



NSSE 2021

Frequencies and Statistical Comparisons


Tennessee Technological University

NSSE 2021 Frequencies and Statistical Comparisons

About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

1. **Class level:** As reported by your institution.
 2. **Item numbers:** Numbering corresponds to the survey available on the NSSE website.
 3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
 4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.
- Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: go.iu.edu/NSSE-weights
6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.



NSSE Frequencies and Statistical Comparisons

NSSEville State University

Item wording or description	Variable name ^a	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^c	Mean	Effect size ^c	Mean	Effect size ^c	Mean	Effect size ^c
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	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	135	20	4,397	27	845	29	75,222	33								
		3	Often	212	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	21	47,208	21								
			Total	626	100	19,948	100	2,851	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

7. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. **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.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
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	21	5	1,177	4	1,822	5	7,957	4	2.7	2.7	-0.03	2.7	-0.05	2.8 *	-0.11		
		2	Sometimes	191	40	11,159	40	15,966	39	82,035	37									
		3	Often	167	36	9,341	34	13,958	34	77,583	35									
		4	Very often	88	19	5,671	21	9,332	22	53,690	24									
		Total		467	100	27,348	100	41,078	100	221,265	100									
b. Asked another student to help you understand course material	CLaskhelp	1	Never	73	15	3,623	15	4,866	13	29,784	15	2.4	2.5	-0.03	2.5 *	-0.09	2.4	-0.01		
		2	Sometimes	189	41	10,869	40	15,885	39	86,452	40									
		3	Often	131	27	8,350	30	12,883	31	68,568	30									
		4	Very often	74	16	4,338	15	7,117	17	35,090	15									
		Total		467	100	27,180	100	40,751	100	219,894	100									
c. Explained course material to one or more students	CLexplain	1	Never	62	13	2,684	11	3,404	9	22,222	11	2.5	2.5	-0.09	2.6 ***	-0.17	2.5	-0.08		
		2	Sometimes	193	41	11,085	41	16,043	39	87,564	40									
		3	Often	153	33	9,195	33	14,335	35	75,688	33									
		4	Very often	58	13	4,120	15	6,871	17	33,939	15									
		Total		466	100	27,084	100	40,653	100	219,413	100									
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	126	28	6,089	23	7,997	21	47,076	23	2.2	2.3 *	-0.12	2.4 ***	-0.20	2.3 **	-0.13		
		2	Sometimes	166	36	9,671	36	14,198	35	76,533	35									
		3	Often	120	26	7,259	27	11,308	27	60,683	27									
		4	Very often	50	11	3,927	14	6,894	17	33,925	15									
		Total		462	100	26,946	100	40,397	100	218,217	100									
e. Worked with other students on course projects or assignments	CLproject	1	Never	106	23	3,217	13	4,827	12	26,648	14	2.2	2.5 ***	-0.31	2.5 ***	-0.34	2.5 ***	-0.30		
		2	Sometimes	201	44	10,867	41	15,804	39	83,465	39									
		3	Often	107	23	8,659	32	12,953	32	72,227	32									
		4	Very often	48	10	4,020	15	6,484	16	34,582	15									
		Total		462	100	26,763	100	40,068	100	216,922	100									
f. Given a course presentation	present	1	Never	161	36	7,020	27	10,479	26	49,265	24	2.0	2.1 **	-0.13	2.1 ***	-0.17	2.2 ***	-0.21		
		2	Sometimes	187	40	12,128	44	17,507	44	96,718	44									
		3	Often	72	16	5,510	21	8,496	21	50,356	22									
		4	Very often	40	8	2,075	8	3,515	9	20,249	9									
		Total		460	100	26,733	100	39,997	100	216,588	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
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	64	14	2,821	11	4,349	12	20,867	11	2.4	2.5 **	-0.15	2.5 **	-0.14	2.5 ***	-0.17	
		2	Sometimes	202	44	10,499	40	15,779	40	85,001	40								
		3	Often	143	32	9,341	35	13,672	34	76,882	35								
		4	Very often	47	10	3,604	14	5,495	14	30,448	14								
		Total		456	100	26,265	100	39,295	100	213,198	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	80	19	3,000	12	4,530	13	20,749	11	2.3	2.5 ***	-0.20	2.5 ***	-0.19	2.6 ***	-0.25	
		2	Sometimes	181	40	10,171	39	15,026	39	80,172	38								
		3	Often	129	28	8,891	34	13,308	33	75,618	35								
		4	Very often	55	12	3,907	15	6,011	15	34,748	16								
		Total		445	100	25,969	100	38,875	100	211,287	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	83	19	3,212	13	4,437	13	22,222	12	2.3	2.5 ***	-0.21	2.5 ***	-0.24	2.6 ***	-0.26	
		2	Sometimes	186	43	9,679	38	14,139	37	76,409	37								
		3	Often	115	25	8,508	33	12,968	33	72,986	34								
		4	Very often	62	13	4,331	17	6,887	17	37,686	18								
		Total		446	100	25,730	100	38,431	100	209,303	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	38	8	1,422	6	2,126	6	10,146	5	2.7	2.7	-0.07	2.7	-0.08	2.8 *	-0.10	
		2	Sometimes	146	33	8,357	33	12,190	33	65,683	32								
		3	Often	182	42	10,998	43	16,355	42	92,068	44								
		4	Very often	77	17	4,582	18	7,176	19	38,801	19								
		Total		443	100	25,359	100	37,847	100	206,698	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	18	4	853	4	1,285	4	6,194	3	2.8	2.9	-0.06	2.9	-0.06	2.9	-0.08	
		2	Sometimes	129	31	6,782	27	9,886	27	52,931	26								
		3	Often	182	41	11,275	45	16,822	45	94,644	46								
		4	Very often	102	24	6,019	24	9,055	24	49,557	24								
		Total		431	100	24,929	100	37,048	100	203,326	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	28	6	907	4	1,352	4	6,355	4	2.7	2.8 **	-0.16	2.8 **	-0.15	2.8 ***	-0.20	
		2	Sometimes	156	38	7,815	32	11,579	33	60,382	31								
		3	Often	161	38	10,681	43	15,600	42	89,617	44								
		4	Very often	77	18	5,079	21	7,767	21	43,648	22								
		Total		422	100	24,482	100	36,298	100	200,002	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Tennessee Technological University

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Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	12	3	419	2	670	2	3,066	2	3.0	3.0	-.02	3.0	-.03	3.0	-.07									
		2	Sometimes	94	23	5,503	23	8,075	23	41,700	22																
		3	Often	205	49	11,916	49	17,423	48	97,780	49																
		4	Very often	108	25	6,241	26	9,575	27	54,775	28																
		Total		419	100	24,079	100	35,743	100	197,321	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	90	23	4,827	21	7,000	21	40,577	22	2.3	2.3	-.02	2.3	-.04	2.3	-.01									
		2	Sometimes	173	41	10,380	43	15,132	42	85,501	43																
		3	Often	100	23	5,803	24	8,659	24	46,240	23																
		4	Very often	55	13	3,028	12	4,906	13	24,760	12																
		Total		418	100	24,038	100	35,697	100	197,078	100																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	235	57	12,529	53	18,255	53	100,133	52	1.7	1.7	-.02	1.7	-.05	1.7	-.04									
		2	Sometimes	105	25	7,038	29	10,140	28	58,333	29																
		3	Often	45	11	2,959	12	4,656	13	25,588	13																
		4	Very often	32	7	1,378	6	2,419	7	11,904	6																
		Total		417	100	23,904	100	35,470	100	195,958	100																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	165	40	9,192	39	12,863	38	68,567	37	1.9	1.9	.00	1.9	-.03	1.9	-.04									
		2	Sometimes	153	37	9,189	39	13,516	38	78,095	39																
		3	Often	64	16	3,713	16	6,026	17	33,601	17																
		4	Very often	29	7	1,544	6	2,623	7	13,666	7																
		Total		411	100	23,638	100	35,028	100	193,929	100																
d. Discussed your academic performance with a faculty member	SFperform	1	Never	104	25	6,427	27	8,998	27	51,412	27	2.1	2.1	.05	2.1	.03	2.1	.04									
		2	Sometimes	183	44	10,780	46	15,626	45	87,213	45																
		3	Often	93	22	4,558	19	7,292	20	39,481	20																
		4	Very often	32	8	1,845	8	3,083	8	15,761	8																
		Total		412	100	23,610	100	34,999	100	193,867	100																
4. During the current school year, how much has your coursework emphasized the following?																											
a. Memorizing course material	memorize	1	Very little	19	5	891	4	1,246	4	8,704	5	3.0	2.9 **	.16	2.9 *	.10	2.9 ***	.20	△	△	△						
		2	Some	77	18	6,187	27	8,384	25	52,623	28																
		3	Quite a bit	197	47	10,508	45	15,609	45	85,585	44																
		4	Very much	123	30	5,853	24	9,468	27	45,494	23																
		Total		416	100	23,439	100	34,707	100	192,406	100																

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	29	7	1,050	5	1,457	5	7,470	4	2.8	2.8	-.05	2.9 *	-.10	2.9	-.10									
		2	Some	121	29	6,478	28	8,952	26	50,016	26																
		3	Quite a bit	167	40	10,728	46	15,507	44	88,816	46																
		4	Very much	96	23	5,018	21	8,542	25	44,861	23																
		Total		413	100	23,274	100	34,458	100	191,163	100																
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	32	8	1,063	5	1,526	5	7,430	4	2.8	2.8	-.06	2.9 *	-.10	2.9 *	-.13									
		2	Some	111	28	6,697	29	9,234	28	50,589	27																
		3	Quite a bit	173	43	10,051	44	14,834	43	84,462	44																
		4	Very much	88	21	5,137	22	8,413	24	46,442	24																
		Total		404	100	22,948	100	34,007	100	188,923	100																
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	21	5	1,050	5	1,566	5	7,304	4	2.8	2.8 *	-.10	2.9 *	-.12	2.9 **	-.16									
		2	Some	130	33	6,498	28	8,861	27	48,737	26																
		3	Quite a bit	169	42	10,089	44	15,027	44	85,767	45																
		4	Very much	81	20	5,186	23	8,361	24	46,084	24																
		Total		401	100	22,823	100	33,815	100	187,892	100																
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	30	7	1,000	5	1,493	5	6,967	4	2.8	2.8	-.09	2.8	-.09	2.9 **	-.14									
		2	Some	109	28	6,373	28	9,105	28	48,874	27																
		3	Quite a bit	179	45	10,272	45	15,122	44	86,534	46																
		4	Very much	82	20	5,043	22	7,899	23	44,485	23																
		Total		400	100	22,688	100	33,619	100	186,860	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	18	5	668	3	956	3	4,525	3	3.0	3.0	-.02	3.0	-.04	3.0	-.08									
		2	Some	87	23	5,399	24	7,528	23	38,994	21																
		3	Quite a bit	175	44	10,090	45	14,738	44	84,426	45																
		4	Very much	116	29	6,381	29	10,120	30	57,522	31																
		Total		396	100	22,538	100	33,342	100	185,467	100																
b. Taught course sessions in an organized way	ETorganize	1	Very little	27	7	1,266	6	1,765	6	8,591	5	2.9	2.9	.01	2.9	-.04	3.0	-.08									
		2	Some	101	26	5,773	25	7,965	24	41,252	23																
		3	Quite a bit	152	39	9,714	43	14,245	43	82,146	44																
		4	Very much	115	29	5,705	26	9,232	28	52,828	29																
		Total		395	100	22,458	100	33,207	100	184,817	100																

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Tennessee Technological University

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Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	27	7	1,030	5	1,470	5	7,262	4	2.9	2.9	-0.03	3.0	-0.06	3.0	-0.09									
		2	Some	85	22	5,745	26	7,968	24	42,191	23																
		3	Quite a bit	177	45	9,367	41	13,800	41	78,581	42																
		4	Very much	105	26	6,261	28	9,904	30	56,425	30																
		Total		394	100	22,403	100	33,142	100	184,459	100																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	63	16	2,002	9	2,888	9	14,322	8	2.6	2.7 **	-0.16	2.7 **	-0.16	2.8 ***	-0.23									
		2	Some	114	29	7,085	32	9,989	31	53,312	29																
		3	Quite a bit	131	34	7,939	35	11,883	35	67,955	36																
		4	Very much	84	21	5,330	24	8,308	24	48,498	26																
		Total		392	100	22,356	100	33,068	100	184,087	100																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	55	14	2,515	11	3,461	11	16,386	9	2.6	2.6	-0.04	2.7	-0.07	2.7 **	-0.14									
		2	Some	127	33	7,831	35	10,873	33	58,315	32																
		3	Quite a bit	129	33	7,683	35	11,648	35	68,180	37																
		4	Very much	76	20	4,245	19	6,975	21	40,567	22																
		Total		387	100	22,274	100	32,957	100	183,448	100																
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	19	5	500	5	691	6	3,372	5	2.9	2.9	.02	2.9	.07	3.0	-0.03									
		2	Some	95	25	2,610	26	3,504	27	18,195	23																
		3	Quite a bit	161	42	4,146	41	5,620	41	32,840	41																
		4	Very much	112	29	2,815	28	3,629	27	23,279	30																
		Total		387	100	10,071	100	13,444	100	77,686	100																
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	23	6	429	4	659	6	2,905	4	2.9	2.9	-0.07	2.9	-0.01	2.9 *	-0.12									
		2	Some	99	26	2,687	27	3,495	27	18,643	24																
		3	Quite a bit	172	45	4,312	43	5,871	43	34,493	44																
		4	Very much	91	23	2,617	26	3,361	24	21,397	28																
		Total		385	100	10,045	100	13,386	100	77,438	100																
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	49	13	1,362	14	1,847	16	8,597	12	2.5	2.5	-0.02	2.5	.03	2.6 *	-0.10									
		2	Some	145	39	3,878	38	4,912	37	27,522	35																
		3	Quite a bit	138	36	3,282	33	4,511	33	27,727	35																
		4	Very much	52	13	1,503	16	2,083	15	13,394	17																
		Total		384	100	10,025	100	13,353	100	77,240	100																

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	12	3	378	4	493	4	2,451	4	3.1	3.0	.09	3.0 *	.10	3.1	.04	△								
		2	Some	71	18	2,072	21	2,690	21	14,388	19																
		3	Quite a bit	158	42	4,273	42	5,710	42	33,409	43																
		4	Very much	146	37	3,285	33	4,424	33	26,807	35																
		Total		387	100	10,008	100	13,317	100	77,055	100																
6. During the current school year, about how often have you done the following?																											
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	43	10	2,425	11	3,137	10	19,383	10	2.6	2.6	.09	2.6	.03	2.6	.06									
		2	Sometimes	131	34	8,378	38	11,791	36	67,584	37																
		3	Often	149	39	7,879	36	11,933	37	65,482	37																
		4	Very often	62	17	3,179	15	5,341	17	27,254	16																
		Total		385	100	21,861	100	32,202	100	179,703	100																
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public	QRproblem	1	Never	82	21	4,351	20	6,123	20	33,736	19	2.3	2.3	.01	2.3	-.03	2.3	-.03									
		2	Sometimes	151	39	8,910	41	12,380	39	71,576	40																
		3	Often	101	26	6,099	28	9,394	29	52,281	29																
		4	Very often	49	13	2,348	11	4,120	13	21,101	12																
		Total		383	100	21,708	100	32,017	100	178,694	100																
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	84	21	4,167	19	5,633	18	32,331	18	2.3	2.3	.01	2.3	-.05	2.3	-.04									
		2	Sometimes	155	41	9,273	43	13,088	42	74,537	42																
		3	Often	103	27	6,138	29	9,437	29	52,585	30																
		4	Very often	42	12	2,029	10	3,695	11	18,441	11																
		Total		384	100	21,607	100	31,853	100	177,894	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 <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	53	14	1,736	8	2,682	9	11,611	7	4.7	6.1 ***	-.24	5.9 ***	-.21	6.5 ***	-.30	▽	▽	▽						
		1.5	1-2	111	29	4,740	22	7,252	22	35,109	20																
		4	3-5	113	30	6,931	32	10,343	33	56,914	32																
		8	6-10	68	18	4,466	21	6,520	21	39,784	22																
		13	11-15	20	5	1,968	9	2,798	9	17,858	10																
		18	16-20	6	1	803	4	1,037	3	7,442	4																
		23	More than 20	12	3	949	4	1,166	4	8,819	5																
		Total		383	100	21,593	100	31,798	100	177,537	100																

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Tennessee Technological University

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Frequency Distributions^a

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Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Between 6 and 10 pages	wrmednum	0	None	241	63	9,022	43	13,969	44	66,106	39	1.2	2.1 ***	-0.25	2.0 ***	-0.24	2.3 ***	-0.31	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	88	24	7,183	33	10,336	32	62,519	34								
	4	3-5	33	8	3,312	15	4,492	14	30,084	17									
	8	6-10	13	4	1,309	6	1,920	6	12,237	7									
	13	11-15	4	1	454	2	641	2	3,724	2									
	18	16-20	1	0	119	1	145	1	1,019	1									
	23	More than 20	1	0	138	1	197	1	1,274	1									
	Total			381	100	21,537	100	31,700	100	176,963	100								
c. 11 pages or more	wrlongnum	0	None	341	89	17,001	79	25,110	79	135,748	77	.5	.9 ***	-0.15	.9 ***	-0.15	1.0 ***	-0.17	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	22	6	2,785	13	3,975	12	25,963	14								
	4	3-5	9	2	763	4	1,164	4	6,702	4									
	8	6-10	6	2	442	2	672	2	3,945	2									
	13	11-15	1	0	342	2	526	2	2,824	2									
	18	16-20	1	0	91	0	115	0	734	0									
	23	More than 20	1	0	129	1	184	1	1,172	1									
	Total			381	100	21,553	100	31,746	100	177,088	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									31.4	48.9 ***	-0.23	47.5 ***	-0.22	52.8 ***	-0.28	
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	39	10	1,421	7	1,667	6	10,122	6	2.7	2.9 ***	-0.21	3.0 ***	-0.35	3.0 ***	-0.28	
		2	Sometimes	136	34	6,265	29	7,668	24	46,408	26								
		3	Often	120	33	6,827	32	10,052	31	56,522	32								
		4	Very often	88	24	7,004	33	12,306	38	63,850	36								
			Total	383	100	21,517	100	31,693	100	176,902	100								
b. People from an economic background other than your own	DDeconomic	1	Never	33	9	1,340	7	1,612	6	9,945	6	2.8	2.9 **	-0.15	3.0 ***	-0.25	2.9 ***	-0.19	
		2	Sometimes	123	31	5,772	27	7,649	24	45,010	26								
		3	Often	132	35	7,929	37	11,283	36	63,842	36								
		4	Very often	92	25	6,422	30	11,086	34	57,647	32								
			Total	380	100	21,463	100	31,630	100	176,444	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. People with religious beliefs other than your own	DDreligion	1	Never	48	12	1,771	9	2,339	8	14,921	9	2.7	2.8 **	-0.14	2.9 ***	-0.23	2.8 **	-0.16	▽	▽	▽	▽					
		2	Sometimes	127	32	6,258	29	8,368	27	50,236	28																
		3	Often	113	30	7,087	33	10,006	31	56,188	32																
		4	Very often	95	26	6,349	29	10,873	34	55,105	31																
		Total		383	100	21,465	100	31,586	100	176,450	100																
d. People with political views other than your own	DDpolitical	1	Never	35	9	1,881	9	2,261	7	14,952	9	2.8	2.8	.02	2.9	-0.08	2.8	.02	△	△	△	△					
		2	Sometimes	111	29	6,641	30	8,789	28	54,327	30																
		3	Often	124	33	6,714	32	10,044	32	55,221	31																
		4	Very often	112	29	6,244	29	10,534	33	52,068	30																
		Total		382	100	21,480	100	31,628	100	176,568	100																
9. During the current school year, about how often have you done the following?																											
a. Identified key information from reading assignments	LSreading	1	Never	16	4	576	3	807	3	3,812	2	2.9	2.9 *	-0.10	3.0 **	-0.13	3.0 ***	-0.18	▽	▽	▽	▽					
		2	Sometimes	105	28	5,426	26	7,469	25	39,904	23																
		3	Often	174	46	9,969	47	14,492	46	82,644	47																
		4	Very often	85	22	5,353	25	8,596	26	49,035	27																
		Total		380	100	21,324	100	31,364	100	175,395	100																
b. Reviewed your notes after class	LSnotes	1	Never	14	3	1,030	5	1,267	4	8,310	5	3.0	2.9 **	.15	2.9	.08	2.9 *	.12	△	△	△	△					
		2	Sometimes	89	25	6,319	30	8,525	28	50,472	29																
		3	Often	148	39	7,781	36	11,560	37	63,732	36																
		4	Very often	130	32	6,168	28	9,990	31	52,665	29																
		Total		381	100	21,298	100	31,342	100	175,179	100																
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	17	4	1,257	6	1,582	5	9,638	6	2.8	2.8	.01	2.8	-0.06	2.8	-0.03	△	△	△	△					
		2	Sometimes	129	36	6,781	32	9,028	30	52,859	30																
		3	Often	138	36	8,230	39	12,308	39	68,379	39																
		4	Very often	96	24	5,029	23	8,430	26	44,347	25																
		Total		380	100	21,297	100	31,348	100	175,223	100																

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	7	2	202	1	293	1	1,437	1	5.3	5.3	.00	5.4	-.04	5.4	-.06	
		2		4	1	313	2	444	2	2,205	1								
		3		20	5	1,047	5	1,606	5	8,151	5								
		4		47	12	2,891	14	3,937	13	21,509	13								
		5		134	36	7,280	34	10,168	33	57,957	33								
		6		80	22	5,043	23	7,546	24	43,763	24								
		7	Very much	85	22	4,381	21	7,124	23	39,042	23								
			Total	377	100	21,157	100	31,118	100	174,064	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	64	17	3,002	15	4,126	14	25,392	16	4%	6%	-.09	7% *	-.13	6% *	-.12	
			Do not plan to do	23	6	1,113	6	1,573	5	9,433	6								
			Plan to do	279	73	15,807	74	23,318	74	127,626	72								
			Done or in progress	13	4	1,164	6	2,015	7	11,141	6								
			Total	379	100	21,086	100	31,032	100	173,592	100								
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	123	32	6,382	30	8,451	28	51,871	30	11%	8%	.09	9%	.07	9%	.08	
			Do not plan to do	100	27	5,405	27	7,387	24	42,155	26								
			Plan to do	112	29	7,477	35	12,315	39	63,674	36								
			Done or in progress	42	11	1,757	8	2,805	9	15,431	9								
			Total	377	100	21,021	100	30,958	100	173,131	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	152	40	6,985	34	9,900	32	61,232	35	5%	14% ***	-.30	13% ***	-.27	11% ***	-.22	
			Do not plan to do	105	29	5,215	25	8,341	28	44,026	26								
			Plan to do	101	26	5,805	28	8,814	27	48,255	27								
			Done or in progress	19	5	2,950	14	3,801	13	19,017	11								
			Total	377	100	20,955	100	30,856	100	172,530	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	125	32	6,383	31	9,047	29	50,578	30	1%	2%	-.05	2%	-.08	2%	-.07	
			Do not plan to do	167	45	6,675	33	9,090	29	49,802	31								
			Plan to do	83	21	7,512	35	12,056	39	68,534	37								
			Done or in progress	4	1	376	2	645	2	3,590	2								
			Total	379	100	20,946	100	30,838	100	172,504	100								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	173	47	8,293	40	11,559	38	68,218	40	4%	4%	.01	5%	-.03	4%	-.01									
			Do not plan to do	95	24	5,212	25	7,447	24	39,817	24																
			Plan to do	94	25	6,653	32	10,418	34	57,195	33																
			Done or in progress	16	4	789	4	1,428	5	7,278	4																
			Total	378	100	20,947	100	30,852	100	172,508	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	148	39	7,490	36	10,867	36	60,201	36	1%	2%	-.03	2%	-.06	2%	-.04									
			Do not plan to do	38	10	2,443	12	3,713	12	18,304	11																
			Plan to do	187	49	10,629	50	15,576	50	90,809	51																
			Done or in progress	5	1	378	2	662	2	3,093	2																
			Total	378	100	20,940	100	30,818	100	172,407	100																
12. About how many of your courses at this institution have included a community-based project (service-learning)?																											
	servcourse	1 None	None	216	57	11,146	54	16,283	54	86,946	51	1.5	1.6	-.06	1.6	-.06	1.6 *	-.11									
			Some	134	36	8,086	38	12,021	39	69,575	40																
			Most	25	6	1,311	6	1,855	6	12,144	7																
			All	3	1	273	1	467	2	2,760	2																
			Total	378	100	20,816	100	30,626	100	171,425	100																
13. Indicate the quality of your interactions with the following people at your institution.																											
a. Students	Q1student	1 Poor	Poor	10	2	559	3	715	2	3,554	2	5.3	5.2	.02	5.3	-.05	5.3	-.05									
			2	10	3	546	3	705	2	4,122	3																
			3	28	7	1,219	6	1,588	5	9,138	6																
			4	51	14	2,750	13	3,794	12	20,631	12																
			5	88	24	5,560	26	7,908	26	44,098	25																
			6	85	23	5,256	25	7,863	26	44,882	25																
			7 Excellent	94	25	4,431	22	7,446	24	40,651	24																
			— Not applicable	12	3	470	3	617	2	4,333	3																
			Total	378	100	20,791	100	30,636	100	171,409	100																

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	14	4	867	4	1,259	4	5,880	4	5.1	5.0	.10	5.0	.09	5.1	.03									
		2		17	4	992	5	1,336	4	6,874	4																
		3		22	6	1,610	8	2,175	7	11,791	7																
		4		50	14	3,010	14	4,360	14	23,262	14																
		5		84	22	4,435	21	6,537	21	36,281	21																
		6		80	22	4,173	20	6,069	20	36,086	20																
		7	Excellent	85	22	3,805	19	6,174	20	36,575	22																
		—	Not applicable	25	6	1,866	9	2,677	9	14,442	9																
	Total			377	100	20,758	100	30,587	100	171,191	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	4	1	399	2	525	2	2,870	2	3.1	3.0 *	.13	3.1	.10	3.1	.09									
		2	Some	63	16	4,236	21	5,780	20	32,146	20																
		3	Quite a bit	183	50	9,824	48	14,472	47	81,617	48																
		4	Very much	125	33	6,192	30	9,669	31	53,810	31																
			Total	375	100	20,651	100	30,446	100	170,443	100																
b. Providing support to help students succeed academically	SEacademic	1	Very little	17	5	955	5	1,332	5	7,153	5	2.9	2.9	-0.03	3.0	-0.09	3.0	-0.10									
		2	Some	102	27	5,018	25	6,695	23	37,472	23																
		3	Quite a bit	150	41	8,852	43	12,840	42	72,586	42																
		4	Very much	105	27	5,791	28	9,495	30	52,801	30																
			Total	374	100	20,616	100	30,362	100	170,012	100																
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	38	11	1,434	7	1,853	7	10,909	7	2.9	3.0	-0.06	3.0 *	-0.12	3.0	-0.10									
		2	Some	68	18	4,040	20	5,516	19	32,292	20																
		3	Quite a bit	138	38	7,808	38	11,395	38	64,439	38																
		4	Very much	128	33	7,308	35	11,589	37	62,200	36																
			Total	372	100	20,590	100	30,353	100	169,840	100																
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	61	16	2,592	13	3,224	11	19,299	12	2.5	2.7 ***	-0.19	2.7 ***	-0.26	2.7 ***	-0.24									
		2	Some	133	36	6,189	30	8,580	29	48,570	29																
		3	Quite a bit	113	30	7,068	34	10,645	35	59,417	35																
		4	Very much	66	17	4,714	23	7,885	25	42,335	25																
			Total	373	100	20,563	100	30,334	100	169,621	100																

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
e. Providing opportunities to be involved socially	SEsocial	1	Very little	39	11	1,758	9	2,264	8	14,193	9	2.8	2.8	-0.04	2.9 *	-0.13	2.8	-0.06	
		2	Some	100	27	5,438	27	7,061	24	43,593	26								
		3	Quite a bit	136	37	7,958	39	11,696	38	65,108	38								
		4	Very much	96	26	5,372	25	9,229	30	46,451	27								
		Total		371	100	20,526	100	30,250	100	169,345	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	25	6	1,759	9	2,184	8	14,094	9	2.9	2.8	.10	2.9	.02	2.8	.08	
		2	Some	95	26	5,474	27	7,239	25	43,748	26								
		3	Quite a bit	141	38	7,801	38	11,617	38	64,749	38								
		4	Very much	111	29	5,464	26	9,192	29	46,545	27								
		Total		372	100	20,498	100	30,232	100	169,136	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	112	30	5,312	26	6,921	25	39,934	24	2.1	2.2 *	-0.10	2.3 **	-0.16	2.3 **	-0.15	
		2	Some	144	38	7,599	37	10,719	36	61,792	36								
		3	Quite a bit	69	19	5,007	25	8,082	26	44,449	26								
		4	Very much	47	13	2,567	13	4,479	14	22,774	13								
		Total		372	100	20,485	100	30,201	100	168,949	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	50	13	3,098	16	3,195	11	25,383	16	2.6	2.6	-0.04	2.8 ***	-0.23	2.6	-0.05	
		2	Some	129	35	5,955	29	7,652	26	46,929	28								
		3	Quite a bit	121	33	7,062	35	11,157	37	58,777	34								
		4	Very much	71	19	4,355	21	8,186	26	37,715	22								
		Total		371	100	20,470	100	30,190	100	168,804	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	99	26	4,246	21	5,190	18	32,417	20	2.2	2.4 ***	-0.19	2.4 ***	-0.28	2.4 ***	-0.23	
		2	Some	145	41	7,498	36	10,552	36	58,842	35								
		3	Quite a bit	90	24	5,798	28	9,288	30	51,347	30								
		4	Very much	37	10	2,932	14	5,185	16	26,215	15								
		Total		371	100	20,474	100	30,215	100	168,821	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	16	4	415	2	642	2	3,460	2	3.2	3.2	-.01	3.3	-.06	3.2	-.05	
		2	Disagree	24	6	1,684	8	2,265	8	13,447	8								
		3	Agree	200	54	11,397	55	15,740	52	90,684	53								
		4	Strongly agree	133	36	6,948	34	11,529	38	61,136	36								
		Total		373	100	20,444	100	30,176	100	168,727	100								
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	24	6	836	5	1,257	5	5,914	4	2.8	2.9 **	-.15	3.0 ***	-.20	3.0 ***	-.25	
		2	Disagree	87	24	3,874	19	5,088	18	27,159	17								
		3	Agree	195	52	11,720	57	16,644	54	95,426	56								
		4	Strongly agree	66	17	3,977	20	7,141	23	39,993	24								
		Total		372	100	20,407	100	30,130	100	168,492	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	25	7	907	5	1,310	5	6,742	4	2.8	2.9 *	-.10	3.0 ***	-.18	3.0 ***	-.18	
		2	Disagree	77	21	4,106	20	5,321	18	30,368	19								
		3	Agree	199	54	11,065	53	15,608	51	89,216	52								
		4	Strongly agree	71	18	4,353	21	7,931	26	42,370	25								
		Total		372	100	20,431	100	30,170	100	168,696	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 <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	0	77	0	149	1	662	0	16.5	14.7 ***	.23	14.9 ***	.20	15.0 ***	.18	
		3	1-5 hrs	21	6	2,552	13	3,694	13	19,580	12								
		8	6-10 hrs	71	19	4,501	22	6,546	22	35,558	21								
		13	11-15 hrs	85	23	4,621	23	6,608	22	37,194	22								
		18	16-20 hrs	86	23	3,963	19	5,790	19	33,373	20								
		23	21-25 hrs	57	17	2,244	11	3,543	12	20,430	12								
		28	26-30 hrs	19	5	1,178	6	1,761	6	10,343	6								
		33	More than 30 hrs	29	8	1,231	6	1,941	7	10,911	7								
		Total		370	100	20,367	100	30,032	100	168,051	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech	Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	159	43	8,756	44	11,104	38	64,653	41	4.9	4.5	.05	5.1	-.03	4.9	-.01
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	109	30	6,081	29	9,203	30	51,113	29							
	8	6-10 hrs	41	11	2,541	13	4,477	15	23,072	13								
	13	11-15 hrs	26	7	1,447	7	2,611	9	13,547	8								
	18	16-20 hrs	16	4	762	4	1,357	4	7,860	5								
	23	21-25 hrs	7	2	368	2	604	2	3,847	2								
	28	26-30 hrs	5	1	138	1	234	1	1,451	1								
	33	More than 30 hrs	6	2	220	1	387	1	2,124	1								
	Total			369	100	20,313	100	29,977	100	167,667	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	286	78	17,296	85	25,800	86	136,884	83	2.3	1.9	.09	1.8	.10	2.0	.06
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	26	7	495	2	633	2	6,521	3							
	8	6-10 hrs	31	8	853	4	1,045	3	9,901	5								
	13	11-15 hrs	7	2	758	4	1,144	4	6,925	4								
	18	16-20 hrs	7	2	583	3	781	3	4,551	3								
	23	21-25 hrs	5	1	195	1	327	1	1,622	1								
	28	26-30 hrs	3	1	64	0	95	0	457	0								
	33	More than 30 hrs	3	1	76	0	162	1	893	1								
	Total			368	100	20,320	100	29,987	100	167,754	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	211	58	12,339	61	20,061	67	108,578	64	6.9	6.8	.01	5.7 *	.13	6.6	.03
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	5	1,039	5	1,320	4	8,234	5							
	8	6-10 hrs	28	7	1,240	6	1,544	5	9,324	5								
	13	11-15 hrs	27	8	1,342	6	1,649	5	9,605	6								
	18	16-20 hrs	36	10	1,478	7	1,806	6	10,383	6								
	23	21-25 hrs	26	7	1,198	6	1,448	5	7,703	5								
	28	26-30 hrs	13	3	655	3	876	3	4,530	3								
	33	More than 30 hrs	11	3	1,036	6	1,310	5	9,517	7								
	Total			369	100	20,327	100	30,014	100	167,874	100							
Estimated number of hours working for pay	tmworkhrs										9.2	8.6	.05	7.4 **	.15	8.5	.06	
	(Continuous variable created by NSSE)																	

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	242	66	13,031	65	18,107	61	106,268	64	1.9	2.2	-.05	2.4	-.09	2.2	-.07	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	88	23	5,086	24	8,234	27	43,524	25								
	8	6-10 hrs	22	6	1,135	6	1,840	6	8,869	5									
	13	11-15 hrs	7	2	508	3	928	3	4,406	3									
	18	16-20 hrs	7	2	273	1	445	2	2,282	1									
	23	21-25 hrs	3	1	152	1	226	1	1,171	1									
	28	26-30 hrs	0	0	44	0	64	0	409	0									
	33	More than 30 hrs	0	0	89	0	153	1	847	1									
	Total			369	100	20,318	100	29,997	100	167,776	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	1	412	2	581	2	3,572	2	13.0	12.7	.03	12.9	.02	12.4	.07	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	72	19	4,138	20	5,879	19	35,372	21								
	8	6-10 hrs	93	25	5,390	26	8,027	26	45,322	26									
	13	11-15 hrs	85	23	4,262	21	6,397	21	35,167	21									
	18	16-20 hrs	59	16	2,770	14	4,173	14	22,703	14									
	23	21-25 hrs	19	5	1,367	7	1,921	6	10,467	6									
	28	26-30 hrs	14	4	586	3	818	3	4,598	3									
	33	More than 30 hrs	23	7	1,405	7	2,223	8	10,603	7									
	Total			370	100	20,330	100	30,019	100	167,804	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	281	76	15,219	75	23,500	78	124,348	73	2.1	2.7 *	-0.09	2.4	-0.05	3.4 ***	-.17	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	47	13	2,271	11	2,811	9	17,869	11								
	8	6-10 hrs	17	5	1,011	5	1,258	4	7,897	5									
	13	11-15 hrs	8	2	677	3	938	3	5,498	3									
	18	16-20 hrs	7	2	377	2	448	2	3,161	2									
	23	21-25 hrs	5	1	218	1	282	1	1,826	1									
	28	26-30 hrs	0	0	77	0	117	0	877	1									
	33	More than 30 hrs	4	1	449	2	620	2	6,102	4									
	Total			369	100	20,299	100	29,974	100	167,578	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	98	27	8,972	44	12,548	40	84,326	49	3.7	3.8	-0.01	4.1	-0.07	3.5	.03	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	202	55	7,274	36	10,904	37	53,054	32								
		8	6-10 hrs	53	14	2,166	11	3,412	12	15,811	10								
		13	11-15 hrs	4	1	907	4	1,483	5	6,877	4								
		18	16-20 hrs	7	2	416	2	687	2	3,284	2								
		23	21-25 hrs	2	1	220	1	373	1	1,682	1								
		28	26-30 hrs	2	1	93	0	151	1	710	0								
		33	More than 30 hrs	2	1	280	1	471	2	2,117	1								
		Total			370	100	20,328	100	30,029	100	167,861	100							
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	62	17	2,768	14	4,715	16	18,415	12	2.3	2.6 ***	-0.26	2.5 ***	-0.19	2.7 ***	-0.37	
		2	Some	178	49	7,547	37	11,465	38	56,900	35								
		3	About half	78	21	5,637	28	7,990	27	48,906	29								
		4	Most	37	10	3,163	15	4,221	14	31,524	18								
		5	Almost all	13	3	1,135	6	1,540	5	11,743	7								
			Total	368	100	20,250	100	29,931	100	167,488	100								
	tmreadinghrs										5.8	6.3	-0.09	6.0	-0.05	6.8 ***	-0.17		
	(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)																		
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	2	0	75	0	145	1	645	0	5.8	6.3	-0.09	6.0	-0.05	6.8 ***	-0.17	
		2	More than zero, up to 5 hrs	205	56	10,908	54	16,562	56	80,870	50								
		3	More than 5, up to 10 hrs	113	31	5,621	28	8,128	27	49,761	29								
		4	More than 10, up to 15 hrs	29	8	1,823	9	2,573	8	17,803	10								
		5	More than 15, up to 20 hrs	8	2	899	4	1,278	4	9,387	5								
		6	More than 20, up to 25 hrs	6	1	601	3	812	3	5,965	3								
		7	More than 25 hrs	4	1	253	1	315	1	2,394	1								
			Total	367	100	20,180	100	29,813	100	166,825	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
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	52	14	1,603	8	2,394	9	11,435	7	2.6	2.7 ***	-0.19	2.7 ***	-0.19	2.8 ***	-0.25	▽
		2	Some	112	31	6,058	30	8,432	29	46,631	28								
		3	Quite a bit	144	39	8,410	41	12,237	40	71,476	42								
		4	Very much	61	17	4,159	21	6,812	22	37,613	23								
		Total		369	100	20,230	100	29,875	100	167,155	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	53	14	2,606	13	3,687	14	18,747	12	2.6	2.6	.00	2.6	-0.02	2.7	-0.06	
		2	Some	117	31	6,536	32	9,050	31	51,971	31								
		3	Quite a bit	126	35	7,400	36	10,872	35	62,513	37								
		4	Very much	72	19	3,663	18	6,230	20	33,713	20								
		Total		368	100	20,205	100	29,839	100	166,944	100								
c. Thinking critically and analytically	pgthink	1	Very little	26	7	727	4	1,085	4	5,238	4	3.0	3.0	-0.05	3.0	-0.07	3.1	-0.11	
		2	Some	76	20	4,199	21	5,862	20	31,970	20								
		3	Quite a bit	149	41	9,163	45	13,124	43	75,039	44								
		4	Very much	116	31	6,104	30	9,765	32	54,734	33								
		Total		367	100	20,193	100	29,836	100	166,981	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	38	9	2,572	12	3,068	11	20,787	12	2.7	2.6	.10	2.7	.01	2.7	.06	
		2	Some	113	30	6,406	31	8,684	29	51,071	30								
		3	Quite a bit	138	38	7,241	36	11,130	37	59,744	36								
		4	Very much	80	22	3,980	20	6,936	23	35,299	22								
		Total		369	100	20,199	100	29,818	100	166,901	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	45	13	3,142	16	4,210	15	23,254	15	2.6	2.5 *	.11	2.6	.07	2.6	.05	△
		2	Some	125	34	6,767	33	9,535	32	54,198	32								
		3	Quite a bit	115	32	6,689	33	10,139	33	56,756	34								
		4	Very much	83	22	3,605	18	5,956	19	32,744	20								
		Total		368	100	20,203	100	29,840	100	166,952	100								
f. Working effectively with others	pgothers	1	Very little	61	16	1,873	10	2,595	10	13,217	9	2.6	2.7 **	-0.18	2.8 ***	-0.21	2.8 ***	-0.23	▽
		2	Some	117	33	5,860	29	8,150	28	46,381	28								
		3	Quite a bit	111	29	7,977	39	11,715	38	66,818	39								
		4	Very much	79	22	4,489	22	7,378	24	40,495	24								
		Total		368	100	20,199	100	29,838	100	166,911	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	75	21	2,596	13	3,568	14	18,220	12	2.5	2.5	2.6 **	-0.17	2.7 ***	-0.20	2.7 ***	-0.24								
		2	Some	113	30	6,285	31	8,448	29	48,210	29			▽		▽		▽									
		3	Quite a bit	111	29	7,307	36	11,023	36	62,923	37																
		4	Very much	69	19	3,997	20	6,743	21	37,432	22																
		Total		368	100	20,185	100	29,782	100	166,785	100																
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	64	18	2,115	11	2,827	11	15,021	10	2.4	2.4	2.7 ***	-0.34	2.8 ***	-0.36	2.8 ***	-0.39								
		2	Some	139	38	5,715	28	8,073	28	45,239	27			▽		▽		▽									
		3	Quite a bit	104	28	7,403	36	11,024	36	62,815	37																
		4	Very much	59	16	4,973	25	7,899	26	43,832	26																
		Total		366	100	20,206	100	29,823	100	166,907	100																
i. Solving complex real-world problems	pgprobsolve	1	Very little	54	15	2,548	13	3,474	13	18,761	12	2.5	2.5	2.6	-0.06	2.6 *	-0.11	2.6 *	-0.11								
		2	Some	140	38	6,883	34	9,304	32	54,586	33																
		3	Quite a bit	99	26	6,993	34	10,606	35	59,681	35					▽		▽									
		4	Very much	74	21	3,781	19	6,436	21	33,902	20																
		Total		367	100	20,205	100	29,820	100	166,930	100																
j. Being an informed and active citizen	pgcitizen	1	Very little	68	19	2,714	14	3,596	13	19,420	12	2.4	2.4	2.6 ***	-0.18	2.6 ***	-0.23	2.6 ***	-0.24								
		2	Some	139	38	6,705	33	9,219	31	53,094	32			▽		▽		▽									
		3	Quite a bit	95	25	6,945	34	10,484	34	59,242	35																
		4	Very much	65	17	3,878	19	6,561	21	35,383	21																
		Total		367	100	20,242	100	29,860	100	167,139	100																
19. How would you evaluate your entire educational experience at this institution?																											
	evalexp	1	Poor	13	4	503	3	715	3	3,655	3	3.0	3.0	3.0	-0.04	3.1 *	-0.12	3.1 **	-0.14								
		2	Fair	63	18	3,532	18	4,536	16	24,659	16																
		3	Good	195	53	10,827	52	14,858	49	84,393	50							▽		▽							
		4	Excellent	95	26	5,442	27	9,880	32	54,929	32																
		Total		366	100	20,304	100	29,989	100	167,636	100																
20. If you could start over again, would you go to the same institution you are now attending?																											
	sameinst	1	Definitely no	14	4	692	4	1,021	4	5,487	3	3.2	3.2	3.1	.03	3.2	-0.05	3.2	-0.04								
		2	Probably no	52	14	2,798	14	3,676	13	21,120	13																
		3	Probably yes	157	44	9,539	47	12,669	43	74,210	44																
		4	Definitely yes	143	38	7,364	36	12,751	41	67,434	40																
		Total		366	100	20,393	100	30,117	100	168,251	100																

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
21. Do you intend to return to this institution next year?^f																			
	returnexp	No		11	3	848	4	1,075	4	6,075	4	92%							
		Yes	(Means indicate the percentage who responded "Yes.")	337	92	17,919	87	27,106	89	149,341	88		87% **	.18	89% *	.11	88% *	.14	
		Not sure		19	5	1,690	9	2,008	7	13,121	8		△		△		△		
		Total		367	100	20,457	100	30,189	100	168,537	100								
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																			
	covidexp	1	Very little	23	6	616	7	852	8	4,259	7	3.1							
		2	Some	79	22	2,065	22	2,622	23	14,390	20		3.0	.08	2.9 *	.11	3.0	.02	
		3	Quite a bit	122	32	3,474	37	4,485	36	26,046	36				△				
		4	Very much	144	40	3,125	34	4,330	33	26,688	37								
		Total		368	100	9,280	100	12,289	100	71,383	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				NSSE 2020 & 2021				Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	20	4	1,027	4	1,623	4	7,554	3	3.0	3.0	.03	3.0	.03	3.0	-.01									
		2	Sometimes	159	26	9,137	30	13,625	29	68,861	28																
		3	Often	220	36	9,762	32	15,337	32	80,385	32																
		4	Very often	213	34	10,442	34	17,264	35	93,105	37																
		Total		612	100	30,368	100	47,849	100	249,905	100																
b. Asked another student to help you understand course material	CLaskhelp	1	Never	56	10	4,736	17	7,056	15	40,151	17	2.7	2.4 ***	.26	2.5 ***	.21	2.4 ***	.30									
		2	Sometimes	226	37	12,256	41	19,206	41	102,244	41																
		3	Often	177	29	8,132	26	13,040	28	67,002	26																
		4	Very often	150	24	5,044	16	8,222	17	39,128	15																
		Total		609	100	30,168	100	47,524	100	248,525	100																
c. Explained course material to one or more students	CLexplain	1	Never	34	6	2,721	9	3,984	8	23,574	10	2.8	2.7 ***	.14	2.7	.08	2.6 ***	.17									
		2	Sometimes	200	34	10,893	36	16,740	35	89,567	36																
		3	Often	224	36	10,368	34	16,360	35	85,193	34																
		4	Very often	152	24	6,156	20	10,355	22	49,923	20																
		Total		610	100	30,138	100	47,439	100	248,257	100																
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	104	18	6,804	23	9,654	20	54,911	23	2.5	2.4 ***	.15	2.5	.06	2.4 ***	.16									
		2	Sometimes	199	32	10,045	33	15,596	33	83,103	34																
		3	Often	168	28	7,744	26	12,618	27	64,500	26																
		4	Very often	136	22	5,374	18	9,316	20	44,502	18																
		Total		607	100	29,967	100	47,184	100	247,016	100																
e. Worked with other students on course projects or assignments	CLproject	1	Never	36	7	2,831	10	4,329	9	23,428	10	2.9	2.8 ***	.17	2.8 **	.11	2.7 ***	.19									
		2	Sometimes	149	25	8,911	30	13,666	29	72,654	30																
		3	Often	219	35	10,096	34	15,929	34	84,483	34																
		4	Very often	200	32	8,013	27	13,081	28	65,601	26																
		Total		604	100	29,851	100	47,005	100	246,166	100																
f. Given a course presentation	present	1	Never	85	15	4,631	16	7,000	15	32,581	14	2.5	2.5	.04	2.6	-.01	2.6	-.03									
		2	Sometimes	209	35	10,702	36	16,411	35	82,109	34																
		3	Often	190	31	8,650	29	13,689	29	75,813	30																
		4	Very often	120	19	5,786	19	9,840	21	55,263	22																
		Total		604	100	29,769	100	46,940	100	245,766	100																

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	25	5	1,449	5	2,419	5	11,251	5	3.0	2.9 *	.09	2.9 *	.08	2.9 *	.09	△	△	△	△					
		2	Sometimes	148	26	8,279	29	13,080	28	67,844	28																
		3	Often	239	39	11,787	39	18,183	39	97,837	40																
		4	Very often	186	30	7,937	27	12,729	27	66,526	27																
		Total		598	100	29,452	100	46,411	100	243,458	100																
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	68	12	2,663	10	3,953	10	17,545	8	2.6	2.7 **	-.13	2.7 **	-.13	2.8 ***	-.19	▽	▽	▽	▽					
		2	Sometimes	218	37	9,368	32	14,783	33	74,501	31																
		3	Often	178	30	10,295	34	16,027	34	87,700	35																
		4	Very often	131	21	7,000	23	11,373	24	62,442	25																
		Total		595	100	29,326	100	46,136	100	242,188	100																
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	146	27	4,608	17	6,656	16	29,030	14	2.2	2.5 ***	-.28	2.6 ***	-.31	2.6 ***	-.38	▽	▽	▽	▽					
		2	Sometimes	211	36	9,835	34	15,420	34	79,699	33																
		3	Often	146	24	8,471	28	13,585	29	76,758	31																
		4	Very often	85	13	6,176	21	10,079	21	55,143	22																
		Total		588	100	29,090	100	45,740	100	240,630	100																
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	44	8	1,676	6	2,409	6	11,260	5	2.7	2.8 *	-.09	2.8 **	-.12	2.8 **	-.13	▽	▽	▽	▽					
		2	Sometimes	184	32	8,624	30	13,217	29	68,703	29																
		3	Often	231	40	12,181	42	18,937	42	103,002	43																
		4	Very often	124	20	6,344	22	10,776	23	55,756	23																
		Total		583	100	28,825	100	45,339	100	238,721	100																
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	38	7	1,075	4	1,615	4	7,151	3	2.8	3.0 ***	-.17	3.0 ***	-.19	3.0 ***	-.20	▽	▽	▽	▽					
		2	Sometimes	168	30	6,888	25	10,622	24	55,025	24																
		3	Often	219	38	12,390	43	19,392	43	105,361	44																
		4	Very often	149	25	8,078	28	13,038	29	68,329	29																
		Total		574	100	28,431	100	44,667	100	235,866	100																
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	24	5	804	3	1,227	3	5,463	3	2.9	2.9 *	-.09	2.9 **	-.11	3.0 **	-.13	▽	▽	▽	▽					
		2	Sometimes	167	29	7,614	27	11,640	27	59,915	26																
		3	Often	239	43	12,172	43	18,973	43	103,095	44																
		4	Very often	136	24	7,493	26	12,200	27	64,727	27																
		Total		566	100	28,083	100	44,040	100	233,200	100																

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	12	2	354	1	564	1	2,548	1	3.1	3.2	-.06	3.2	-.06	3.2 *	▽	-.09
		2	Sometimes	97	18	4,528	17	7,287	17	35,702	16								
		3	Often	254	45	12,814	46	19,958	45	107,151	46								
		4	Very often	200	34	10,054	36	15,744	36	85,608	37								
		Total		563	100	27,750	100	43,553	100	231,009	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	91	17	5,577	21	7,959	19	41,188	19	2.6	2.4 ***	.19	2.4 **	.14	2.4 ***	.16	
		2	Sometimes	195	35	10,985	40	16,829	39	90,788	39								
		3	Often	140	24	6,209	22	10,217	23	55,667	23								
		4	Very often	138	24	4,936	17	8,500	19	43,207	18								
		Total		564	100	27,707	100	43,505	100	230,850	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	195	36	12,388	46	18,364	43	98,379	44	2.1	1.9 ***	.20	2.0 **	.14	1.9 ***	.18	
		2	Sometimes	183	33	8,115	29	12,819	29	69,280	29								
		3	Often	94	17	4,122	15	6,778	15	36,408	15								
		4	Very often	86	15	2,952	11	5,355	12	25,865	11								
		Total		558	100	27,577	100	43,316	100	229,932	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	145	26	8,594	32	12,558	29	65,972	30	2.2	2.1 ***	.16	2.1 *	.09	2.1 **	.13	
		2	Sometimes	213	38	10,895	39	16,700	39	90,701	39								
		3	Often	118	21	5,011	18	8,497	20	46,174	20								
		4	Very often	80	14	2,843	11	5,202	12	25,388	11								
		Total		556	100	27,343	100	42,957	100	228,235	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	140	26	7,098	26	10,109	25	54,411	25	2.2	2.1 *	.10	2.2	.05	2.2	.06	
		2	Sometimes	209	37	11,809	43	18,393	43	98,932	43								
		3	Often	129	24	5,581	20	9,290	21	49,593	21								
		4	Very often	76	13	2,859	11	5,185	12	25,372	11								
		Total		554	100	27,347	100	42,977	100	228,308	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	51	10	2,067	8	2,821	7	18,487	8	2.8	2.8	-.02	2.8 *	-.09	2.7	.01	
		2	Some	153	28	8,173	30	12,124	28	70,159	31								
		3	Quite a bit	215	39	10,688	39	17,000	40	88,209	39								
		4	Very much	133	23	6,247	23	10,735	25	50,029	22								
		Total		552	100	27,175	100	42,680	100	226,884	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				NSSE 2020 & 2021				Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	5	928	4	1,350	3	6,821	3	3.1	3.0	.03	3.1	.00	3.0	.01									
		2	Some	104	19	5,686	21	8,558	20	45,933	21																
		3	Quite a bit	228	42	11,849	44	18,604	44	100,920	44																
		4	Very much	197	34	8,580	32	13,938	33	72,232	32																
		Total		553	100	27,043	100	42,450	100	225,906	100																
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	40	8	1,092	4	1,554	4	7,583	4	2.9	3.0	-.08	3.0 *	-.11	3.0 *	-.12									
		2	Some	127	23	6,155	23	9,198	22	48,651	22																
		3	Quite a bit	207	38	11,393	42	17,898	42	96,955	43																
		4	Very much	173	31	8,132	31	13,399	32	70,692	31																
		Total		547	100	26,772	100	42,049	100	223,881	100																
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	51	10	1,670	7	2,346	6	10,681	5	2.8	2.9 **	-.13	2.9 ***	-.15	2.9 ***	-.19									
		2	Some	148	27	6,637	25	9,981	25	51,889	24																
		3	Quite a bit	208	38	11,043	41	17,391	41	95,493	42																
		4	Very much	139	25	7,277	27	12,129	28	64,691	29																
		Total		546	100	26,627	100	41,847	100	222,754	100																
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	38	7	1,237	5	1,823	5	8,319	4	2.8	2.9 *	-.11	2.9 **	-.12	3.0 ***	-.15									
		2	Some	141	27	6,494	25	9,881	24	50,947	23																
		3	Quite a bit	221	41	11,556	43	17,988	43	99,435	44																
		4	Very much	141	25	7,206	27	11,976	28	63,144	28																
		Total		541	100	26,493	100	41,668	100	221,845	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	20	4	776	3	1,127	3	5,379	3	3.0	3.1	-.06	3.1 *	-.09	3.1 *	-.11									
		2	Some	112	21	5,310	20	7,883	19	40,108	19																
		3	Quite a bit	221	42	11,139	42	17,344	42	94,839	43																
		4	Very much	182	33	9,121	35	15,015	36	80,116	36																
		Total		535	100	26,346	100	41,369	100	220,442	100																
b. Taught course sessions in an organized way	ETorganize	1	Very little	34	7	1,352	5	2,002	5	9,719	5	2.9	3.0 *	-.09	3.0 **	-.12	3.0 **	-.14									
		2	Some	123	23	5,781	22	8,620	21	43,950	20																
		3	Quite a bit	225	42	10,992	41	17,043	41	93,983	42																
		4	Very much	153	28	8,146	31	13,574	32	72,255	33																
		Total		535	100	26,271	100	41,239	100	219,907	100																

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				NSSE 2020 & 2021				Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	18	4	1,182	5	1,701	4	8,306	4	3.0	3.0	.02	3.1	-.02	3.1	-.02									
		2	Some	110	20	5,647	22	8,452	20	43,699	20																
		3	Quite a bit	228	44	10,566	40	16,323	40	89,440	40																
		4	Very much	179	32	8,837	34	14,705	35	78,135	35																
		Total		535	100	26,232	100	41,181	100	219,580	100																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	59	12	2,994	12	4,218	11	20,948	10	2.7	2.7	.00	2.8	-.04	2.8	-.05									
		2	Some	155	29	7,717	30	11,220	28	60,374	28																
		3	Quite a bit	179	35	8,579	33	13,782	33	75,652	34																
		4	Very much	139	25	6,887	26	11,868	28	62,259	28																
		Total		532	100	26,177	100	41,088	100	219,233	100																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	53	10	2,503	10	3,556	9	17,635	9	2.8	2.8	.03	2.8	.00	2.8	-.03									
		2	Some	136	25	7,774	30	11,524	29	61,117	28																
		3	Quite a bit	215	42	9,548	36	14,933	36	82,422	37																
		4	Very much	127	23	6,279	24	10,943	26	57,421	26																
		Total		531	100	26,104	100	40,956	100	218,595	100																
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	25	5	665	5	804	5	4,058	5	3.0	3.0	.01	3.0	.03	3.0	-.03									
		2	Some	107	21	2,993	23	3,822	23	19,910	22																
		3	Quite a bit	226	43	5,172	39	6,571	39	37,854	40																
		4	Very much	166	31	4,279	33	5,486	32	31,627	34																
		Total		524	100	13,109	100	16,683	100	93,449	100																
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	21	4	609	5	740	5	3,672	4	3.0	3.0	.01	3.0	.03	3.0	-.03									
		2	Some	116	22	2,950	23	3,806	23	19,704	22																
		3	Quite a bit	231	44	5,570	42	6,959	42	40,104	43																
		4	Very much	160	29	3,916	30	5,150	30	29,724	31																
		Total		528	100	13,045	100	16,655	100	93,204	100																
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	53	10	1,617	13	1,933	13	9,362	11	2.7	2.6 *	.09	2.6 *	.08	2.7	.00									
		2	Some	151	30	4,374	33	5,424	33	29,006	32																
		3	Quite a bit	219	41	4,526	34	5,855	34	34,619	36																
		4	Very much	102	19	2,504	19	3,394	20	20,036	21																
		Total		525	100	13,021	100	16,606	100	93,023	100																

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				NSSE 2020 & 2021				Statistical Comparisons ^b						
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	22	5	457	4	565	4	3,043	4	3.1	3.1	-.01	3.1	-.01	3.1	-.03
		2	Some	93	18	2,383	18	3,045	19	16,093	18							
		3	Quite a bit	213	41	5,468	42	6,825	41	39,278	42							
		4	Very much	196	37	4,711	36	6,142	36	34,516	37							
		Total		524	100	13,019	100	16,577	100	92,930	100							
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	39	7	2,936	11	4,209	10	23,782	11	2.8	2.6 ***	.15	2.7 *	.10	2.7 **	.13
		2	Sometimes	165	31	8,990	34	13,424	33	74,117	34							
		3	Often	191	38	8,751	35	14,374	36	75,650	36							
		4	Very often	119	23	4,910	20	8,219	21	41,429	20							
		Total		514	100	25,587	100	40,226	100	214,978	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	91	18	4,848	19	7,108	18	37,485	18	2.5	2.4 *	.10	2.5	.06	2.5	.06
		2	Sometimes	168	32	9,382	36	14,325	36	78,366	36							
		3	Often	155	30	7,318	29	11,889	29	63,667	30							
		4	Very often	101	19	3,912	16	6,718	17	34,580	17							
		Total		515	100	25,460	100	40,040	100	214,098	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	72	14	4,394	17	6,336	16	34,596	16	2.5	2.4 **	.12	2.5	.05	2.4	.08
		2	Sometimes	192	37	9,951	39	15,136	37	81,653	38							
		3	Often	161	32	7,524	30	12,304	31	65,946	31							
		4	Very often	88	17	3,491	14	6,088	16	31,099	15							
		Total		513	100	25,360	100	39,864	100	213,294	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 <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	62	12	2,073	8	3,369	9	13,326	7	6.5	7.0	-.08	6.8	-.04	7.6 ***	-.16
		1.5	1-2	112	22	4,925	19	8,161	21	36,941	18							
		4	3-5	146	29	7,272	29	11,539	29	60,592	28							
		8	6-10	79	16	5,221	21	8,162	21	46,771	22							
		13	11-15	43	8	2,527	10	3,864	10	23,280	11							
		18	16-20	23	4	1,260	5	1,896	5	12,212	6							
		23	More than 20	43	8	1,980	8	2,801	7	19,565	9							
		Total		508	100	25,258	100	39,792	100	212,687	100							

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Tennessee Technological University

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Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Between 6 and 10 pages	wrmednum	0	None	175	35	7,502	30	12,091	31	51,987	26	2.9	3.2	-0.06	3.2	-0.05	3.6 **	▽	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	162	32	8,075	32	12,672	32	68,392	32								
		4	3-5	105	20	5,313	21	8,336	21	50,529	23								
		8	6-10	37	8	2,611	10	3,992	10	24,923	12								
		13	11-15	14	3	924	4	1,427	3	8,862	4								
		18	16-20	8	2	326	1	509	1	3,260	2								
		23	More than 20	8	2	385	2	602	2	3,906	2								
	Total			509	100	25,136	100	39,629	100	211,859	100								
c. 11 pages or more	wrlongnum	0	None	283	56	13,722	55	21,674	54	103,626	50	1.7	1.8	-0.02	1.8	-0.02	2.0	-0.07	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	149	29	7,236	28	11,223	28	68,342	31								
		4	3-5	32	6	2,269	9	3,597	9	22,019	10								
		8	6-10	26	5	893	4	1,526	4	8,663	4								
		13	11-15	7	1	576	2	905	2	4,986	2								
		18	16-20	2	0	187	1	302	1	1,770	1								
		23	More than 20	8	2	319	1	485	1	2,929	1								
	Total			507	100	25,202	100	39,712	100	212,335	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									69.3	73.4	-0.04	72.7	-0.04	81.3 **	▽	
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	42	9	1,640	7	2,079	5	11,742	6	2.8	2.9 *	-0.11	3.1 ***	-0.29	3.0 ***	-0.20	
		2	Sometimes	148	29	6,805	27	8,562	21	51,888	24								
		3	Often	161	31	7,640	30	11,942	30	65,385	31								
		4	Very often	157	31	9,121	36	17,118	43	83,283	39								
		Total		508	100	25,206	100	39,701	100	212,298	100								
b. People from an economic background other than your own	DDeconomic	1	Never	21	5	1,330	6	1,841	5	10,402	5	3.0	3.0	.04	3.1 *	-0.09	3.0	-0.01	
		2	Sometimes	111	22	6,418	26	8,618	22	51,011	24								
		3	Often	213	42	8,956	35	13,733	35	74,940	35								
		4	Very often	158	31	8,426	33	15,429	39	75,346	36								
		Total		503	100	25,130	100	39,621	100	211,699	100								

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Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. People with religious beliefs other than your own	DDreligion	1	Never	41	8	1,792	8	2,547	7	15,524	7	2.8	2.9	-.06	3.0 ***	-.17	2.9	-.08	
		2	Sometimes	138	29	6,851	28	9,836	25	57,700	27								
		3	Often	177	34	8,195	32	12,336	31	67,177	32								
		4	Very often	150	29	8,294	33	14,891	38	71,284	34								
		Total		506	100	25,132	100	39,610	100	211,685	100								
d. People with political views other than your own	DDpolitical	1	Never	27	5	1,927	8	2,635	7	16,134	8	3.0	2.9 **	.14	3.0	.03	2.9 **	.14	
		2	Sometimes	122	25	7,449	30	10,406	26	63,430	30								
		3	Often	180	36	7,834	31	12,282	31	65,579	31								
		4	Very often	177	34	7,934	31	14,310	36	66,716	32								
		Total		506	100	25,144	100	39,633	100	211,859	100								
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	30	7	864	4	1,112	3	5,569	3	2.9	3.0 ***	-.19	3.1 ***	-.25	3.1 ***	-.27	
		2	Sometimes	128	26	5,578	22	8,036	21	42,054	20								
		3	Often	211	42	10,601	42	16,644	42	90,935	43								
		4	Very often	130	25	7,965	32	13,660	34	72,300	34								
		Total		499	100	25,008	100	39,452	100	210,858	100								
b. Reviewed your notes after class	LSnotes	1	Never	34	7	1,834	7	2,342	7	15,176	7	3.0	2.8 **	.13	2.9	.05	2.9 **	.12	
		2	Sometimes	113	23	7,414	30	10,598	28	62,345	30								
		3	Often	172	34	8,361	33	13,172	33	70,058	33								
		4	Very often	178	35	7,389	29	13,284	33	63,109	30								
		Total		497	100	24,998	100	39,396	100	210,688	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	39	8	1,797	7	2,249	6	13,227	7	2.9	2.8	.06	2.9	-.02	2.9	.03	
		2	Sometimes	119	24	7,319	29	10,328	27	60,211	29								
		3	Often	189	38	9,108	36	14,669	36	78,956	37								
		4	Very often	150	29	6,776	27	12,138	30	58,298	28								
		Total		497	100	25,000	100	39,384	100	210,692	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	16	4	313	1	483	1	2,292	1	5.4	5.5	-0.03	5.5	-0.04	5.5	-0.06	
		2		12	3	441	2	695	2	3,302	2								
		3		21	4	1,249	5	1,976	5	9,720	5								
		4		46	10	2,794	11	4,413	11	22,580	11								
		5		137	28	7,155	29	10,525	27	59,184	28								
		6		95	19	5,910	24	9,214	24	52,312	25								
		7	Very much	166	32	6,961	28	11,824	29	60,010	28								
			Total	493	100	24,823	100	39,130	100	209,400	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a.	Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	54	11	2,595	11	4,144	11	22,151	11	48%	.4	.08	.5	.04	.5	.05	
			Do not plan to do	88	19	4,076	17	6,489	17	34,451	17								
			Plan to do	107	22	6,795	28	10,299	26	52,465	26								
			Done or in progress	243	48	11,319	44	18,109	46	100,038	46								
			Total	492	100	24,785	100	39,041	100	209,105	100								
b.	Hold a formal leadership role in a student organization or group	leader	Have not decided	58	12	3,055	13	4,747	12	26,024	13	37%	.3 *	.10	.3	.06	.3	.09	
			Do not plan to do	215	43	11,266	47	17,589	45	92,918	45								
			Plan to do	37	8	2,176	9	3,577	9	18,055	9								
			Done or in progress	183	37	8,223	32	13,071	34	71,660	33								
			Total	493	100	24,720	100	38,984	100	208,657	100								
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided	73	15	3,680	15	5,760	15	31,665	15	23%	.2	.01	.2	.02	.2	.03	
			Do not plan to do	259	53	12,658	52	20,118	53	107,235	52								
			Plan to do	42	9	2,532	10	4,164	10	21,955	11								
			Done or in progress	115	23	5,779	23	8,826	22	47,039	22								
			Total	489	100	24,649	100	38,868	100	207,894	100								
d.	Participate in a study abroad program	abroad	Have not decided	52	11	3,128	13	4,957	13	25,648	13	6%	.1 **	-0.14	.1 ***	-0.24	.1 ***	-0.23	
			Do not plan to do	386	78	17,104	69	26,099	67	138,916	67								
			Plan to do	23	5	1,959	8	3,320	8	15,394	8								
			Done or in progress	29	6	2,461	10	4,498	12	28,058	12								
			Total	490	100	24,652	100	38,874	100	208,016	100								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	77	16	4,180	17	6,414	16	33,200	16	27%	△	.2 ***	.17	.2 *	.10	.2 **	.12								
			Do not plan to do	226	45	12,219	49	18,626	47	102,235	49																
			Plan to do	55	12	3,202	13	5,123	13	24,719	12																
			Done or in progress	132	27	5,049	20	8,710	23	47,787	22																
			Total	490	100	24,650	100	38,873	100	207,941	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	42	8	2,771	12	4,121	11	20,925	11	49%	△	.4 ***	.17	.4 **	.14	.4 *	.10								
			Do not plan to do	90	18	4,949	20	8,091	22	41,788	21																
			Plan to do	118	24	6,642	27	10,131	26	49,692	25																
			Done or in progress	241	49	10,285	41	16,500	42	95,521	44																
			Total	491	100	24,647	100	38,843	100	207,926	100																
12. About how many of your courses at this institution have included a community-based project (service-learning)?													1.7	1.7	.05	1.7	.05	1.7	.01								
servcourse	1 None	189	40	10,281	43	15,732	42	78,917	40																		
	2 Some	237	48	11,358	46	18,267	47	102,127	48																		
	3 Most	49	9	2,363	9	3,705	9	21,044	10																		
	4 All	13	2	552	2	993	2	4,978	2																		
Total	488	100	24,554	100	38,697	100	207,066	100																			
13. Indicate the quality of your interactions with the following people at your institution.													5.8	5.5 ***	.18	5.6 **	.14	5.6 ***	.15								
a. Students	QIstudent	1 Poor	7	2	397	2	628	2	3,116	2																	
		2	6	1	426	2	667	2	3,677	2																	
		3	16	3	1,056	4	1,587	4	8,445	4																	
		4	30	6	2,500	10	3,826	10	20,295	10																	
		5	114	24	6,107	25	9,188	24	49,166	24																	
		6	123	25	6,746	27	10,122	26	56,611	27																	
		7 Excellent	185	37	6,831	28	11,796	30	60,909	29																	
		— Not applicable	9	2	495	2	852	2	4,941	3																	
Total	490	100	24,558	100	38,666	100	207,160	100																			

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	Qladvisor	1	Poor	25	5	1,346	5	1,827	5	9,025	5	5.4	5.2 *	.12	5.2	.08	5.3	.05	△								
		2		22	4	1,345	5	1,883	5	9,297	5																
		3		23	5	1,972	8	2,806	7	14,538	7																
		4		51	10	3,016	12	4,659	12	24,216	12																
		5		88	18	4,481	18	7,040	18	37,266	18																
		6		93	19	4,588	18	7,230	19	40,611	19																
		7	Excellent	176	36	7,422	31	12,661	33	68,685	33																
		—	Not applicable	10	2	363	2	549	1	3,334	2																
	Total	488	100	24,533	100	38,655	100	206,972	100																		
c. Faculty	QIfaculty	1	Poor	11	2	511	2	783	2	3,501	2	5.5	5.4	.09	5.4	.06	5.5	.02									
		2		12	3	646	3	937	3	4,513	2																
		3		25	6	1,350	5	1,916	5	9,703	5																
		4		52	11	2,965	12	4,539	12	22,770	11																
		5		98	20	5,944	24	8,906	23	47,239	23																
		6		120	25	6,600	26	10,292	27	57,744	27																
		7	Excellent	164	33	6,281	26	10,809	28	59,273	28																
		—	Not applicable	6	1	233	1	441	1	2,176	1																
	Total	488	100	24,530	100	38,623	100	206,919	100																		
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	34	7	1,120	5	1,686	5	9,176	5	5.0	4.9	.05	5.0	.00	5.0	.01									
		2		17	4	1,061	4	1,538	4	8,697	4																
		3		22	4	1,665	7	2,448	7	14,023	7																
		4		48	9	3,058	12	4,727	12	25,329	12																
		5		86	17	4,336	17	6,867	18	37,148	17																
		6		79	17	4,066	16	6,486	17	35,531	17																
		7	Excellent	106	22	4,275	18	7,778	20	40,050	19																
		—	Not applicable	98	19	4,955	21	7,070	18	36,836	19																
	Total	490	100	24,536	100	38,600	100	206,790	100																		

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	29	6	1,338	6	2,052	6	9,997	5	5.1	4.9	.09	4.9 *	.09	5.0	.05	
		2		17	3	1,291	5	1,928	5	10,206	5								
		3		37	8	1,938	8	3,047	8	15,914	8								
		4		62	12	3,527	14	5,549	14	29,093	14								
		5		84	17	5,027	20	7,804	20	42,006	20								
		6		115	24	4,679	19	7,081	18	40,414	19								
		7	Excellent	117	23	4,827	20	8,201	21	44,585	22								
		—	Not applicable	28	6	1,915	8	2,972	8	14,736	8								
	Total	489	100	24,542	100	38,634	100	206,951	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	17	3	523	2	722	2	3,866	2	3.1	3.1	.02	3.1	-.04	3.1	-.02	
		2	Some	80	17	4,640	19	6,851	18	36,728	18								
		3	Quite a bit	215	44	10,870	44	17,072	44	92,678	45								
		4	Very much	177	35	8,416	34	13,838	36	72,963	35								
			Total	489	100	24,449	100	38,483	100	206,235	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	36	8	1,534	7	2,182	6	11,835	6	2.8	2.8	-.01	2.9	-.06	2.9	-.06	
		2	Some	125	26	6,653	27	9,618	26	51,881	26								
		3	Quite a bit	197	41	10,103	41	16,022	41	85,737	41								
		4	Very much	127	25	6,110	25	10,594	27	56,382	27								
			Total	485	100	24,400	100	38,416	100	205,835	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	70	15	2,510	11	3,683	10	19,870	10	2.6	2.8 ***	-.17	2.8 ***	-.22	2.8 ***	-.21	
		2	Some	152	31	6,225	26	9,267	25	51,199	25								
		3	Quite a bit	151	30	9,080	37	14,171	37	76,514	37								
		4	Very much	114	24	6,551	27	11,235	29	58,027	28								
			Total	487	100	24,366	100	38,356	100	205,610	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	97	20	3,968	17	5,315	15	30,868	15	2.4	2.6 **	-.14	2.6 ***	-.22	2.6 ***	-.18	
		2	Some	170	35	7,648	31	11,238	30	62,569	30								
		3	Quite a bit	130	27	7,564	31	12,558	32	65,480	32								
		4	Very much	90	18	5,138	21	9,210	24	46,423	23								
			Total	487	100	24,318	100	38,321	100	205,340	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	39	9	2,430	11	3,127	9	19,996	10	2.7	2.7	.00	2.9 **	-0.12	2.8	-0.01	
		2	Some	147	31	6,858	29	9,689	25	56,228	28								
		3	Quite a bit	184	38	9,124	37	14,622	38	77,295	37								
		4	Very much	115	23	5,888	24	10,822	28	51,619	25								
		Total		485	100	24,300	100	38,260	100	205,138	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	54	11	3,027	13	3,976	11	24,880	13	2.7	2.7	.02	2.8	-0.06	2.7	.02	
		2	Some	142	29	6,962	29	10,202	27	59,076	29								
		3	Quite a bit	174	36	8,589	35	13,821	36	72,351	35								
		4	Very much	116	23	5,706	24	10,244	26	48,607	24								
		Total		486	100	24,284	100	38,243	100	204,914	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	188	39	8,667	35	12,328	33	68,148	34	2.0	2.1	-0.05	2.1 *	-0.10	2.1	-0.09	
		2	Some	155	33	8,408	34	13,057	34	71,126	34								
		3	Quite a bit	90	18	4,657	20	8,114	21	42,239	21								
		4	Very much	53	11	2,511	11	4,703	12	23,169	11								
		Total		486	100	24,243	100	38,202	100	204,682	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	77	16	4,377	19	5,332	14	37,905	19	2.5	2.5	.03	2.7 ***	-0.16	2.5	.03	
		2	Some	164	34	7,622	31	10,766	28	61,772	30								
		3	Quite a bit	150	31	7,829	32	13,079	34	66,048	32								
		4	Very much	93	18	4,363	18	8,958	24	38,685	19								
		Total		484	100	24,191	100	38,135	100	204,410	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	134	28	5,698	24	8,091	22	46,293	23	2.2	2.3 *	-0.10	2.3 ***	-0.18	2.3 **	-0.12	
		2	Some	185	39	9,133	37	13,796	36	74,137	36								
		3	Quite a bit	107	22	6,314	26	10,449	27	56,231	27								
		4	Very much	59	12	3,054	13	5,810	15	27,814	13								
		Total		485	100	24,199	100	38,146	100	204,475	100								
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	21	5	637	3	950	3	5,502	3	3.3	3.3	.02	3.3	-0.02	3.3	.00	
		2	Disagree	33	7	1,698	7	2,590	7	14,645	7								
		3	Agree	206	42	11,909	49	18,047	47	98,228	47								
		4	Strongly agree	226	46	9,934	41	16,555	44	86,149	42								
		Total		486	100	24,178	100	38,142	100	204,524	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	42	10	1,923	9	2,805	8	13,968	8	2.9	2.8	.01	2.9	-.03	2.9	-.07									
		2	Disagree	93	19	4,963	20	7,264	19	38,273	19																
		3	Agree	232	48	12,022	49	18,458	48	101,018	49																
		4	Strongly agree	117	24	5,255	22	9,576	25	51,106	25																
		Total		484	100	24,163	100	38,103	100	204,365	100																
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	38	9	1,634	7	2,301	7	12,023	6	2.9	2.9	.06	3.0	-.01	2.9	.00									
		2	Disagree	86	18	4,806	20	6,878	18	37,798	19																
		3	Agree	216	44	12,087	49	18,530	48	101,102	49																
		4	Strongly agree	144	29	5,651	23	10,408	27	53,564	26																
		Total		484	100	24,178	100	38,117	100	204,487	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 <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	3	1	90	0	173	0	776	0	17.0	15.2 ***	.20	15.3 ***	.19	15.4 ***	.18	△	△							
		3	1-5 hrs	48	11	3,040	13	4,964	13	24,660	12																
		8	6-10 hrs	99	21	5,346	22	8,498	22	45,262	22																
		13	11-15 hrs	81	17	4,899	20	7,651	20	41,246	20																
		18	16-20 hrs	75	15	4,394	18	6,741	18	37,313	18																
		23	21-25 hrs	61	12	2,620	11	4,153	11	22,827	11																
		28	26-30 hrs	44	9	1,565	6	2,383	6	13,402	7																
		33	More than 30 hrs	73	15	2,153	9	3,472	9	18,328	9																
Total		484	100	24,107	100	38,035	100	203,814	100																		

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	205	43	11,260	48	16,785	44	90,901	46	4.7	4.3	.06	4.9	-.02	4.7	.01
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	136	28	6,620	27	10,057	27	54,346	26							
	8	6-10 hrs	66	14	2,714	11	4,851	13	24,541	12								
	13	11-15 hrs	40	8	1,597	7	2,920	8	14,532	7								
	18	16-20 hrs	20	4	887	4	1,587	4	9,094	4								
	23	21-25 hrs	3	1	443	2	828	2	4,777	2								
	28	26-30 hrs	1	0	219	1	353	1	2,046	1								
	33	More than 30 hrs	11	2	325	1	575	2	3,230	2								
	Total			482	100	24,065	100	37,956	100	203,467	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	332	68	18,168	76	29,362	77	147,991	75	4.3	3.3 *	.13	3.2 **	.15	3.2 **	.15
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	4	820	3	1,124	3	9,740	4							
	8	6-10 hrs	55	11	1,474	6	2,132	6	16,023	7								
	13	11-15 hrs	28	6	1,204	5	1,984	5	11,776	5								
	18	16-20 hrs	18	4	1,409	6	1,868	5	11,084	5								
	23	21-25 hrs	8	2	517	2	697	2	3,465	2								
	28	26-30 hrs	5	1	199	1	281	1	1,256	1								
	33	More than 30 hrs	14	3	281	1	516	1	2,112	1								
	Total			483	100	24,072	100	37,964	100	203,447	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	217	45	9,305	39	15,558	43	83,853	41	11.6	13.4 **	-.14	12.3	-.06	12.9 *	-.10
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	4	1,067	4	1,705	5	10,073	5							
	8	6-10 hrs	31	6	1,534	6	2,354	6	13,348	6								
	13	11-15 hrs	40	8	1,763	7	2,633	7	14,370	7								
	18	16-20 hrs	32	6	2,360	9	3,265	8	18,649	9								
	23	21-25 hrs	46	9	2,005	8	2,886	7	14,655	7								
	28	26-30 hrs	32	7	1,471	6	2,335	6	10,994	5								
	33	More than 30 hrs	66	15	4,570	20	7,236	18	37,667	20								
	Total			484	100	24,075	100	37,972	100	203,609	100							
Estimated number of hours working for pay	tmworkhrs										15.9	16.7	-.06	15.6	.02	16.1	-.02	
	(Continuous variable created by NSSE)																	

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	255	54	13,084	55	19,585	52	109,469	54	3.2	3.0	.04	3.3	-.02	3.1	.03	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	145	30	7,306	30	11,438	30	61,399	30								
		8	6-10 hrs	41	8	1,789	7	3,349	9	15,928	8								
		13	11-15 hrs	19	4	830	3	1,596	4	7,399	4								
		18	16-20 hrs	8	2	487	2	839	2	4,215	2								
		23	21-25 hrs	3	1	258	1	462	1	2,060	1								
		28	26-30 hrs	0	0	101	0	198	0	914	0								
		33	More than 30 hrs	11	2	219	1	500	1	2,101	1								
		Total	482	100	24,074	100	37,967	100	203,485	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	19	4	717	3	1,251	3	6,467	3	11.2	11.3	-.01	11.4	-.03	11.1	.01	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	113	23	6,246	26	9,833	25	53,352	26								
		8	6-10 hrs	154	31	6,636	27	10,422	27	57,185	28								
		13	11-15 hrs	81	17	4,510	18	7,131	19	37,988	19								
		18	16-20 hrs	61	13	2,904	12	4,417	12	23,982	12								
		23	21-25 hrs	20	4	1,232	5	1,998	5	9,981	5								
		28	26-30 hrs	11	2	552	2	850	2	4,459	2								
		33	More than 30 hrs	25	6	1,274	6	2,068	6	10,039	5								
		Total	484	100	24,071	100	37,970	100	203,453	100									
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	346	72	15,609	64	24,995	67	130,605	64	4.7	5.8 *	-1.0	5.4	-.06	6.2 **	-.13	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	46	9	2,657	11	3,815	10	22,236	11								
		8	6-10 hrs	14	3	1,293	6	1,943	5	10,951	5								
		13	11-15 hrs	13	3	820	3	1,337	3	7,197	4								
		18	16-20 hrs	12	3	669	3	973	2	5,502	3								
		23	21-25 hrs	3	1	361	2	588	2	3,123	2								
		28	26-30 hrs	1	0	248	1	378	1	2,065	1								
		33	More than 30 hrs	45	10	2,380	10	3,891	10	21,560	11								
		Total	480	100	24,037	100	37,920	100	203,239	100									

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	89	19	6,682	29	9,391	23	65,784	32	4.9	4.7	.03	5.1	-.04	4.4	.07									
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	291	60	11,467	47	17,984	49	88,727	43																
		8	6-10 hrs	52	10	3,302	14	5,789	15	27,083	13																
		13	11-15 hrs	26	5	1,163	5	2,200	6	10,127	5																
		18	16-20 hrs	4	1	556	2	954	2	4,434	2																
		23	21-25 hrs	5	1	291	1	518	1	2,302	1																
		28	26-30 hrs	4	1	143	1	246	1	1,146	1																
		33	More than 30 hrs	13	3	485	2	897	2	4,002	2																
		Total	484	100	24,089	100	37,979	100	203,605	100																	
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																											
reading	tmreadinghrs	1	Very little	137	29	3,795	16	6,197	17	26,493	14	2.2	2.7 ***	-0.46	2.7 ***	-0.41	2.8 ***	-0.54									
		2	Some	184	39	7,235	30	11,765	31	58,619	29																
		3	About half	95	19	6,195	26	9,746	25	55,346	27																
		4	Most	48	10	4,679	19	6,961	18	43,387	21																
		5	Almost all	18	3	2,126	9	3,227	8	19,337	9																
			Total	482	100	24,030	100	37,896	100	203,182	100																
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																											
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	3	1	90	0	166	0	761	0	5.7	7.0 ***	-0.21	6.8 ***	-0.18	7.3 ***	-0.26									
		2	More than zero, up to 5 hrs	289	61	11,814	50	19,358	52	93,780	47																
		3	More than 5, up to 10 hrs	111	22	6,750	28	10,228	27	59,408	29																
		4	More than 10, up to 15 hrs	33	6	2,371	10	3,548	9	21,645	10																
		5	More than 15, up to 20 hrs	25	5	1,412	6	2,128	6	12,968	6																
		6	More than 20, up to 25 hrs	17	3	1,013	4	1,489	4	9,267	4																
		7	More than 25 hrs	4	1	488	2	836	2	4,600	2																
			Total	482	100	23,938	100	37,753	100	202,429	100																

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NSSE 2021 Frequencies and Statistical Comparisons

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Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	26	6	1,575	7	2,169	6	10,599	6	2.9	2.9	.01	3.0	-.04	3.0	-.06	
		2	Some	114	23	5,637	24	8,201	22	43,017	22								
		3	Quite a bit	200	42	9,419	39	14,519	38	80,072	39								
		4	Very much	139	29	7,385	31	12,996	33	69,448	34								
		Total		479	100	24,016	100	37,885	100	203,136	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	24	5	2,077	9	2,744	8	14,240	8	2.9	2.8 *	.10	2.9	.02	2.9	.03	
		2	Some	119	25	6,113	26	8,689	23	47,364	24								
		3	Quite a bit	189	40	8,880	36	13,931	37	76,619	37								
		4	Very much	146	30	6,922	29	12,484	32	64,646	31								
		Total		478	100	23,992	100	37,848	100	202,869	100								
c. Thinking critically and analytically	pgthink	1	Very little	12	3	645	3	913	3	4,412	2	3.3	3.3	.06	3.3	.01	3.3	.01	
		2	Some	56	12	3,269	14	4,878	13	25,328	13								
		3	Quite a bit	179	38	9,217	38	14,020	37	76,800	37								
		4	Very much	231	47	10,869	45	18,049	48	96,413	47								
		Total		478	100	24,000	100	37,860	100	202,953	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	31	6	2,255	9	3,095	8	19,123	9	3.1	2.9 ***	.24	3.0 **	.15	2.9 ***	.22	
		2	Some	84	17	6,055	25	8,848	23	50,629	24								
		3	Quite a bit	166	36	8,138	34	12,837	34	68,148	34								
		4	Very much	197	41	7,533	32	13,064	36	64,979	33								
		Total		478	100	23,981	100	37,844	100	202,879	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	32	7	2,208	10	3,144	9	16,820	9	3.0	2.9 **	.13	2.9	.08	2.9 *	.09	
		2	Some	99	21	5,697	24	8,441	23	46,939	23								
		3	Quite a bit	164	35	8,225	34	12,826	33	69,951	34								
		4	Very much	183	37	7,867	33	13,441	35	69,182	34								
		Total		478	100	23,997	100	37,852	100	202,892	100								
f. Working effectively with others	pgothers	1	Very little	22	5	1,330	6	1,775	5	9,693	5	3.1	3.0	.08	3.1	.01	3.0	.05	
		2	Some	84	18	5,133	22	7,477	20	40,500	21								
		3	Quite a bit	197	42	9,153	38	14,127	37	78,037	38								
		4	Very much	173	36	8,362	34	14,444	37	74,604	36								
		Total		476	100	23,978	100	37,823	100	202,834	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Tennessee Tech				Carnegie Public				Southeast Public				NSSE 2020 & 2021				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	60	13	2,763	12	3,971	12	19,414	11	2.8	2.8	.00	2.8	-.04	2.9	-.07									
		2	Some	115	24	6,093	26	8,936	25	48,092	24																
		3	Quite a bit	160	33	8,243	34	12,617	32	70,787	34																
		4	Very much	142	29	6,873	29	12,288	31	64,427	31																
		Total		477	100	23,972	100	37,812	100	202,720	100																
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	56	12	2,482	11	3,431	10	17,567	9	2.7	2.8 **	-.12	2.9 ***	-.18	2.9 ***	-.18									
		2	Some	150	32	6,144	26	8,969	25	49,361	25																
		3	Quite a bit	144	31	8,020	33	12,774	33	70,053	34																
		4	Very much	126	26	7,330	30	12,659	32	65,831	32																
		Total		476	100	23,976	100	37,833	100	202,812	100																
i. Solving complex real-world problems	pgprobsolve	1	Very little	32	7	2,254	10	3,269	9	17,260	9	2.9	2.8 *	.10	2.9	.05	2.9	.07									
		2	Some	127	27	6,409	27	9,289	25	52,737	26																
		3	Quite a bit	156	33	8,477	35	13,339	35	72,796	35																
		4	Very much	160	33	6,842	29	11,941	31	60,036	30																
		Total		475	100	23,982	100	37,838	100	202,829	100																
j. Being an informed and active citizen	pgcitizen	1	Very little	71	15	3,226	14	4,564	13	23,608	13	2.6	2.7	-.04	2.7 *	-.09	2.7 *	-.10									
		2	Some	138	29	7,132	30	10,345	28	57,310	28																
		3	Quite a bit	149	32	7,552	31	12,083	31	66,807	32																
		4	Very much	116	24	6,098	26	10,884	28	55,270	27																
		Total		474	100	24,008	100	37,876	100	202,995	100																
19. How would you evaluate your entire educational experience at this institution?																											
evalexp		1	Poor	19	5	768	4	1,027	3	5,457	3	3.3	3.1 ***	.17	3.2	.06	3.2	.07									
		2	Fair	47	10	3,644	15	4,954	13	26,486	14																
		3	Good	194	40	11,305	46	16,411	43	90,227	44																
		4	Excellent	215	45	8,373	35	15,617	41	81,424	40																
		Total		475	100	24,090	100	38,009	100	203,594	100																
20. If you could start over again, would you go to the same institution you are now attending?																											
sameinst		1	Definitely no	26	6	1,258	6	1,789	5	10,045	5	3.3	3.1 **	.13	3.2	.04	3.2	.08									
		2	Probably no	52	11	3,290	14	4,623	12	26,627	13																
		3	Probably yes	167	34	10,056	41	14,433	38	80,911	39																
		4	Definitely yes	232	49	9,543	40	17,313	45	86,553	42																
		Total		477	100	24,147	100	38,158	100	204,136	100																

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NSSE 2021 Frequencies and Statistical Comparisons

Tennessee Technological University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021		Tennessee Tech		Carnegie Public		Southeast Public		NSSE 2020 & 2021	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																			
	covidexp	1	Very little	41	9	930	8	1,147	8	5,970	7	3.0	3.0	.04	3.0	.05	3.0	-.01	
		2	Some	89	19	2,651	22	3,345	22	18,161	21								
		3	Quite a bit	167	35	4,315	35	5,342	34	30,387	35								
		4	Very much	178	37	4,213	35	5,635	35	32,560	37								
			Total	475	100	12,109	100	15,469	100	87,078	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
		Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021			
1 a. askquest	467	2.69	2.71	2.73	2.78	.038	.005	.004	.002	.83	.84	.86	.85	29,985	48,308	202,814	.553	.293	.020	-.03	-.05	-.11
b. CLaskhelp	467	2.44	2.46	2.52	2.45	.043	.005	.004	.002	.93	.92	.92	.93	29,796	47,860	201,305	.533	.050	.791	-.03	-.09	-.01
c. CLexplain	466	2.45	2.53	2.60	2.52	.041	.005	.004	.002	.88	.87	.87	.89	29,669	47,677	200,697	.052	.000	.089	-.09	-.17	-.08
d. CLstudy	462	2.20	2.32	2.40	2.33	.045	.006	.005	.002	.97	.98	.99	.99	29,503	470	199,506	.014	.000	.007	-.12	-.20	-.13
e. CLproject	462	2.21	2.49	2.52	2.49	.042	.005	.004	.002	.91	.89	.90	.91	475	470	463	.000	.000	.000	-.31	-.34	-.30
f. present	460	1.97	2.09	2.12	2.16	.043	.005	.004	.002	.92	.88	.89	.90	29,224	46,771	197,756	.004	.000	.000	-.13	-.17	-.21
2 a. RIintegrate	455	2.38	2.51	2.50	2.53	.040	.005	.004	.002	.85	.87	.87	.86	28,678	45,757	194,272	.001	.004	.000	-.15	-.14	-.17
b. RISocietal	443	2.33	2.51	2.50	2.56	.044	.005	.004	.002	.93	.89	.90	.89	28,314	45,154	192,250	.000	.000	.000	-.20	-.19	-.25
c. RIDiverse	445	2.33	2.52	2.55	2.57	.044	.006	.004	.002	.93	.92	.92	.91	28,026	44,511	190,161	.000	.000	.000	-.21	-.24	-.26
d. RIownview	441	2.68	2.74	2.74	2.76	.041	.005	.004	.002	.85	.82	.83	.82	27,584	43,706	442	.124	.116	.037	-.07	-.08	-.10
e. RIPerspect	429	2.85	2.90	2.89	2.91	.040	.005	.004	.002	.83	.81	.81	.80	27,058	42,625	430	.212	.231	.127	-.06	-.06	-.08
f. RINewview	421	2.67	2.80	2.80	2.83	.041	.005	.004	.002	.84	.81	.82	.80	433	428	422	.001	.003	.000	-.16	-.15	-.20
g. RIconnect	418	2.97	2.99	2.99	3.02	.038	.005	.004	.002	.77	.76	.76	.75	26,085	40,813	177,772	.626	.505	.156	-.02	-.03	-.07
3 a. SFCareer	417	2.25	2.27	2.29	2.26	.047	.006	.005	.002	.95	.93	.94	.93	26,021	40,727	177,476	.699	.443	.898	-.02	-.04	-.01
b. SFotherwork	415	1.69	1.71	1.73	1.73	.046	.006	.005	.002	.94	.89	.92	.90	25,871	40,419	176,325	.633	.352	.442	-.02	-.05	-.04
c. SFdiscuss	410	1.90	1.90	1.93	1.94	.045	.006	.005	.002	.91	.89	.91	.90	25,568	39,853	174,311	.942	.483	.392	.00	-.03	-.04
d. SFperform	411	2.12	2.08	2.10	2.09	.044	.006	.005	.002	.88	.88	.89	.89	25,528	39,787	174,168	.301	.574	.429	.05	.03	.04
4 a. memorize	415	3.03	2.90	2.94	2.86	.040	.005	.004	.002	.82	.81	.82	.82	25,329	39,391	416	.001	.038	.000	.16	.10	.20
b. HOapply	412	2.80	2.84	2.89	2.88	.043	.005	.004	.002	.87	.81	.83	.81	423	419	413	.395	.050	.062	-.05	-.10	-.10
c. HOanalyze	403	2.78	2.84	2.87	2.89	.043	.005	.004	.002	.87	.82	.84	.82	414	38,504	404	.232	.047	.018	-.06	-.10	-.13
d. HOevaluate	400	2.76	2.85	2.86	2.89	.041	.005	.004	.002	.83	.82	.84	.82	24,620	38,241	401	.049	.017	.002	-.10	-.12	-.16
e. HOform	399	2.77	2.84	2.85	2.88	.043	.005	.004	.002	.85	.82	.83	.81	24,464	37,965	400	.092	.071	.009	-.09	-.09	-.14
5 a. ETgoals	395	2.98	2.99	3.01	3.04	.042	.005	.004	.002	.84	.80	.81	.80	24,288	37,591	165,738	.755	.419	.093	-.02	-.04	-.08
b. ETorganize	394	2.89	2.89	2.93	2.96	.045	.006	.004	.002	.90	.86	.86	.85	24,186	400	394	.913	.483	.148	.01	-.04	-.08
c. ETexample	393	2.91	2.93	2.96	2.98	.044	.006	.004	.002	.87	.85	.86	.84	24,132	37,334	164,734	.576	.221	.063	-.03	-.06	-.09
d. ETdraftfb	391	2.59	2.74	2.74	2.80	.050	.006	.005	.002	.99	.92	.93	.92	401	397	391	.003	.003	.000	-.16	-.16	-.23
e. ETfeedback	386	2.59	2.62	2.65	2.72	.049	.006	.005	.002	.96	.92	.93	.91	23,994	37,092	387	.466	.198	.009	-.04	-.07	-.14
f. etcriteria	386	2.95	2.93	2.88	2.98	.043	.008	.007	.003	.85	.86	.86	.85	11,105	14,944	72,434	.634	.153	.519	.02	.07	-.03
g. etreview	384	2.85	2.91	2.86	2.95	.043	.008	.007	.003	.84	.84	.85	.83	11,074	14,872	72,175	.206	.849	.021	-.07	-.01	-.12
h. etprefer	383	2.49	2.50	2.46	2.58	.045	.009	.008	.003	.88	.91	.92	.91	11,048	14,834	71,970	.765	.590	.043	-.02	.03	-.10
i. etdemonstrate	386	3.12	3.05	3.03	3.09	.041	.008	.007	.003	.82	.83	.84	.82	11,034	14,772	71,766	.077	.044	.409	.09	.10	.04

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021
6 a. QRconclude	383	2.64	2.56	2.61	2.58	.045	.006	.005	.002	.88	.87	.88	.88	23,506	36,054	159,936	.088	.599	.221	.09	.03	.06
b. QRproblem	382	2.32	2.31	2.34	2.35	.049	.006	.005	.002	.95	.91	.93	.92	23,329	35,830	158,945	.817	.590	.514	.01	-.03	-.03
c. QRevaluate	382	2.30	2.29	2.34	2.33	.047	.006	.005	.002	.93	.88	.90	.89	23,223	35,633	158,172	.917	.343	.485	.01	-.05	-.04
7 a. wrshortnum	381	4.74	6.12	5.89	6.49	.257	.037	.029	.015	5.02	5.66	5.45	5.80	396	390	382	.000	.000	.000	-.24	-.21	-.30
b. wrmednum	379	1.24	2.10	2.03	2.31	.137	.023	.018	.009	2.66	3.41	3.33	3.51	399	391	381	.000	.000	.000	-.25	-.24	-.31
c. wrlongnum	378	.49	.94	.94	1.03	.111	.020	.016	.008	2.16	3.00	2.97	3.09	402	393	381	.000	.000	.000	-.15	-.15	-.17
— wrpages	376	31.44	48.86	47.50	52.80	3.027	.499	.394	.195	58.72	75.16	73.59	77.02	396	388	379	.000	.000	.000	-.23	-.22	-.28
8 a. DDrace	381	2.70	2.90	3.03	2.97	.048	.006	.005	.002	.93	.94	.93	.94	23,109	389	157,178	.000	.000	.000	-.21	-.35	-.28
b. DDeconomic	378	2.76	2.90	2.99	2.94	.047	.006	.005	.002	.92	.90	.90	.91	23,035	385	156,719	.003	.000	.000	-.15	-.25	-.19
c. DDreligion	381	2.70	2.83	2.92	2.85	.050	.006	.005	.002	.98	.95	.96	.96	392	388	156,689	.008	.000	.002	-.14	-.23	-.16
d. DDpolitical	380	2.83	2.81	2.91	2.81	.049	.006	.005	.002	.95	.96	.95	.96	23,054	35,313	156,809	.629	.132	.695	.02	-.08	.02
9 a. LSreading	378	2.85	2.93	2.96	2.99	.041	.005	.004	.002	.81	.79	.79	.78	22,877	34,989	379	.050	.010	.001	-.10	-.13	-.18
b. LSnotes	379	3.01	2.88	2.93	2.90	.043	.006	.005	.002	.84	.88	.87	.88	392	387	380	.004	.098	.014	.15	.08	.12
c. LSsummary	378	2.80	2.79	2.85	2.83	.044	.006	.005	.002	.85	.87	.87	.87	22,839	34,965	155,481	.814	.284	.516	.01	-.06	-.03
10 challenge	376	5.31	5.31	5.36	5.39	.068	.009	.007	.003	1.32	1.28	1.30	1.27	22,693	34,684	154,383	.977	.469	.260	.00	-.04	-.06
11 a. intern ^l	377	4%	6%	7%	6%	.010	.002	.001	.001	--	--	--	--	--	--	--	.121	.022	.034	-.09	-.13	-.12
b. leader ^l	375	11%	8%	9%	9%	.016	.002	.002	.001	--	--	--	--	--	--	--	.072	.187	.101	.09	.07	.08
c. learncom ^l	375	5%	14%	13%	11%	.011	.002	.002	.001	--	--	--	--	--	--	--	.000	.000	.000	-.30	-.27	-.22
d. abroad ^l	377	1%	2%	2%	2%	.006	.001	.001	.000	--	--	--	--	--	--	--	.349	.175	.219	-.05	-.08	-.07
e. research ^l	376	4%	4%	5%	4%	.010	.001	.001	.001	--	--	--	--	--	--	--	.803	.584	.819	.01	-.03	-.01
f. capstone ^l	376	1%	2%	2%	2%	.006	.001	.001	.000	--	--	--	--	--	--	--	.541	.325	.485	-.03	-.06	-.04
12 servcourse	376	1.51	1.55	1.55	1.59	.034	.005	.004	.002	.65	.68	.68	.70	22,329	34,086	151,876	.223	.227	.027	-.06	-.06	-.11
13 a. QIstudent	365	5.27	5.24	5.34	5.34	.079	.010	.008	.004	1.51	1.48	1.45	1.45	21,735	33,356	147,175	.749	.345	.379	.02	-.05	-.05
b. QIadvisor	371	5.60	5.36	5.35	5.38	.080	.011	.009	.004	1.54	1.60	1.62	1.60	21,961	33,400	148,188	.005	.004	.008	.15	.15	.14
c. QIfaculty	369	5.27	5.22	5.26	5.36	.077	.010	.008	.004	1.47	1.44	1.44	1.42	21,831	33,434	148,685	.548	.976	.203	.03	.00	-.07
d. QIstaff	322	5.20	5.03	5.11	5.12	.088	.012	.009	.005	1.59	1.66	1.64	1.64	19,292	30,162	131,381	.079	.336	.435	.10	.05	.04
e. QIadmin	351	5.15	4.98	5.00	5.10	.086	.012	.010	.004	1.61	1.66	1.66	1.64	20,263	30,886	138,042	.054	.091	.594	.10	.09	.03

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021
14 a. empstudy	374	3.14	3.05	3.07	3.08	.037	.005	.004	.002	.72	.77	.76	.76	22,147	33,846	150,926	.013	.067	.081	.13	.10	.09
b. SEacademic	373	2.90	2.93	2.98	2.98	.044	.006	.005	.002	.85	.85	.85	.85	22,099	33,732	150,488	.574	.096	.067	-.03	-.09	-.10
c. SElearnsup	370	2.94	3.00	3.05	3.03	.050	.006	.005	.002	.97	.92	.90	.91	22,066	33,726	150,350	.221	.021	.067	-.06	-.12	-.10
d. SEdiverse	371	2.49	2.67	2.74	2.72	.050	.007	.005	.002	.96	.97	.96	.97	22,038	33,695	150,107	.000	.000	.000	-.19	-.26	-.24
e. SEsocial	369	2.77	2.81	2.89	2.82	.049	.006	.005	.002	.95	.92	.92	.93	21,996	376	149,839	.469	.014	.282	-.04	-.13	-.06
f. SEwellness	371	2.90	2.81	2.89	2.83	.047	.006	.005	.002	.90	.92	.92	.93	21,961	33,542	149,599	.060	.754	.119	.10	.02	.08
g. SENonacad	371	2.14	2.24	2.29	2.29	.052	.007	.005	.003	.99	.98	.99	.98	21,953	33,525	149,457	.046	.002	.003	-.10	-.16	-.15
h. SEactivities	370	2.56	2.60	2.78	2.61	.049	.007	.005	.003	.94	.98	.96	1.00	21,937	33,503	371	.451	.000	.354	-.04	-.23	-.05
i. SEevents	369	2.17	2.36	2.44	2.39	.048	.007	.005	.003	.93	.97	.97	.97	382	377	370	.000	.000	.000	-.19	-.28	-.23
15 a. SBmyself	372	3.21	3.21	3.25	3.24	.038	.005	.004	.002	.74	.69	.70	.69	21,904	33,486	149,234	.908	.226	.383	-.01	-.06	-.05
b. SBvalued	371	2.80	2.91	2.96	2.99	.041	.005	.004	.002	.80	.75	.77	.75	381	377	371	.009	.000	.000	-.15	-.20	-.25
c. SBcommunity	371	2.83	2.91	2.97	2.97	.042	.005	.004	.002	.80	.78	.80	.78	21,894	33,476	371	.046	.001	.001	-.10	-.18	-.18
16 a. tmprephrs	369	16.55	14.65	14.85	15.00	.412	.057	.047	.022	7.92	8.28	8.47	8.41	21,813	377	370	.000	.000	.000	.23	.20	.18
b. tmcocurrhrs	368	4.88	4.53	5.10	4.94	.373	.045	.037	.018	7.16	6.56	6.73	6.86	21,756	33,245	148,237	.310	.530	.857	.05	-.03	-.01
c. tmworkonhrs	366	2.33	1.85	1.81	2.00	.309	.036	.029	.014	5.91	5.21	5.29	5.35	375	372	148,309	.127	.100	.238	.09	.10	.06
d. tmworkoffhrs	368	6.92	6.82	5.68	6.55	.511	.071	.054	.027	9.80	10.46	9.83	10.58	21,777	33,284	148,401	.864	.017	.512	.01	.13	.03
— tmworkhrs	366	9.21	8.65	7.45	8.51	.589	.080	.063	.031	11.26	11.74	11.41	11.89	21,695	33,132	147,753	.365	.003	.263	.05	.15	.06
e. tmservicehrs	367	1.93	2.17	2.37	2.24	.204	.031	.026	.012	3.91	4.60	4.72	4.73	21,768	33,257	148,324	.328	.080	.210	-.05	-.09	-.07
f. tmrelaxhrs	369	13.01	12.73	12.85	12.40	.445	.060	.048	.023	8.54	8.77	8.78	8.66	21,768	33,291	148,351	.542	.724	.176	.03	.02	.07
g. tmcarehrs	368	2.05	2.67	2.38	3.41	.279	.045	.035	.021	5.35	6.65	6.44	7.94	386	379	371	.030	.238	.000	-.09	-.05	-.17
h. tmcommutehrs	369	3.67	3.76	4.10	3.48	.239	.041	.034	.015	4.58	5.98	6.22	5.90	389	383	371	.720	.073	.430	-.01	-.07	.03
17 reading	366	2.33	2.62	2.54	2.74	.051	.007	.006	.003	.98	1.08	1.07	1.09	380	375	367	.000	.000	.000	-.26	-.19	-.37
— tmreadinghrs	365	5.78	6.27	6.04	6.81	.262	.039	.031	.015	5.00	5.67	5.55	5.91	380	374	366	.065	.319	.000	-.09	-.05	-.17

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021				
18 a. pgwrite	368	2.58	2.74	2.75	2.80	.048	.006	.005	.002	.92	.88	.90	.87	378	33,106	368	.001	.000	.000	-.19	-.19	-.25				
b. pgspeak	366	2.59	2.60	2.61	2.65	.050	.006	.005	.002	.96	.93	.95	.93	21,639	33,065	147,523	.935	.727	.223	.00	-.02	-.06				
c. pgthink	366	2.97	3.02	3.03	3.06	.047	.006	.005	.002	.89	.82	.83	.81	376	33,069	367	.357	.188	.061	-.05	-.07	-.11				
d. pganalyze	368	2.74	2.64	2.73	2.68	.048	.006	.005	.002	.91	.94	.94	.95	21,631	33,055	147,486	.059	.859	.225	.10	.01	.06				
e. pgwork	366	2.64	2.53	2.57	2.59	.050	.007	.005	.003	.96	.96	.97	.96	21,627	33,060	147,521	.039	.213	.322	.11	.07	.05				
f. pgothers	367	2.57	2.73	2.76	2.78	.052	.006	.005	.002	1.00	.91	.92	.91	377	373	367	.002	.000	.000	-.18	-.21	-.23				
g. pgvalues	367	2.46	2.62	2.65	2.69	.054	.007	.005	.002	1.03	.95	.96	.95	377	373	367	.003	.001	.000	-.17	-.20	-.24				
h. pgdiverse	365	2.43	2.75	2.77	2.79	.050	.007	.005	.002	.96	.95	.95	.94	21,637	33,062	147,513	.000	.000	.000	-.34	-.36	-.39				
i. pgprobsolve	366	2.53	2.59	2.64	2.64	.051	.006	.005	.002	.98	.94	.95	.94	21,644	33,060	147,527	.259	.036	.029	-.06	-.11	-.11				
j. pgcitizen	366	2.42	2.59	2.63	2.65	.051	.007	.005	.002	.98	.95	.96	.95	21,682	33,098	147,724	.001	.000	.000	-.18	-.23	-.24				
19 evalexp	364	3.01	3.04	3.10	3.12	.040	.005	.004	.002	.76	.75	.76	.75	21,760	372	365	.490	.020	.007	-.04	-.12	-.14				
20 sameinst	365	3.17	3.15	3.21	3.20	.042	.005	.004	.002	.80	.79	.80	.79	21,857	33,444	148,856	.595	.328	.441	.03	-.05	-.04				
21 returnexp ^l	366	92%	87%	89%	88%	.0139	.0023	.0017	.0008	--	--	--	--	--	--	--	.002	.046	.013	.18	.11	.14				
22 covidexp	366	3.05	2.98	2.95	3.04	.049	.009	.008	.004	.93	.92	.93	.91	10,215	13,399	65,974	.126	.038	.769	.08	.11	.02				

IPEDS: 221847

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021
1 a. askquest	612	3.00	2.97	2.98	3.01	.035	.004	.004	.002	.87	.89	.89	.89	631	624	270,337	.441	.525	.849	.03	.03	-.01
b. CLaskhelp	609	2.67	2.42	2.47	2.38	.039	.005	.004	.002	.95	.95	.94	.95	40,354	62,285	268,635	.000	.000	.000	.26	.21	.30
c. CLexplain	609	2.78	2.65	2.71	2.62	.036	.005	.004	.002	.88	.91	.90	.92	628	62,150	611	.001	.062	.000	.14	.08	.17
d. CLstudy	606	2.53	2.38	2.46	2.36	.042	.005	.004	.002	1.03	1.03	1.02	1.03	40,059	61,785	266,753	.000	.135	.000	.15	.06	.16
e. CLproject	603	2.93	2.77	2.82	2.75	.038	.005	.004	.002	.92	.95	.94	.96	622	614	605	.000	.005	.000	.17	.11	.19
f. present	603	2.55	2.51	2.56	2.57	.039	.005	.004	.002	.97	.98	.98	.98	39,759	61,400	265,123	.370	.758	.521	.04	-.01	-.03
2 a. RIintegrate	597	2.96	2.88	2.88	2.88	.035	.004	.004	.002	.86	.86	.87	.86	39,319	60,608	262,355	.030	.040	.036	.09	.08	.09
b. RISocietal	593	2.59	2.71	2.72	2.77	.039	.005	.004	.002	.96	.93	.93	.92	39,133	60,171	595	.002	.001	.000	-.13	-.13	-.19
c. RIDiverse	587	2.24	2.53	2.55	2.61	.041	.005	.004	.002	.99	1.00	.99	.97	604	59,561	258,789	.000	.000	.000	-.28	-.31	-.38
d. RIownview	582	2.73	2.80	2.82	2.84	.036	.004	.004	.002	.87	.85	.85	.84	38,426	592	584	.033	.007	.002	-.09	-.12	-.13
e. RIPerspect	573	2.81	2.95	2.97	2.98	.037	.004	.003	.002	.89	.83	.83	.82	588	582	575	.000	.000	.000	-.17	-.19	-.20
f. RInewview	566	2.85	2.93	2.94	2.96	.035	.004	.003	.002	.83	.81	.81	.80	37,363	57,004	568	.027	.008	.003	-.09	-.11	-.13
g. RIconnect	563	3.11	3.16	3.16	3.18	.033	.004	.003	.001	.78	.75	.75	.74	36,912	56,326	247,208	.131	.141	.029	-.06	-.06	-.09
3 a. SFcareer	564	2.55	2.36	2.41	2.40	.043	.005	.004	.002	1.03	1.00	1.00	.99	580	574	565	.000	.002	.000	.19	.14	.16
b. SFotherwork	558	2.10	1.90	1.96	1.92	.045	.005	.004	.002	1.05	1.01	1.03	1.01	36,683	55,911	245,841	.000	.001	.000	.20	.14	.18
c. SFdiscuss	556	2.23	2.08	2.14	2.11	.042	.005	.004	.002	.99	.96	.97	.96	572	55,398	558	.000	.029	.003	.16	.09	.13
d. SFperform	554	2.24	2.15	2.19	2.18	.042	.005	.004	.002	.98	.93	.94	.93	569	563	555	.035	.310	.168	.10	.05	.06
4 a. memorize	551	2.75	2.77	2.83	2.74	.039	.005	.004	.002	.92	.89	.88	.89	36,104	560	242,157	.646	.043	.810	-.02	-.09	.01
b. HOapply	553	3.05	3.03	3.05	3.05	.036	.004	.003	.002	.85	.82	.81	.81	35,930	54,648	241,023	.549	.986	.892	.03	.00	.01
c. HOanalyze	547	2.92	2.99	3.02	3.02	.039	.004	.004	.002	.92	.84	.84	.82	561	555	548	.079	.016	.010	-.08	-.11	-.12
d. HOevaluate	546	2.77	2.89	2.91	2.94	.040	.005	.004	.002	.93	.88	.88	.86	561	555	547	.004	.001	.000	-.13	-.15	-.19
e. HOform	541	2.84	2.92	2.94	2.96	.038	.005	.004	.002	.89	.84	.85	.82	555	550	542	.021	.006	.001	-.11	-.12	-.15
5 a. ETgoals	535	3.03	3.08	3.10	3.12	.036	.004	.004	.002	.84	.82	.81	.80	34,972	53,050	234,545	.156	.044	.011	-.06	-.09	-.11
b. ETorganize	535	2.91	2.99	3.01	3.03	.038	.005	.004	.002	.88	.86	.86	.85	34,866	52,868	233,913	.047	.007	.002	-.09	-.12	-.14
c. ETexample	534	3.05	3.03	3.06	3.07	.035	.005	.004	.002	.82	.86	.85	.85	34,810	545	233,518	.580	.712	.661	.02	-.02	-.02
d. ETdraftfb	532	2.74	2.73	2.77	2.79	.042	.005	.004	.002	.97	.98	.98	.96	34,733	52,615	233,060	.944	.394	.208	.00	-.04	-.05
e. ETfeedback	531	2.78	2.75	2.78	2.80	.040	.005	.004	.002	.91	.93	.93	.92	34,637	52,406	232,279	.530	.919	.499	.03	.00	-.03
f. etcriteria	523	3.01	3.00	2.98	3.03	.037	.007	.006	.003	.85	.88	.88	.86	17,382	552	102,327	.839	.504	.537	.01	.03	-.03
g. etreview	528	2.99	2.98	2.97	3.01	.036	.007	.006	.003	.83	.85	.86	.84	17,304	20,866	102,064	.819	.565	.506	.01	.03	-.03
h. etprefer	525	2.69	2.60	2.61	2.68	.039	.007	.007	.003	.89	.94	.94	.93	561	554	530	.041	.047	.937	.09	.08	.00
i. etdemonstrate	523	3.09	3.10	3.10	3.12	.037	.006	.006	.003	.85	.83	.83	.82	17,252	20,747	101,709	.789	.852	.531	-.01	-.01	-.03

NSSE 2021 Frequencies and Statistical Comparisons

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Tennessee Technological University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021
6 a. QRconclude	514	2.77	2.63	2.69	2.65	.039	.005	.004	.002	.89	.92	.92	.92	530	51,322	515	.000	.032	.002	.15	.10	.13
b. QRproblem	514	2.51	2.41	2.46	2.45	.044	.005	.004	.002	1.00	.97	.97	.96	33,736	51,048	226,971	.022	.206	.179	.10	.06	.06
c. QRevaluate	512	2.52	2.41	2.47	2.45	.041	.005	.004	.002	.93	.93	.93	.93	33,616	50,791	226,055	.007	.216	.077	.12	.05	.08
7 a. wrshortnum	507	6.55	7.04	6.82	7.61	.297	.036	.028	.014	6.68	6.48	6.35	6.69	33,457	50,666	225,289	.089	.346	.000	-.08	-.04	-.16
b. wrmednum	508	2.93	3.21	3.16	3.60	.194	.024	.019	.010	4.37	4.35	4.34	4.59	33,290	50,457	224,363	.151	.236	.001	-.06	-.05	-.15
c. wrlongnum	506	1.74	1.80	1.83	2.01	.168	.021	.017	.008	3.78	3.78	3.79	3.93	33,369	50,555	224,884	.719	.589	.121	-.02	-.02	-.07
— wrpages	503	69.26	73.36	72.68	81.34	4.378	.529	.430	.212	98.18	95.58	95.75	99.94	33,091	50,186	223,068	.340	.426	.007	-.04	-.04	-.12
8 a. DDrace	508	2.84	2.95	3.11	3.02	.043	.005	.004	.002	.97	.95	.92	.94	33,372	516	509	.011	.000	.000	-.11	-.29	-.20
b. DDeconomic	502	3.00	2.96	3.07	3.00	.038	.005	.004	.002	.85	.91	.89	.90	519	512	504	.367	.044	.898	.04	-.09	-.01
c. DDreligion	505	2.84	2.90	3.00	2.92	.042	.005	.004	.002	.94	.95	.94	.95	33,261	50,383	224,066	.163	.000	.082	-.06	-.17	-.08
d. DDpolitical	505	2.99	2.86	2.96	2.86	.040	.005	.004	.002	.90	.96	.95	.96	522	516	507	.001	.552	.001	.14	.03	.14
9 a. LSreading	499	2.86	3.02	3.07	3.08	.039	.005	.004	.002	.87	.83	.82	.81	512	507	500	.000	.000	.000	-.19	-.25	-.27
b. LSnotes	497	2.97	2.85	2.92	2.86	.042	.005	.004	.002	.94	.93	.93	.93	33,078	50,086	222,930	.005	.234	.009	.13	.05	.12
c. LSsummary	497	2.88	2.83	2.90	2.86	.041	.005	.004	.002	.92	.91	.90	.90	33,076	50,057	222,909	.196	.668	.555	.06	-.02	.03
10 challenge	493	5.43	5.47	5.49	5.51	.070	.008	.006	.003	1.55	1.36	1.37	1.34	504	500	494	.582	.404	.253	-.03	-.04	-.06
11 a. intern ^l	492	48%	44%	46%	46%	.0225	.0028	.0023	.0011	--	--	--	--	--	--	--	.065	.430	.292	.08	.04	.05
b. leader ^l	493	37%	32%	34%	33%	.0217	.0026	.0021	.0010	--	--	--	--	--	--	--	.021	.175	.052	.10	.06	.09
c. learncom ^l	489	23%	23%	22%	22%	.0191	.0023	.0019	.0009	--	--	--	--	--	--	--	.840	.726	.454	.01	.02	.03
d. abroad ^l	490	6%	10%	12%	12%	.0105	.0016	.0015	.0007	--	--	--	--	--	--	--	.005	.000	.000	-.14	-.24	-.23
e. research ^l	491	27%	20%	23%	22%	.0201	.0022	.0019	.0009	--	--	--	--	--	--	--	.000	.031	.004	.17	.10	.12
f. capstone ^l	491	49%	41%	42%	44%	.0226	.0027	.0022	.0011	--	--	--	--	--	--	--	.000	.002	.030	.17	.14	.10
12 servcourse	487	1.75	1.71	1.71	1.74	.033	.004	.003	.002	.73	.73	.72	.72	32,451	49,129	218,806	.284	.258	.847	.05	.05	.01
13 a. QIstudent	481	5.77	5.53	5.58	5.56	.061	.008	.006	.003	1.33	1.37	1.37	1.38	31,722	48,118	212,124	.000	.002	.001	.18	.14	.15
b. QIadvisor	478	5.37	5.16	5.23	5.29	.081	.010	.008	.004	1.77	1.80	1.77	1.75	31,914	48,412	214,996	.010	.082	.322	.12	.08	.05
c. QIfaculty	483	5.53	5.40	5.44	5.50	.068	.008	.007	.003	1.50	1.46	1.45	1.42	32,068	48,498	216,063	.056	.171	.680	.09	.06	.02
d. QIstaff	396	5.01	4.93	5.01	5.00	.094	.011	.009	.004	1.87	1.74	1.73	1.74	25,747	40,132	177,035	.357	.987	.876	.05	.00	.01
e. QIadmin	462	5.08	4.92	4.92	4.99	.082	.010	.008	.004	1.77	1.75	1.75	1.73	29,888	45,145	201,608	.051	.049	.291	.09	.09	.05

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Tennessee Technological University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021
14 a. empstudy	489	3.12	3.10	3.14	3.13	.036	.004	.004	.002	.81	.78	.77	.77	32,299	48,833	217,837	.733	.420	.685	.02	-.04	-.02
b. SEacademic	486	2.84	2.85	2.89	2.89	.041	.005	.004	.002	.89	.87	.87	.88	32,230	48,759	217,427	.860	.164	.172	-.01	-.06	-.06
c. SElearnsup	487	2.63	2.80	2.84	2.83	.045	.005	.004	.002	1.00	.95	.95	.95	500	495	488	.000	.000	.000	-.17	-.22	-.21
d. SEdiverse	487	2.43	2.57	2.65	2.61	.046	.006	.005	.002	1.01	1.00	1.00	1.00	32,107	48,632	216,850	.003	.000	.000	-.14	-.22	-.18
e. SEsocial	485	2.75	2.74	2.86	2.76	.041	.005	.004	.002	.91	.94	.93	.95	32,081	48,540	216,584	.978	.008	.811	.00	-.12	-.01
f. SEwellness	486	2.72	2.69	2.78	2.69	.043	.005	.004	.002	.95	.97	.96	.97	32,057	48,547	216,376	.588	.163	.590	.02	-.06	.02
g. SENonacad	486	2.01	2.06	2.11	2.10	.045	.006	.005	.002	1.00	.99	1.00	.99	31,998	48,481	216,094	.315	.028	.050	-.05	-.10	-.09
h. SEactivities	484	2.52	2.49	2.68	2.49	.044	.006	.005	.002	.97	.99	.99	1.01	31,919	48,391	215,733	.473	.000	.476	.03	-.16	.03
i. SEevents	486	2.17	2.28	2.35	2.29	.044	.005	.004	.002	.97	.97	.98	.98	31,932	495	215,798	.022	.000	.007	-.10	-.18	-.12
15 a. SBmyself	486	3.30	3.28	3.31	3.30	.036	.004	.003	.002	.79	.72	.72	.73	498	494	487	.698	.757	.988	.02	-.02	.00
b. SBvalued	484	2.86	2.85	2.89	2.92	.040	.005	.004	.002	.89	.86	.87	.85	31,896	48,323	215,718	.780	.446	.145	.01	-.03	-.07
c. SBcommunity	485	2.94	2.89	2.95	2.95	.041	.005	.004	.002	.90	.85	.85	.84	31,902	492	486	.165	.772	.951	.06	-.01	.00
16 a. tmprephrs	484	17.04	15.24	15.31	15.42	.445	.050	.041	.019	9.79	8.90	9.01	8.90	496	492	485	.000	.000	.000	.20	.19	.18
b. tmcocurrhrs	483	4.74	4.33	4.88	4.67	.311	.038	.032	.015	6.83	6.75	7.01	7.05	31,752	48,134	214,720	.184	.675	.828	.06	-.02	.01
c. tmworkonhrs	484	4.27	3.33	3.24	3.24	.366	.040	.032	.015	8.05	7.07	7.02	6.80	494	490	484	.011	.005	.005	.13	.15	.15
d. tmworkoffhrs	484	11.57	13.36	12.34	12.91	.583	.075	.060	.029	12.84	13.26	13.19	13.35	31,774	48,149	486	.003	.199	.022	-.14	-.06	-.10
— tmworkhrs	484	15.85	16.66	15.56	16.13	.664	.077	.063	.029	14.61	13.53	13.74	13.60	496	47,957	485	.228	.638	.675	-.06	.02	-.02
e. tmservicehrs	483	3.23	2.98	3.32	3.07	.279	.031	.027	.012	6.12	5.53	5.90	5.62	31,779	48,149	214,758	.327	.728	.522	.04	-.02	.03
f. tmrelaxhrs	484	11.15	11.27	11.39	11.07	.378	.048	.039	.018	8.31	8.44	8.46	8.32	31,780	48,143	214,693	.752	.541	.821	-.01	-.03	.01
g. tmcarehrs	481	4.72	5.78	5.35	6.19	.463	.060	.048	.024	10.16	10.69	10.43	11.06	496	48,097	482	.023	.184	.002	-.10	-.06	-.13
h. tmcommutehrs	484	4.86	4.68	5.11	4.45	.297	.036	.030	.014	6.53	6.38	6.50	6.30	31,797	48,153	214,886	.532	.403	.152	.03	-.04	.07
17 reading	483	2.20	2.75	2.69	2.83	.049	.007	.005	.003	1.07	1.19	1.19	1.18	500	494	484	.000	.000	.000	-.46	-.41	-.54
— tmreadinghrs	483	5.65	6.99	6.80	7.35	.254	.036	.029	.014	5.57	6.37	6.34	6.48	502	495	485	.000	.000	.000	-.21	-.18	-.26

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Tennessee Technological University

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Tennessee Tech	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Tennessee Tech	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021	Carnegie Public	Southeast Public	NSSE 2020 & 2021				
18 a. pgwrite	479	2.95	2.94	2.98	3.01	.039	.005	.004	.002	.86	.90	.90	.89	31,698	48,018	214,360	.754	.436	.167	.01	-.04	-.06				
b. pgspeak	479	2.95	2.85	2.93	2.92	.040	.005	.004	.002	.87	.94	.93	.93	495	489	480	.015	.632	.445	.10	.02	.03				
c. pgthink	479	3.30	3.25	3.29	3.29	.036	.005	.004	.002	.78	.81	.79	.78	31,676	48,001	214,163	.217	.816	.811	.06	.01	.01				
d. pganalyze	479	3.12	2.89	2.98	2.91	.041	.005	.004	.002	.91	.96	.95	.96	494	47,971	480	.000	.001	.000	.24	.15	.22				
e. pgwork	479	3.02	2.90	2.94	2.93	.042	.005	.004	.002	.93	.97	.97	.96	494	489	214,078	.004	.060	.038	.13	.08	.09				
f. pgothers	477	3.08	3.00	3.07	3.04	.039	.005	.004	.002	.85	.90	.88	.89	31,628	47,937	213,983	.068	.750	.318	.08	.01	.05				
g. pgvalues	478	2.79	2.78	2.83	2.85	.046	.006	.005	.002	1.01	.99	1.00	.98	31,638	47,932	213,879	.960	.354	.151	.00	-.04	-.07				
h. pgdiverse	477	2.70	2.82	2.88	2.88	.045	.006	.004	.002	.98	.99	.98	.97	31,630	47,942	478	.007	.000	.000	-.12	-.18	-.18				
i. pgprobsolve	476	2.92	2.82	2.87	2.85	.043	.005	.004	.002	.94	.96	.96	.95	31,649	47,939	214,007	.030	.284	.122	.10	.05	.07				
j. pgcitizen	475	2.64	2.68	2.73	2.74	.046	.006	.005	.002	1.01	1.00	1.01	.99	31,677	47,987	214,187	.385	.047	.035	-.04	-.09	-.10				
19 evalexp	475	3.26	3.13	3.21	3.20	.038	.004	.004	.002	.82	.79	.79	.78	488	48,200	214,922	.001	.192	.127	.17	.06	.07				
20 sameinst	478	3.26	3.15	3.23	3.20	.040	.005	.004	.002	.87	.85	.85	.85	31,872	48,398	215,523	.004	.430	.100	.13	.04	.08				
21 covidexp	476	3.01	2.97	2.96	3.02	.044	.008	.007	.003	.96	.94	.95	.94	15,967	19,190	94,785	.398	.273	.803	.04	.05	-.01				

IPEDS: 221847

Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). 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.
- c. Items which 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 & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. 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.
- e. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h . See page 2 for more details.
- f. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."