100	5,874	100	48,544	100												
c. Faculty	QIfaculty	1	Poor	0	0	123	2	81	1	720	1	5.6	5.5	.06	5.5	.08	5.5	.03					
		2		1	2	165	2	116	2	956	2												
		3		2	4	371	5	274	5	2,238	5												
		4		4	8	873	11	717	12	5,428	11												
		5		15	31	1,829	24	1,511	26	11,437	24												
		6		14	29	2,133	28	1,705	29	13,441	28												
		7	Excellent	12	25	2,056	27	1,434	24	13,743	28												
		—	Not applicable	0	0	67	1	35	1	581	1												
			Total	48	100	7,617	100	5,873	100	48,544	100												

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size ⁿ		Effect size ⁿ							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size ⁿ	Effect size ⁿ							
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	2	310	4	227	4	1,912	4	5.4	5.1	.18	5.0	.24	5.1	.18							
		2		1	2	314	4	273	5	1,945	4														
		3		0	0	484	6	454	8	3,187	7														
		4		8	17	961	13	784	13	5,965	12														
		5		12	25	1,493	20	1,158	20	8,745	18														
		6		13	27	1,421	19	1,106	19	8,562	18														
		7	Excellent	9	19	1,557	20	1,048	18	9,985	21														
		—	Not applicable	4	8	1,084	14	829	14	8,241	17														
	Total	48	100	7,624	100	5,879	100	48,542	100																
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	1	2	381	5	251	4	2,030	4	5.2	5.0	.16	4.9	.18	5.1	.09							
		2		1	2	362	5	293	5	2,223	5														
		3		6	13	607	8	488	8	3,559	7														
		4		4	8	1,100	14	915	16	6,677	14														
		5		12	25	1,596	21	1,226	21	9,674	20														
		6		14	29	1,511	20	1,198	20	9,803	20														
		7	Excellent	10	21	1,571	21	1,102	19	11,333	23														
		—	Not applicable	0	0	502	7	406	7	3,284	7														
	Total	48	100	7,630	100	5,879	100	48,583	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	154	2	89	2	967	2	3.0	3.1	-.16	3.1	-.18	3.1	-.15							
		2	Some	13	27	1,430	19	1,132	19	9,415	19														
		3	Quite a bit	24	50	3,678	48	2,808	48	23,292	48														
		4	Very much	11	23	2,356	31	1,842	31	14,828	31														
			Total	48	100	7,618	100	5,871	100	48,502	100														
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	390	5	259	4	2,580	5	3.1	2.9	.14	2.9	.19	2.9	.14							
		2	Some	13	28	1,810	24	1,492	25	11,517	24														
		3	Quite a bit	18	38	3,249	43	2,627	45	20,546	42														
		4	Very much	16	34	2,161	28	1,489	25	13,800	28														
			Total	47	100	7,610	100	5,867	100	48,443	100														
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	8	697	9	532	9	4,484	9	2.8	2.9	-.09	2.8	-.02	2.9	-.07							
		2	Some	16	33	1,815	24	1,559	27	11,814	24														
		3	Quite a bit	14	29	2,831	37	2,273	39	18,171	38														
		4	Very much	14	29	2,264	30	1,501	26	13,974	29														
			Total	48	100	7,607	100	5,865	100	48,443	100														

NSSE 2020 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				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with				
				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	9	19	1,053	14	908	15	7,038	15	2.5	2.7	-.16	2.6	-.07	2.6	-.13
		2	Some	13	27	2,262	30	1,928	33	14,712	30							
		3	Quite a bit	19	40	2,538	33	1,849	31	15,643	32							
		4	Very much	7	15	1,748	23	1,186	20	10,995	23							
		Total		48	100	7,601	100	5,871	100	48,388	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	2	540	7	460	8	4,634	10	2.9	2.9	.01	2.9	.08	2.8	.13
		2	Some	11	23	1,760	23	1,484	25	12,530	26							
		3	Quite a bit	26	54	2,977	39	2,313	39	18,331	38							
		4	Very much	10	21	2,319	31	1,600	27	12,885	27							
		Total		48	100	7,596	100	5,857	100	48,380	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	8	757	10	652	11	6,161	13	2.9	2.8	.07	2.8	.15	2.7	.19
		2	Some	12	25	1,903	25	1,578	27	13,361	28							
		3	Quite a bit	17	35	2,829	37	2,177	37	17,202	36							
		4	Very much	15	31	2,107	28	1,460	25	11,641	24							
		Total		48	100	7,596	100	5,867	100	48,365	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	11	23	2,224	29	1,875	32	14,667	30	2.3	2.2	.15	2.1	.24	2.2	.17
		2	Some	16	33	2,693	35	2,115	36	16,854	35							
		3	Quite a bit	15	31	1,721	23	1,263	22	11,043	23							
		4	Very much	6	13	961	13	611	10	5,827	12							
		Total		48	100	7,599	100	5,864	100	48,391	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	7	15	823	11	758	13	9,012	19	2.4	2.8 *	-0.35	2.6	-.20	2.5	-.10
		2	Some	19	40	2,053	27	1,843	31	13,876	29							
		3	Quite a bit	16	33	2,775	37	2,104	36	15,966	33							
		4	Very much	6	13	1,941	26	1,157	20	9,466	20							
		Total		48	100	7,592	100	5,862	100	48,320	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	11	23	1,416	19	1,186	20	11,010	23	2.2	2.4	-.26	2.3	-.18	2.3	-.16
		2	Some	23	48	2,787	37	2,271	39	17,411	36							
		3	Quite a bit	9	19	2,249	30	1,698	29	13,404	28							
		4	Very much	5	10	1,159	15	712	12	6,573	14							
		Total		48	100	7,611	100	5,867	100	48,398	100							

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

Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020					
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
15. To what extent do you agree or disagree with the following statements?																							
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	0	0	98	2	59	2	579	2	3.4	3.4	.04	3.3	.10	3.3	.07					
		2	Disagree	2	4	327	6	205	7	1,808	7												
	(Comparison data are limited to NSSE 2020.)	3	Agree	25	52	2,323	45	1,332	47	12,605	46												
		4	Strongly agree	21	44	2,453	47	1,251	44	12,619	46												
			Total	48	100	5,201	100	2,847	100	27,611	100												
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	3	6	289	6	171	6	1,460	5	3.1	3.0	.12	3.0	.17	3.0	.11					
		2	Disagree	5	11	876	17	498	18	4,563	17												
	(Comparison data are limited to NSSE 2020.)	3	Agree	23	49	2,528	49	1,438	51	13,681	50												
		4	Strongly agree	16	34	1,502	29	737	26	7,868	29												
			Total	47	100	5,195	100	2,844	100	27,572	100												
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	0	0	258	5	168	6	1,418	5	3.2	3.1	.14	3.0	.23	3.0	.18					
		2	Disagree	6	13	846	16	511	18	4,679	17												
	(Comparison data are limited to NSSE 2020.)	3	Agree	28	58	2,449	47	1,378	49	13,459	49												
		4	Strongly agree	14	29	1,649	32	783	28	8,049	29												
			Total	48	100	5,202	100	2,840	100	27,605	100												
16. About how many hours do you spend in a typical 7-day week doing the following?																							
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	2	43	1	30	1	207	0	14.1	13.2	.12	13.7	.04	13.6	.06					
		3	1-5 hrs	6	13	1,302	17	862	15	7,551	16												
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	14	29	1,997	26	1,514	26	12,490	26												
		13	11-15 hrs	10	21	1,620	21	1,296	22	10,644	22												
		18	16-20 hrs	8	17	1,317	17	1,041	18	8,425	17												
		23	21-25 hrs	2	4	683	9	568	10	4,567	9												
		28	26-30 hrs	1	2	324	4	255	4	2,260	5												
		33	More than 30 hrs	6	13	322	4	306	5	2,320	5												
			Total	48	100	7,608	100	5,872	100	48,464	100												
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	15	32	2,866	38	2,106	36	20,250	42	7.3	5.7	.21	5.6	.24	5.4	.24					
		3	1-5 hrs	12	26	2,116	28	1,761	30	12,423	26												
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	3	6	1,079	14	875	15	6,341	13												
		13	11-15 hrs	8	17	693	9	512	9	4,027	8												
		18	16-20 hrs	7	15	389	5	311	5	2,532	5												
		23	21-25 hrs	1	2	247	3	152	3	1,432	3												
		28	26-30 hrs	1	2	77	1	57	1	564	1												
		33	More than 30 hrs	0	0	138	2	91	2	862	2												
			Total	47	100	7,605	100	5,865	100	48,431	100												

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Frequencies and Statistical Comparisons: Business

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				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with					
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Effect size ⁿ		Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ					
c. Working for pay on campus	tmworkonhrs	0	0 hrs	29	60	5,866	77	4,039	69	35,652	74	5.4	3.4	.27	4.3	.14	3.5	.27							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	182	2	211	4	1,970	4														
	8	6-10 hrs	7	15	365	5	457	8	3,456	7															
	13	11-15 hrs	4	8	427	6	426	7	2,870	6															
	18	16-20 hrs	7	15	442	6	497	8	2,798	6															
	23	21-25 hrs	1	2	151	2	119	2	805	2															
	28	26-30 hrs	0	0	59	1	32	1	274	1															
	33	More than 30 hrs	0	0	117	2	82	1	597	1															
	Total		48	100	7,609	100	5,863	100	48,422	100															
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	19	40	2,724	36	2,308	39	17,788	37	12.4	14.6	-.16	13.1	-.05	14.8	-.17							
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	2	320	4	283	5	1,952	4														
	8	6-10 hrs	3	6	405	5	360	6	2,590	5															
	13	11-15 hrs	7	15	494	6	378	6	2,982	6															
	18	16-20 hrs	6	13	749	10	626	11	4,349	9															
	23	21-25 hrs	1	2	673	9	469	8	3,550	7															
	28	26-30 hrs	3	6	542	7	360	6	2,680	6															
	33	More than 30 hrs	8	17	1,709	22	1,092	19	12,596	26															
	Total		48	100	7,616	100	5,876	100	48,487	100															
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)								17.8	18.0	-.02	17.3	.03	18.2	-.03								
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	23	48	3,851	51	3,017	51	25,020	52	3.9	3.1	.14	2.6	.26	2.9	.18							
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	29	2,560	34	2,120	36	16,377	34														
	8	6-10 hrs	5	10	586	8	394	7	3,539	7															
	13	11-15 hrs	2	4	283	4	166	3	1,629	3															
	18	16-20 hrs	3	6	147	2	93	2	886	2															
	23	21-25 hrs	1	2	91	1	45	1	448	1															
	28	26-30 hrs	0	0	29	0	12	0	169	0															
	33	More than 30 hrs	0	0	60	1	25	0	373	1															
	Total		48	100	7,607	100	5,872	100	48,441	100															

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				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ			
														Mean	Effect size ⁿ	Mean	Effect size ⁿ		
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	4	212	3	129	2	1,529	3	15.6	11.8 *	.45	11.7 *	.47	11.2 **	.52	
	3	1-5 hrs	6	13	1,763	23	1,357	23	12,230	25									
	8	6-10 hrs	10	21	2,021	27	1,597	27	13,204	27									
	13	11-15 hrs	7	15	1,522	20	1,195	20	9,330	19									
	18	16-20 hrs	10	21	988	13	805	14	5,962	12									
	23	21-25 hrs	3	6	464	6	336	6	2,576	5									
	28	26-30 hrs	4	8	199	3	156	3	1,177	2									
	33	More than 30 hrs	6	13	441	6	301	5	2,482	5									
	Total				48	100	7,610	100	5,876	100	48,490								100
	g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	34	71	5,178	68	4,198	72	30,541								63
3		1-5 hrs	4	8	715	9	558	10	4,914	10									
8		6-10 hrs	2	4	320	4	259	4	2,529	5									
13		11-15 hrs	2	4	275	4	186	3	1,824	4									
18		16-20 hrs	1	2	209	3	123	2	1,467	3									
23		21-25 hrs	3	6	116	2	65	1	776	2									
28		26-30 hrs	0	0	61	1	57	1	501	1									
33		More than 30 hrs	2	4	734	10	420	7	5,864	12									
Total				48	100	7,608	100	5,866	100	48,416	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	10	21	1,228	16	1,071	18	14,084	29	6.2	5.5	.11	4.9	.23	4.5	.28	
	3	1-5 hrs	24	50	4,124	54	3,326	57	22,509	46									
	8	6-10 hrs	4	8	1,244	16	865	15	6,710	14									
	13	11-15 hrs	4	8	476	6	290	5	2,471	5									
	18	16-20 hrs	3	6	217	3	133	2	1,099	2									
	23	21-25 hrs	1	2	112	1	66	1	516	1									
	28	26-30 hrs	0	0	54	1	36	1	274	1									
	33	More than 30 hrs	2	4	164	2	93	2	839	2									
Total				48	100	7,619	100	5,880	100	48,502	100								

NSSE 2020 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				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																							
	reading	1	Very little	13	27	1,023	13	678	12	5,026	10	2.3	2.8 *	-.37	2.9 **	-.47	2.9 ***	-.51					
		2	Some	16	33	2,408	32	1,699	29	13,517	28												
		3	About half	10	21	2,145	28	1,687	29	14,839	31												
		4	Most	8	17	1,463	19	1,383	24	11,022	23												
		5	Almost all	1	2	561	7	423	7	4,049	8												
			Total	48	100	7,600	100	5,870	100	48,453	100												
	tmreadinghrs		(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)									5.5	6.3	-.13	6.9	-.22	6.9	-.23					
	tmreadinghrscol	1	0 hrs	1	2	42	1	30	1	204	0												
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	26	54	4,135	55	2,889	49	23,643	49												
		3	More than 5, up to 10 hrs	14	29	2,029	27	1,686	29	14,099	29												
		4	More than 10, up to 15 hrs	4	8	644	9	609	10	5,018	10												
		5	More than 15, up to 20 hrs	2	4	362	5	325	6	2,664	6												
		6	More than 20, up to 25 hrs	0	0	244	3	235	4	1,817	4												
		7	More than 25 hrs	1	2	112	1	78	1	828	2												
			Total	48	100	7,568	100	5,852	100	48,273	100												
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																							
a.	Writing clearly and effectively	pgwrite	1	Very little	1	2	402	5	284	5	2,226	5	2.9	3.0	-.10	3.0	-.11	3.0	-.17				
			2	Some	16	33	1,709	22	1,316	22	9,968	21											
			3	Quite a bit	18	38	3,105	41	2,452	42	20,010	41											
			4	Very much	13	27	2,403	32	1,822	31	16,271	34											
			Total	48	100	7,619	100	5,874	100	48,475	100												

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Frequencies and Statistical Comparisons: Business

Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ		
														Mean	Effect size ⁿ	Mean	Effect size ⁿ	
b. Speaking clearly and effectively	pgspeak	1	Very little	1	2	419	6	317	5	2,846	6	3.0	3.0	-.02	3.0	.00	3.0	.00
		2	Some	11	23	1,599	21	1,280	22	10,193	21							
		3	Quite a bit	22	46	2,899	38	2,265	39	18,501	38							
		4	Very much	14	29	2,699	35	2,018	34	16,939	35							
		Total		48	100	7,616	100	5,880	100	48,479	100							
c. Thinking critically and analytically	pgthink	1	Very little	0	0	170	2	125	2	1,072	2	3.3	3.3	.05	3.3	.01	3.3	.03
		2	Some	5	10	1,068	14	767	13	6,470	13							
		3	Quite a bit	24	50	3,044	40	2,307	39	19,240	40							
		4	Very much	19	40	3,336	44	2,675	46	21,715	45							
		Total		48	100	7,618	100	5,874	100	48,497	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	0	0	316	4	264	4	2,067	4	3.4	3.1	.27	3.1	.28	3.1 *	.30 ▲
		2	Some	4	8	1,423	19	1,092	19	9,589	20							
		3	Quite a bit	23	48	2,899	38	2,215	38	18,482	38							
		4	Very much	21	44	2,975	39	2,300	39	18,346	38							
		Total		48	100	7,613	100	5,871	100	48,484	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	0	0	473	6	370	6	3,124	6	3.2	3.1	.12	3.0	.15	3.0	.15
		2	Some	7	15	1,512	20	1,209	21	10,080	21							
		3	Quite a bit	26	54	2,744	36	2,148	37	17,668	36							
		4	Very much	15	31	2,881	38	2,147	37	17,620	36							
		Total		48	100	7,610	100	5,874	100	48,492	100							
f. Working effectively with others	pgothers	1	Very little	2	4	298	4	242	4	2,274	5	3.1	3.1	.00	3.1	-.01	3.1	.03
		2	Some	5	10	1,424	19	1,051	18	9,043	19							
		3	Quite a bit	26	54	2,931	39	2,283	39	18,674	39							
		4	Very much	15	31	2,953	39	2,303	39	18,499	38							
		Total		48	100	7,606	100	5,879	100	48,490	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	3	6	730	10	515	9	4,216	9	2.9	2.9	-.03	2.9	-.03	2.9	-.06
		2	Some	11	23	1,805	24	1,466	25	11,300	23							
		3	Quite a bit	24	50	2,671	35	2,111	36	17,475	36							
		4	Very much	10	21	2,410	32	1,790	30	15,490	32							
		Total		48	100	7,616	100	5,882	100	48,481	100							

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Tennessee Technological University

Seniors^a in Business

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ		Effect size ⁿ		
				%	%	%	%	%	%	Mean	Mean							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	8	639	8	564	10	4,207	9	2.7	2.9	-.21	2.8	-.13	2.9	-.20
		2	Some	17	35	1,936	25	1,645	28	12,478	26							
		3	Quite a bit	17	35	2,699	35	1,977	34	17,110	35							
		4	Very much	10	21	2,347	31	1,691	29	14,704	30							
		Total		48	100	7,621	100	5,877	100	48,499	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	0	0	623	8	460	8	3,850	8	3.1	2.9	.21	2.9	.23	2.9	.22
		2	Some	12	25	1,946	26	1,595	27	12,720	26							
		3	Quite a bit	21	44	2,882	38	2,163	37	18,076	37							
		4	Very much	15	31	2,173	29	1,660	28	13,855	29							
		Total		48	100	7,624	100	5,878	100	48,501	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	1	2	825	11	700	12	5,332	11	2.8	2.8	.03	2.7	.08	2.8	.03
		2	Some	17	35	2,161	28	1,780	30	13,868	29							
		3	Quite a bit	21	44	2,611	34	1,931	33	16,423	34							
		4	Very much	9	19	2,032	27	1,470	25	12,895	27							
		Total		48	100	7,629	100	5,881	100	48,518	100							
19. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	0	0	164	2	121	2	1,053	2	3.4	3.3	.17	3.3	.21	3.3	.17
		2	Fair	4	8	826	11	681	12	5,409	11							
		3	Good	20	42	3,290	43	2,635	45	20,648	42							
		4	Excellent	24	50	3,366	44	2,455	42	21,513	44							
		Total		48	100	7,646	100	5,892	100	48,623	100							
20. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	0	0	318	4	233	4	2,043	4	3.3	3.3	.06	3.2	.11	3.3	.09
		2	Probably no	7	15	884	12	720	12	5,904	12							
		3	Probably yes	18	38	2,781	36	2,333	40	18,359	38							
		4	Definitely yes	23	48	3,683	48	2,614	44	22,427	46							
		Total		48	100	7,666	100	5,900	100	48,733	100							

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Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
22a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	27	69	4,232	76	3,795	75	24,546	74	36	73	6,020	79	4,567	77	37,778	78
		More than one	12	31	1,309	24	1,239	25	8,561	26	13	27	1,641	21	1,335	23	10,916	22
		Total	39	100	5,541	100	5,034	100	33,107	100	49	100	7,661	100	5,902	100	48,694	100
First major or expected first major, in NSSE's default related-major categories. <i>(This does not reflect any customization made for the Major Field Report.)</i>	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	66	1	66	1	473	1	0	0	55	1	60	1	396	1
		Biological Sci., Agriculture, & Natural Resources	0	0	33	1	36	1	216	1	0	0	28	0	19	0	152	0
		Physical Sci., Mathematics, & Computer Science	0	0	37	1	34	1	314	1	0	0	48	1	33	1	341	1
		Social Sciences	2	5	522	9	488	10	3,262	10	3	6	686	9	598	10	4,278	9
		Business	35	90	4,738	85	4,294	84	27,990	84	43	88	6,615	86	5,037	85	42,194	86
		Communications, Media, & Public Relations	0	0	29	1	38	1	168	1	1	2	35	0	17	0	151	0
		Education	1	3	16	0	6	0	57	0	0	0	24	0	7	0	92	0
		Engineering	0	0	34	1	28	1	134	0	1	2	29	0	35	1	154	0
		Health Professions	1	3	35	1	35	1	208	1	1	2	46	1	26	0	265	1
		Social Service Professions	0	0	53	1	28	1	266	1	0	0	120	2	60	1	590	1
		All Other	0	0	28	1	30	1	262	1	0	0	31	0	42	1	361	1
		Undecided, Undeclared	0	0	2	0	3	0	24	0	0	0	0	0	2	0	6	0
		Total	39	100	5,593	100	5,086	100	33,374	100	49	100	7,717	100	5,936	100	48,980	100
Second major or expected second major, in NSSE's default related-major categories. <i>(This does not reflect any customization made for the Major Field Report.)</i>	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	1	8	134	11	151	12	809	10	1	8	133	8	126	10	857	8
		Biological Sci., Agriculture, & Natural Resources	0	0	10	1	19	2	101	1	0	0	11	1	20	2	114	1
		Physical Sci., Mathematics, & Computer Science	0	0	21	2	24	2	263	3	2	17	32	2	44	3	240	2
		Social Sciences	3	25	199	16	203	17	1,541	18	0	0	251	16	248	19	1,751	16
		Business	8	67	737	58	657	54	4,548	54	9	75	1,014	63	725	55	6,306	59
		Communications, Media, & Public Relations	0	0	29	2	38	3	208	2	0	0	17	1	25	2	192	2
		Education	0	0	19	1	5	0	76	1	0	0	7	0	10	1	92	1
		Engineering	0	0	8	1	6	0	36	0	0	0	4	0	16	1	69	1
		Health Professions	0	0	18	1	17	1	121	1	0	0	25	2	8	1	192	2
		Social Service Professions	0	0	34	3	26	2	212	3	0	0	40	2	35	3	307	3
		All Other	0	0	39	3	42	3	304	4	0	0	57	4	54	4	503	5
		Undecided, Undeclared	0	0	22	2	25	2	143	2	0	0	23	1	14	1	122	1
		Total	12	100	1,270	100	1,213	100	8,362	100	12	100	1,614	100	1,325	100	10,745	100
23. What is your class level?	class	Freshman/First-year	28	74	4,485	82	4,334	87	28,308	86	0	0	11	0	10	0	121	0
		Sophomore	10	26	845	15	554	11	3,590	11	0	0	51	1	43	1	322	1
		Junior	0	0	111	2	86	2	588	2	1	2	468	6	416	7	3,261	7
		Senior	0	0	23	0	9	0	112	0	44	98	6,959	91	5,314	91	43,722	90
		Unclassified	0	0	25	0	10	0	222	1	0	0	120	2	86	1	921	2
		Total	38	100	5,489	100	4,993	100	32,820	100	45	100	7,609	100	5,869	100	48,347	100

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			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24a. How many courses are you taking for credit this current academic term?	coursenum	0	1	3	16	0	6	0	120	0	0	0	168	2	91	2	1,177	2
		1	0	0	29	1	18	0	347	1	0	0	264	3	149	3	2,063	4
		2	0	0	81	1	64	1	784	2	2	4	617	8	387	7	4,642	10
		3	1	3	116	2	75	1	912	3	1	2	833	11	512	9	5,539	11
		4	5	13	1,092	20	813	16	7,466	23	12	26	2,265	30	1,761	30	13,931	29
		5	21	55	2,666	48	2,432	49	14,566	44	17	36	2,248	29	1,791	30	12,249	25
		6	6	16	1,042	19	1,127	23	5,756	17	11	23	810	11	811	14	5,389	11
		7 or more	4	11	467	8	473	9	2,973	9	4	9	416	5	377	6	3,499	7
		Total	38	100	5,509	100	5,008	100	32,924	100	47	100	7,621	100	5,879	100	48,489	100
b. Of these, how many are taught mostly or entirely online (most or all interactions with instructors and students take place online)?	onlinenum20	0	25	66	1,588	43	1,260	52	10,805	55	24	51	1,939	37	1,244	44	12,070	44
		1	6	16	877	24	622	25	3,855	19	11	23	1,298	25	715	25	6,007	22
		2	3	8	583	16	311	13	1,805	9	4	9	838	16	402	14	3,538	13
		3	2	5	253	7	105	4	832	4	1	2	468	9	176	6	1,994	7
		4	2	5	171	5	49	2	1,139	6	5	11	361	7	159	6	1,933	7
		5	0	0	141	4	49	2	685	3	0	0	169	3	53	2	774	3
		6	0	0	39	1	24	1	252	1	1	2	52	1	46	2	421	2
		7 or more	0	0	30	1	20	1	409	2	1	2	54	1	36	1	723	3
		Total	38	100	3,682	100	2,440	100	19,782	100	47	100	5,179	100	2,831	100	27,460	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum20.)	onlinecscol20	No courses taken online	25	66	1,588	43	1,259	52	10,802	55	24	51	1,934	37	1,243	44	12,062	44
		Some courses taken online	12	32	1,723	47	1,028	42	6,263	32	18	38	2,254	44	1,138	40	9,447	34
		All courses taken online	1	3	370	10	152	6	2,709	14	5	11	986	19	449	16	5,938	22
		Total	38	100	3,681	100	2,439	100	19,774	100	47	100	5,174	100	2,830	100	27,447	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	1	3	81	1	67	1	502	2	0	0	19	0	13	0	151	0
		C	0	0	124	2	88	2	644	2	2	4	145	2	74	1	739	2
		C+	1	3	225	4	151	3	1,126	3	3	6	340	4	173	3	1,703	4
		B-	3	8	330	6	297	6	1,829	6	6	13	530	7	349	6	2,751	6
		B	6	16	889	16	743	15	5,120	16	10	21	1,523	20	1,048	18	8,549	18
		B+	9	24	972	18	922	18	6,040	18	11	23	1,584	21	1,218	21	9,501	20
		A-	7	18	1,179	21	1,194	24	7,614	23	8	17	1,373	18	1,302	22	10,273	21
		A	11	29	1,696	31	1,537	31	9,936	30	7	15	2,089	27	1,690	29	14,713	30
		Total	38	100	5,496	100	4,999	100	32,811	100	47	100	7,603	100	5,867	100	48,380	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	34	89	4,894	90	4,570	92	29,273	90	27	59	3,990	53	3,421	59	25,013	52
		Started elsewhere	4	11	574	10	405	8	3,429	10	19	41	3,573	47	2,425	41	23,181	48
		Total	38	100	5,468	100	4,975	100	32,702	100	46	100	7,563	100	5,846	100	48,194	100

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			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	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	2	5	147	3	99	2	1,190	4	1	2	462	6	255	4	3,642	8
	attend_com	Community or junior college	2	5	536	10	433	9	3,329	10	19	40	3,097	41	2,178	37	20,397	42
	attend_col	4-year college or university other than this one	5	13	595	11	435	9	3,523	11	10	21	2,219	29	1,548	27	13,349	28
	attend_none	None	28	74	4,163	76	3,923	79	24,624	75	23	49	2,907	38	2,620	45	18,489	38
	attend_other	Other	2	5	159	3	161	3	1,160	4	1	2	215	3	180	3	1,901	4
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	2	5	420	8	355	7	2,785	9	5	11	515	7	395	7	3,811	8
		Bachelor's degree (B.A., B.S., etc.)	15	39	2,284	42	1,949	39	13,453	41	19	40	3,099	41	2,171	37	19,704	41
		Master's degree (M.A., M.S., etc.)	16	42	2,259	41	2,178	44	13,473	41	19	40	3,209	42	2,734	47	20,550	43
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	5	13	520	9	498	10	3,000	9	4	9	766	10	555	9	4,252	9
		Total	38	100	5,483	100	4,980	100	32,711	100	47	100	7,589	100	5,855	100	48,317	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	1	3	179	3	229	5	1,849	6	2	4	361	5	287	5	3,502	7
		High school diploma or G.E.D.	8	21	822	15	682	14	5,470	17	7	15	1,336	18	921	16	9,594	20
		Attended college, but did not complete degree	5	13	515	9	407	8	2,950	9	5	11	708	9	562	10	4,739	10
		Associate's degree (A.A., A.S., etc.)	3	8	435	8	353	7	2,553	8	5	11	707	9	516	9	4,632	10
		Bachelor's degree (B.A., B.S., etc.)	14	37	1,775	32	1,612	32	10,083	31	16	34	2,446	32	1,936	33	14,242	30
		Master's degree (M.A., M.S., etc.)	4	11	1,317	24	1,266	26	7,398	23	6	13	1,489	20	1,190	20	8,554	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	8	419	8	413	8	2,314	7	6	13	515	7	432	7	2,916	6
		Total	38	100	5,462	100	4,962	100	32,617	100	47	100	7,562	100	5,844	100	48,179	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	21	55	3,511	64	3,291	66	19,795	61	28	60	4,450	59	3,558	61	25,712	53
		First-generation	17	45	1,951	36	1,671	34	12,822	39	19	40	3,112	41	2,286	39	22,467	47
		Total	38	100	5,462	100	4,962	100	32,617	100	47	100	7,562	100	5,844	100	48,179	100
30. What is your gender identity?	genderid	Man	17	45	2,236	41	2,215	45	14,258	44	22	47	3,137	41	2,585	44	20,224	42
		Woman	20	53	3,172	58	2,694	54	18,027	55	23	49	4,339	57	3,184	54	27,298	57
		Another gender identity	0	0	25	0	27	1	154	0	1	2	32	0	35	1	236	0
		I prefer not to respond	1	3	42	1	36	1	262	1	1	2	70	1	49	1	491	1
		Total	38	100	5,475	100	4,972	100	32,701	100	47	100	7,578	100	5,853	100	48,249	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	32	84	4,905	90	4,342	88	27,649	85	0	0	74	1	36	1	275	1
		20-23	6	16	367	7	493	10	2,311	7	37	80	4,981	66	3,993	69	29,136	61
		24-29	0	0	63	1	43	1	675	2	6	13	1,160	15	955	16	7,066	15
		30-39	0	0	50	1	40	1	932	3	3	7	684	9	454	8	5,721	12
		40-55	0	0	48	1	23	0	791	2	0	0	541	7	307	5	4,829	10
		Over 55	0	0	6	0	2	0	98	0	0	0	77	1	52	1	695	1
		Total	38	100	5,439	100	4,943	100	32,456	100	46	100	7,517	100	5,797	100	47,722	100

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a								
Item wording or description	Variable name	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
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	35	92	5,198	95	4,677	94	30,374	93	44	94	7,161	95	5,461	94	45,327	94	
		Yes	3	8	266	5	287	6	2,267	7	3	6	404	5	379	6	2,814	6	
		Total	38	100	5,464	100	4,964	100	32,641	100	47	100	7,565	100	5,840	100	48,141	100	
	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan	0	0	18	8	13	5	136	7	0	0	26	7	22	6	178	7	
		Asia	0	0	103	44	117	48	923	47	1	33	159	45	155	46	1,215	50	
		Canada	0	0	4	2	9	4	83	4	0	0	4	1	21	6	83	3	
		Europe	2	67	52	22	44	18	393	20	0	0	41	12	46	14	340	14	
		Latin America and Caribbean	0	0	42	18	52	21	350	18	0	0	102	29	59	17	427	18	
		Middle East and North Africa	1	33	11	5	8	3	72	4	2	67	20	6	36	11	150	6	
		Oceania	0	0	2	1	1	0	24	1	0	0	2	1	0	0	35	1	
Unknown region/uncoded	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0		
Total	3	100	232	100	245	100	1,982	100	3	100	354	100	339	100	2,428	100			
33. How would you describe yourself? (Select all that apply.)	re_amind	American Indian or Alaska Native	1	3	116	2	91	2	694	2	3	6	120	2	90	2	895	2	
	re_asian	Asian	2	5	441	8	551	11	3,825	12	2	4	595	8	568	10	5,220	11	
	re_black	Black or African American	1	3	961	18	550	11	3,672	11	2	4	1,150	15	499	9	4,712	10	
	re_latino	Hispanic or Latina/o	3	8	550	10	727	15	4,736	15	0	0	887	12	769	13	6,880	14	
	re_mena	Middle Eastern or N. African	1	3	77	1	111	2	521	2	3	6	99	1	92	2	615	1	
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	48	1	61	1	393	1	0	0	46	1	49	1	485	1	
	re_white	White	30	79	3,721	68	3,345	68	21,455	66	39	83	5,062	67	4,080	70	31,498	66	
	re_another	Another race or ethnicity	0	0	67	1	60	1	429	1	1	2	105	1	69	1	694	1	
	re_pnr	I prefer not to respond	1	3	109	2	104	2	717	2	0	0	192	3	143	2	1,395	3	
	Racial or ethnic identification	re_all19	American Indian or Alaska Native	1	3	23	0	18	0	191	1	1	2	25	0	26	0	270	1
		<i>(Items re_amind to re_pnr recoded where each student is represented only once)</i>	Asian	1	3	336	6	409	8	3,024	9	2	4	453	6	447	8	4,276	9
		re_pnr	Black or African American	1	3	797	15	417	8	2,805	9	2	4	1,003	13	407	7	3,887	8
		re_pnr	Hispanic or Latina/o	3	8	295	5	457	9	3,144	10	0	0	586	8	535	9	5,120	11
re_pnr		Middle Eastern or N. African	1	3	33	1	55	1	259	1	3	6	57	1	59	1	373	1	
re_pnr		Native Hawaiian/Other Pac. Islander	0	0	11	0	16	0	117	0	0	0	6	0	10	0	158	0	
re_pnr		White	29	76	3,283	60	2,894	59	18,771	58	37	79	4,571	61	3,703	64	28,519	59	
re_pnr		Another race or ethnicity	0	0	35	1	31	1	212	1	0	0	53	1	38	1	376	1	
re_pnr		Multiracial	1	3	536	10	546	11	3,301	10	2	4	604	8	460	8	3,682	8	
Total	I prefer not to respond	1	3	109	2	104	2	717	2	0	0	192	3	143	2	1,395	3		
Total		38	100	5,458	100	4,947	100	32,541	100	47	100	7,550	100	5,828	100	48,056	100		
34. Are you a member of a social fraternity or sorority?	greek	No	37	97	4,480	82	4,254	86	28,613	88	40	87	6,100	81	4,811	82	41,582	86	
		Yes	1	3	989	18	710	14	4,026	12	6	13	1,470	19	1,034	18	6,617	14	
		Total	38	100	5,469	100	4,964	100	32,639	100	46	100	7,570	100	5,845	100	48,199	100	

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	17	45	3,544	65	3,427	69	21,105	65	3	6	660	9	551	9	6,646	14
		Fraternity or sorority house	0	0	52	1	58	1	291	1	0	0	184	2	126	2	820	2
		House, apartment, or other residence within walking distance to campus	4	11	490	9	421	9	2,037	6	17	36	1,912	25	1,868	32	10,583	22
		House, apartment, or other residence farther than walk. dist. to campus	17	45	1,254	23	953	19	7,097	22	25	53	4,351	58	2,946	51	23,464	49
		Not applicable: No campus, entirely online program, etc.	0	0	88	2	72	1	1,857	6	2	4	412	5	327	6	6,346	13
		Not applicable: Homeless or in transition	0	0	17	0	12	0	118	0	0	0	28	0	14	0	177	0
		Total	38	100	5,445	100	4,943	100	32,505	100	47	100	7,547	100	5,832	100	48,036	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	33	89	5,097	94	4,652	94	28,557	88	43	93	7,254	96	5,577	96	44,674	93
		Yes	4	11	348	6	301	6	3,952	12	3	7	290	4	256	4	3,388	7
		Total	37	100	5,445	100	4,953	100	32,509	100	46	100	7,544	100	5,833	100	48,062	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	36	97	5,350	98	4,886	99	31,834	98	45	98	7,149	95	5,551	95	44,746	93
		Yes	1	3	104	2	60	1	701	2	1	2	402	5	271	5	3,331	7
		Total	37	100	5,454	100	4,946	100	32,535	100	46	100	7,551	100	5,822	100	48,077	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	34	92	4,748	87	4,308	87	28,251	87	41	89	6,514	86	5,024	86	41,606	86
		Yes	2	5	551	10	482	10	3,291	10	4	9	817	11	648	11	4,962	10
		I prefer not to respond	1	3	160	3	170	3	1,056	3	1	2	237	3	167	3	1,605	3
		Total	37	100	5,459	100	4,960	100	32,598	100	46	100	7,568	100	5,839	100	48,173	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense dis_mobility dis_learning dis_mental dis_other	A sensory impairment (vision or hearing)	0	0	75	14	77	16	461	14	0	0	88	11	81	13	621	13
		A mobility impairment	0	0	26	5	19	4	196	6	0	0	81	10	63	10	535	11
		A learning disability (e.g., ADHD, dyslexia)	0	0	278	51	216	45	1,471	45	1	25	381	47	254	40	1,956	40
		A mental health disorder	2	100	195	36	200	42	1,348	41	1	25	322	40	282	44	2,032	41
		A disability or impairment not listed above	0	0	85	16	69	14	543	17	2	50	174	21	121	19	1,181	24
		Disability or impairment	disability_all (Items dis_sense to dis_other recoded where each student is represented only once.)	A sensory impairment	0	0	50	1	58	1	305	1	0	0	40	1	46	1
		A mobility impairment	0	0	17	0	12	0	111	0	0	0	40	1	31	1	234	0
		A learning disability	0	0	204	4	148	3	990	3	1	2	256	3	175	3	1,274	3
		A mental health disorder	2	5	123	2	128	3	832	3	1	2	183	2	186	3	1,194	2
		A disability or impairment not listed	0	0	54	1	48	1	381	1	2	4	107	1	74	1	752	2
		More than one disability or impairment	0	0	98	2	84	2	641	2	0	0	186	2	131	2	1,140	2
		No disability or impairment	34	92	4,748	87	4,308	87	28,251	87	41	89	6,514	86	5,024	86	41,606	86
		Prefer not to respond	1	3	160	3	170	3	1,056	3	1	2	237	3	167	3	1,605	3
		Total	37	100	5,454	100	4,956	100	32,567	100	46	100	7,563	100	5,834	100	48,133	100

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

Respondent Profile: Business

Tennessee Technological University

Business			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	31	84	4,779	88	4,383	88	28,636	88	40	87	6,654	88	5,106	87	42,264	88
		Bisexual	1	3	265	5	221	4	1,500	5	2	4	303	4	258	4	1,784	4
		Gay	0	0	86	2	67	1	435	1	2	4	149	2	125	2	771	2
		Lesbian	0	0	40	1	35	1	228	1	1	2	52	1	35	1	364	1
		Queer	2	5	19	0	25	1	141	0	0	0	29	0	15	0	199	0
		Questioning or unsure	0	0	52	1	46	1	285	1	0	0	47	1	50	1	308	1
		Another sexual orientation	1	3	38	1	41	1	232	1	0	0	50	1	42	1	296	1
		I prefer not to respond	2	5	177	3	137	3	1,139	3	1	2	278	4	205	4	2,133	4
Total			37	100	5,456	100	4,955	100	32,596	100	46	100	7,562	100	5,836	100	48,119	100
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	20	51	3,265	58	2,778	55	18,445	55	23	47	4,459	58	3,270	55	27,883	57
		Male	19	49	2,329	42	2,310	45	14,795	44	26	53	3,259	42	2,669	45	20,897	43
		Another	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
		Unknown	0	0	0	0	0	0	145	0	0	0	3	0	0	0	211	0
		Total			39	100	5,594	100	5,088	100	33,386	100	49	100	7,721	100	5,939	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	14	0	9	0	144	0	1	2	20	0	16	0	292	1
		Asian	1	3	223	5	266	6	2,053	7	2	4	297	4	242	5	2,995	7
		Black or African American	1	3	748	15	400	9	2,565	8	2	4	967	14	379	7	3,552	8
		Hispanic or Latino	0	0	477	10	656	14	4,131	14	0	0	792	12	681	13	6,003	13
		Native Hawaiian/Other Pac. Islander	0	0	2	0	59	1	148	0	0	0	10	0	64	1	237	1
		White	34	87	2,957	61	2,694	58	17,346	57	43	88	4,072	60	3,350	62	26,085	58
		Other	0	0	0	0	12	0	16	0	0	0	0	0	15	0	21	0
		Foreign or nonresident	0	0	181	4	235	5	1,732	6	0	0	301	4	322	6	2,316	5
		Two or more races/ethnicities	3	8	157	3	180	4	1,182	4	1	2	223	3	179	3	1,388	3
Total			39	100	4,861	100	4,612	100	30,333	100	49	100	6,807	100	5,373	100	44,745	100
Institution-reported: Class level	IRclass	Freshman/First-year	39	100	5,594	100	5,088	100	33,386	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	49	100	7,721	100	5,939	100	48,992	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			39	100	5,594	100	5,088	100	33,386	100	49	100	7,721	100	5,939	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	8	21	1,175	21	388	8	4,963	15	49	100	7,710	100	5,774	97	48,454	99
		First-time first-year	31	79	4,419	79	4,700	92	28,423	85	0	0	11	0	165	3	538	1
		Total	39	100	5,594	100	5,088	100	33,386	100	49	100	7,721	100	5,939	100	48,992	100
Institution-reported: Enrollment status	IREnrollment	Not full-time	0	0	215	4	118	2	1,392	4	3	6	1,400	18	806	14	8,431	17
		Full-time	39	100	5,379	96	4,970	98	31,994	96	46	94	6,321	82	5,133	86	40,561	83
		Total	39	100	5,594	100	5,088	100	33,386	100	49	100	7,721	100	5,939	100	48,992	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 * SEM$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (z -test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z -test.
- l. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

Key to symbols:

- ▲ Your students' average was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

Reference: Rocconi, L.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.