Tennessee Technological University NSSE 2016 Major Field Report, Part II Comparisons to Other Institutions Education

Comparing your students majoring in the fields shown below to those in the same fields at your comparison group institutions

The Major Field Report group 'Education' includes the following majors: Arts, fine and applied; Early childhood education; Education (general); Elementary, middle school education; Kinesiology; Mathematics education; Music; Music or art education; Other education; Parks, recreation, leisure studies, sports mgmt.; Physical education; Secondary education; Special education.



Note:

The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.



NSSE 2016 Major Field Report, Part II

About This Report

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institutionlevel comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Education.

NSSE results included in MFR, Part II

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

Related-Major Groups

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

Sample

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

Class

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

Technical Requirements

Related-major groups with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

Report Sections

Engagement Indicators (pp. 3-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your Engagement Indicators report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your High-Impact Practices report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.



Overview of Engagement Indicators: Education Tennessee Technological University

Engagement Indicators: Overview

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

Use the following key:

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

		First-	Year Students in Edu	cation		Seniors in Education	l
		Your first-year students compared with	Your first-year students compared with	Your first-year students compared with	Your seniors compared with	Your seniors compared with	Your seniors compared with
Theme	Engagement Indicator	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016
	Higher-Order Learning						
Academic	Reflective & Integrative Learning						
Challenge	Learning Strategies						Δ
	Quantitative Reasoning						
Learning with	Collaborative Learning					Δ	
Peers	Discussions with Diverse Others					lacksquare	
Experiences	Student-Faculty Interaction				Δ		
with Faculty	Effective Teaching Practices						
Campus	Quality of Interactions						
Environment	Supportive Environment			•			



Engagement Indicators: Education

Tennessee Technological University

First-year students^a in

Education	Mea	n statistics			Percer	ntile ^d scores			(Comparison re	sults	
		SD ^b	SEM ^c	5th	25th	50th	75th	95th	D	Mean	Sig. ^f	Effect size ^g
Academic Challenge	Mean	30	SEIVI	Stri	25111	SUTI	75tn	95tn	Deg. of freedom ^e	diff.	Sig.	size
Higher-Order Learning												
Tennessee Tech (N = 30)	35.5	11.1	2.02	20	30	35	40	60				
Carnegie Class	38.6	13.7	.26	15	30	40	50	60	2.742	-3.1		227
THEC Peer Group	35.5	13.7	1.04	15	25	35	45	60	197	.0		002
NSSE 2015 & 2016	38.4	13.4	.09	20	30	40	50	60	22,545	-2.9		213
	30.4	13.4	.07	20					22,343	-2.)		213
Reflective & Integrative Learning	24.4	40.0	1.00	4.5	2.5	2.4	40	40				
Tennessee Tech $(N = 29)$	34.1	10.2	1.90	17	26	34	40	49				
Carnegie Class	36.4	12.3	.23	17	29	37	46	60	2,821	-2.3		190
THEC Peer Group	33.9	11.9	.91	14	26	34	40	54	197	.2		.017
NSSE 2015 & 2016	35.7	12.1	.08	17	27	34	43	60	23,083	-1.7		137
Learning Strategies												
Tennessee Tech $(N = 29)$	39.3	12.8	2.37	20	33	40	47	60				
Carnegie Class	39.3	14.3	.27	20	27	40	53	60	2,784	.0		.002
THEC Peer Group	40.5	14.7	1.13	20	27	40	53	60	194	-1.2		081
NSSE 2015 & 2016	39.0	13.8	.09	20	27	40	47	60	22,762	.3		.020
Quantitative Reasoning												
Tennessee Tech $(N = 30)$	23.8	16.2	2.96	0	13	20	33	53				
Carnegie Class	25.3	16.6	.32	0	13	20	40	60	2,806	-1.5		090
THEC Peer Group	23.5	15.7	1.21	0	13	20	33	53	197	.3		.019
NSSE 2015 & 2016	24.6	15.9	.11	0	13	20	33	60	22,948	8		049
Learning with Peers												
Collaborative Learning												
Tennessee Tech $(N = 29)$	31.7	10.6	1.97	15	25	30	40	50				
Carnegie Class	30.3	14.7	.28	5	20	30	40	60	2,775	1.4		.095
THEC Peer Group	31.9	14.2	1.10	10	20	30	40	60	193	2		015
NSSE 2015 & 2016	32.8	13.6	.09	10	25	30	40	60	22,728	-1.1		082
Discussions with Diverse Others												
Tennessee Tech $(N = 29)$	38.8	16.4	3.05	15	30	40	55	60				
Carnegie Class	39.5	15.9	.30	10	30	40	55	60	2,799	7		044
THEC Peer Group	38.7	16.9	1.30	10	25	40	55	60	196	.1		.007
NSSE 2015 & 2016	40.0	15.5	.10	15	30	40	55	60	22,930	-1.2		077



Engagement Indicators: Education

Tennessee Technological University

First-year students^a in

Education	Mea	n statistics			Percei	ntile ^d scores	;		(Comparison re	sults	
										Mean	4	Effect
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig. ^f	size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech $(N = 28)$	25.7	17.0	3.22	0	13	23	40	55				
Carnegie Class	21.1	14.8	.28	0	10	20	30	50	2,797	4.6		.312
THEC Peer Group	22.1	15.5	1.20	0	10	20	30	55	193	3.6		.231
NSSE 2015 & 2016	22.1	14.4	.10	0	10	20	30	50	22,816	3.6		.249
Effective Teaching Practices												
Tennessee Tech $(N = 30)$	36.7	11.7	2.13	16	28	40	44	52				
Carnegie Class	40.8	13.3	.25	20	32	40	52	60	2,826	-4.1		311
THEC Peer Group	40.8	12.9	.99	16	32	40	52	60	196	-4.1		326
NSSE 2015 & 2016	40.3	12.9	.08	20	32	40	52	60	23,145	-3.7		285
Campus Environment												
Quality of Interactions												
Tennessee Tech $(N = 29)$	43.8	12.4	2.31	10	38	44	54	60				
Carnegie Class	42.1	12.5	.24	18	34	44	50	60	2,703	1.7		.137
THEC Peer Group	39.5	12.2	.95	16	32	42	48	58	192	4.3		.350
NSSE 2015 & 2016	42.7	11.9	.08	20	36	44	52	60	22,409	1.1		.093
Supportive Environment												
Tennessee Tech $(N = 30)$	33.9	10.1	1.84	20	25	35	40	55				
Carnegie Class	37.2	14.0	.27	15	28	38	48	60	30	-3.3		236
THEC Peer Group	35.8	15.1	1.17	10	23	38	45	60	55	-1.9		129
NSSE 2015 & 2016	38.1	13.4	.09	15	29	40	48	60	29	-4.2	*	312



Engagement Indicators: Education

Tennessee Technological University

Seniors^a in

Education	Mea	n statistics			Percer	ntile ^d scores			C	Comparison re	sults	
		SD ^b								Mean	f	Effect
Academic Challenge	Mean	SD	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig. ^f	size ^g
•												
Higher-Order Learning	42.2	140	1.60	10	25	45		60				
Tennessee Tech $(N = 79)$	42.3	14.9	1.68	10	35	45	55	60	2.552			440
Carnegie Class	40.8	14.0	.23	20	30	40	55	60	3,772	1.5		.110
THEC Peer Group	39.9	15.3	1.02	15	30	40	55	60	303	2.4		.160
NSSE 2015 & 2016	40.6	13.8	.08	20	30	40	50	60	28,842	1.8		.129
Reflective & Integrative Learning												
Tennessee Tech $(N = 79)$	40.4	12.5	1.41	20	31	40	51	60				
Carnegie Class	39.3	12.5	.20	20	31	40	49	60	3,842	1.1		.087
THEC Peer Group	37.5	14.4	.94	14	29	37	49	60	309	2.9		.211
NSSE 2015 & 2016	39.4	12.5	.07	20	31	40	49	60	29,466	1.0		.081
Learning Strategies												
Tennessee Tech $(N = 78)$	43.1	13.9	1.58	20	33	40	60	60				
Carnegie Class	40.4	14.8	.24	13	27	40	53	60	3,792	2.7		.181
THEC Peer Group	41.6	16.0	1.06	13	33	47	60	60	305	1.4		.093
NSSE 2015 & 2016	39.4	14.8	.09	13	27	40	53	60	29,074	3.7	*	.251
Quantitative Reasoning												
Tennessee Tech $(N = 79)$	26.3	17.3	1.95	0	13	20	40	60				
Carnegie Class	24.9	16.8	.27	0	13	20	40	60	3,827	1.5		.086
THEC Peer Group	24.6	17.3	1.14	0	13	20	33	60	309	1.8		.102
NSSE 2015 & 2016	24.8	16.9	.10	0	13	20	40	60	29,305	1.6		.092
Learning with Peers												
Collaborative Learning												
Tennessee Tech $(N = 78)$	39.3	14.5	1.64	15	30	40	50	60				
Carnegie Class	31.8	14.6	.24	10	20	30	40	60	3,778	7.5	***	.514
THEC Peer Group	35.5	14.8	.98	15	25	35	48	60	304	3.8	*	.259
NSSE 2015 & 2016	34.2	14.0	.08	10	25	35	45	60	29,009	5.1	**	.365
Discussions with Diverse Others												
Tennessee Tech $(N = 79)$	37.1	15.3	1.72	15	25	35	50	60				
Carnegie Class	40.5	16.2	.26	15	30	40	60	60	3,810	-3.4		211
THEC Peer Group	42.2	16.7	1.10	10	30	43	60	60	307	-5.1	*	311
NSSE 2015 & 2016	40.5	15.7	.09	15	30	40	55	60	29,208	-3.4		216



Engagement Indicators: Education

Tennessee Technological University

Seniors^a in

Education	Mea	n statistics			Perce	ntile ^d scores			C	Comparison re	sults	
									·	Mean		Effect
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig. ^f	size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech $(N = 77)$	29.0	16.1	1.84	0	20	25	35	60				
Carnegie Class	25.2	16.5	.27	0	10	20	35	60	3,790	3.9	*	.234
THEC Peer Group	28.6	17.4	1.15	5	15	25	40	60	304	.4		.025
NSSE 2015 & 2016	27.8	16.1	.09	5	15	25	40	60	29,073	1.3		.079
Effective Teaching Practices												
Tennessee Tech $(N = 79)$	40.9	17.5	1.97	4	28	44	56	60				
Carnegie Class	41.3	13.9	.23	16	32	40	52	60	80	4		029
THEC Peer Group	41.7	14.9	.98	16	32	44	56	60	308	8		053
NSSE 2015 & 2016	41.2	13.6	.08	20	32	40	52	60	78	3		025
Campus Environment												
Quality of Interactions												
Tennessee Tech $(N = 80)$	42.7	12.4	1.39	23	32	46	52	60				
Carnegie Class	43.1	12.1	.20	20	36	44	52	60	3,643	4		037
THEC Peer Group	42.0	11.9	.80	20	34	44	50	60	300	.6		.053
NSSE 2015 & 2016	43.3	11.3	.07	22	36	44	52	60	28,425	6		056
Supportive Environment												
Tennessee Tech $(N = 79)$	31.4	15.1	1.70	5	20	30	43	60				
Carnegie Class	33.3	14.8	.24	10	23	33	43	60	3,819	-1.9		131
THEC Peer Group	33.3	14.4	.95	10	23	33	45	60	308	-1.9		128
NSSE 2015 & 2016	34.0	14.0	.08	10	25	35	43	60	29,366	-2.6		184

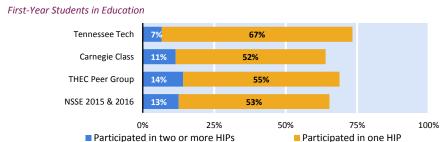


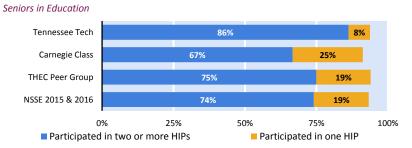
High-Impact Practices: Education

Tennessee Technological University

Overall HIP Participation^a

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





Statistical Comparisons^a

The table below compares the percentage of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	Tennessee Tech	Carnegie Cl	ass	THEC Pee	r Group	NSSE 20	015 & 2016
First-Year Students in Education	%	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	7	13	22	17	32	15	26
12. Service-learning	70	60	.21	63	.15	61	.19
11e. Research with faculty	3 I	5	07	5	07	5	07
Participated in at least one	73	64	.20	69	.10	65	.18
Participated in two or more	7	11	17	14	25	13	20
Seniors in Education							
11c. Learning community	43	28 **	.32	33	.19	33	.20
12. Service-learning	74	75	03	78	11	76	06
11e. Research with faculty	24	15 *	.21	22	.05	20	.09
11a. Internship or field exp.	84	60 ***	.54	65 **	.43	64 ***	.45
11d. Study abroad	5	8	13	5	.01	13 *	29
11f. Culminating senior exp.	59	42 **	.34	52	.13	51	.16
Participated in at least one	94	91	.10	94	01	93	.02
Participated in two or more	86	67 ***	.47	75 *	.29	74 *	.31



Frequencies and Statistical Comparisons: Education

First-Year Stu	idents ^a in					Frequer	ncy D	istribution	S				St	atistical	Comparis	sons ^k		
Education											_			Your f	first-year stud	ents compo	ared with	
				T		C		TUEC Daar C		NSSE 2015 2016	5 &	Tennessee Tech	C	:- Cl	TUECD		NSSE 201	F 8 201C
Item wording	Variable			Tennessee T	ecn	Carnegie C	iass	THEC Peer G	roup	2016		Tellilessee Tech	Carneg	Effect	THEC Pee	Effect	NSSE 201	Effect
or description	name ¹	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size n	Mean	size "	Mean	size "
1. During the current s	school year, abou	t how o	ften have you done th	e following?														
a. Asked questions or	askquest	1	Never	0	0	62	2	8	5	446	2							
contributed to course		2	Sometimes	7	23	880	31	65	38	7,466	32							
discussions in other ways		3	Often	16	53	1,031	37	52	31	8,709	38	3.0	2.9	.08	2.8	.25	2.9	.10
ways		4	Very often	7	23	826	30	44	26	6,521	28							
			Total	30	100	2,799	100	169	100	23,142	100							
b. Prepared two or more	drafts	1	Never	4	13	391	14	25	15	3,295	14							
drafts of a paper or		2	Sometimes	9	30	929	33	60	35	8,203	36							
assignment before turning it in		3	Often	8	27	831	30	51	30	6,916	30	2.7	2.6	.12	2.6	.18	2.6	.18
turning it in		4	Very often	9	30	644	23	34	20	4,666	20							
			Total	30	100	2,795	100	170	100	23,080	100							
c. Come to class without	unpreparedr	1	Very often	2	7	129	5	2	1	1,078	5							
completing readings or	(Reverse-coded	2	Often	3	10	279	10	13	8	2,536	11							
assignments	version of	3	Sometimes	16	53	1,514	54	102	60	13,089	57	3.1	3.1	07	3.2	21	3.1	01
	unprepared	4	Never	9	30	868	31	52	31	6,319	27							
	created by NSSE.)		Total	30	100	2,790	100	169	100	23,022	100							
d. Attended an art exhibit,	attendart	1	Never	7	23	1,000	36	55	32	6,287	27							
play or other arts		2	Sometimes	14	47	960	34	58	34	8,525	37							
performance (dance, music, etc.)		3	Often	4	13	461	17	30	18	4,522	20	2.2	2.1	.16	2.2	.06	2.2	01
maste, etc.)		4	Very often	5	17	372	13	27	16	3,724	16							
			Total	30	100	2,793	100	170	100	23,058	100							
e. Asked another student	CLaskhelp	1	Never	1	3	374	13	18	11	1,621	7							
to help you understand		2	Sometimes	10	33	1,118	40	66	39	8,949	39							
course material		3	Often	15	50	870	31	54	32	8,479	37	2.7	2.5	.28	2.6	.17	2.6	.10
		4	Very often	4	13	426	15	31	18	4,038	17							
			Total	30	100	2,788	100	169	100	23,087	100							
f. Explained course	CLexplain	1	Never	1	3	220	8	9	5	899	4							
material to one or more		2	Sometimes	10	33	1,094	39	63	37	8,711	38							
students		3	Often	16	53	1,025	37	74	44	9,290	40	2.7	2.6	.10	2.7	.06	2.7	03
		4	Very often	3	10	454	16	23	14	4,132	18							
			Total	30	100	2,793	100	169	100	23,032	100							



Frequencies and Statistical Comparisons: Education

lents ^a in					Frequenc	y Di	stribution	S				St	atistical	Comparis	sons ^k		
										_			Your f	irst-year stud	ents comp	ared with	
			T	rl.	Camaasia Clas	7	FUEC Daar C			5 &	Toppossoo Toch	C	:- Cl	TUECD	6	NCCE 201	F 9 201C
Variable			Tennessee I	ecn	Carnegie Cias	SS I	THEC Peer G	roup	2016		Termessee recir	Carneg		THEC Pee		NSSE 201:	.5 & 2016 Effect
name ¹	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
CLstudy	1	Never	7	23	564	20	26	15	3,131	14							
	2	Sometimes	11	37	1,008	36	59	35	8,518	37							
	3	Often	8	27	771	28	54	32	7,225	31	2.3	2.4	10	2.5	24	2.5	26
	4	Very often	4	13	454	16	31	18	4,219	18							
		Total	30	100	2,797	100	170	100	23,093	100							
CLproject	1	Never	2	7	256	9	14	8	1,442	6							
	2	Sometimes	11	38	1,125	40	60	36	9,044	39							
	3	Often	12	41	951	34	64	38	8,515	37	2.6	2.6	.05	2.7	04	2.7	04
	4	Very often	4	14	458	16	30	18	4,039	18							
		Total	29	100	2,790	100	168	100	23,040	100							
present	1	Never	5	17	509	18	49	29	3,345	14							
	2	Sometimes	13	43	1,126	40	65	38	9,995	43							
	3	Often	9	30	789	28	37	22	6,655	29	2.3	2.4	03	2.1	.20	2.4	09
	4	Very often	3	10	369	13	18	11	3,074	13							
		Total	30	100	2,793	100	169	100	23,069	100							
nool vear, abo	ut how o	often have you done th	e following?													,	
RIintegrate	1	Never	0	0	216	8	15	9	1,460	6							
, and the second	2	Sometimes	11	38	1,046	37	72	43	8,891	38							
	3	Often	13	45	1,012	36	61	36	8,642	37	2.8	2.7	.16	2.5	.34	2.7	.15
	4	Very often	5	17	519	19	21	12	4,105	18							
		Total	29	100	2,793	100	169	100	23,098	100							
RIsocietal	1	Never	3	10	222	8	21	12	1,698	7							
	2	Sometimes	12	41	1,052	38	70	41	9,150	40							
	3	Often	11	38	1,018	37	56	33	8,330	36	2.5	2.6	18	2.5	.01	2.6	16
	4	Very often	3	10	493	18	23	14	3,820	17							
		Total	29	100	2,785	100	170	100	22,998	100							
RIdiverse	1	Never	2	7	235	8	19	11	1,951	8							
	2	Sometimes	11	38	1,069	38	75	44	9,119	40							
	3	Often	15	52	942	34	49	29	8,003	35	2.5	2.6	14	2.5	.03	2.6	10
	4	Very often	1	3	545	20	27	16	3,971	17							
		•		100					-								
	Variable name' CLstudy CLproject present nool year, abo Rlintegrate	Variable name Values CLstudy	Variable name' Values Response options CLstudy 1 Never 2 Sometimes 3 Often 4 Very often Total CLproject 1 Never 2 Sometimes 3 Often 4 Very often Total present 1 Never 2 Sometimes 3 Often 4 Very often Total present 1 Never 2 Sometimes 3 Often 4 Very often Total Never 2 Sometimes 3 Often 4 Very often Total RIintegrate 1 Never 2 Sometimes 3 Often 4 Very often Total RIsocietal 1 Never 2 Sometimes 3 Often 4 Very often Total RIsocietal 1 Never 2 Sometimes 3 Often 4 Very often Total RIsocietal 1 Never 2 Sometimes 3 Often 4 Very often Total RIsocietal 1 Never 2 Sometimes 3 Often 4 Very often Total RIsocietal 1 Never 2 Sometimes 3 Often 4 Very often Total RIdiverse 1 Never 2 Sometimes 3 Often 4 Very often Total RIdiverse 1 Never	Variable name' Values''' Response options Count	Variable name¹ Values™ Response options Count % CLstudy 1 Never 7 23 2 Sometimes 11 37 3 Often 8 27 4 Very often 4 13 Total 30 100 CLproject 1 Never 2 7 2 Sometimes 11 38 3 Often 12 41 4 Very often 12 41 4 Very often 14 14 7 Total 29 100 present 1 Never 5 17 2 Sometimes 13 43 3 Often 9 30 4 Very often 3 10 100l year, about how often have you done the following? 10 RIintegrate 1 Never 0 2 Sometimes 11 38 3 Often 13 45 4 Very often 5 17 Total 29 100	Variable name' Values Response options Count % Count	Variable name' Response options Count % Count % CLstudy 1 Never 23 564 20 CLstudy 1 Never 23 564 20 2 Sometimes 11 37 1,008 36 4 Very often 4 13 454 16 1 Never 2 7 256 9 CLproject 1 Never 2 7 256 9 2 Sometimes 11 38 1,125 40 3 Often 12 41 951 34 4 Very often 4 14 458 16 5 Total 29 100 2,790 100 9 Never 5 17 509 18 1 Never 5 17 509 18 1 Very often 3 10 2,790	Variable Never 1 Never 2 7 256 9 14	Variable name* Response options Count ★ Count ★ Count ★ CLstudy 1 Never 7 23 564 20 26 15 2 2 Sometimes 11 37 1,008 36 59 35 3 Often 8 27 771 28 54 32 4 Very often 4 13 454 16 31 18 1 Total 30 100 2,797 100 170 100 CLproject 1 Never 2 7 256 9 14 8 2 Sometimes 111 38 1,125 40 60 36 4 Very often 4 14 458 16 30 18 4 Very often 4 14 458 16 30 18 9 30 Often 13	Note Note	Variable name* Variable Properties Count Properties 5 Count Properties 7 Count Properties 8 Count Pro	Varioble Never 1 Never 2 1 Never 2 1 Never 2 1 Never 3 1 Never 3 1 Never 4 Never	Part Part	Part Part	Varioble Varioble	Part Part	Note Parish Par



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequen	cy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education														Your f	first-year stud	ents compo	ared with	
Laucation										NSSE 2015	8							
				Tennessee T	ech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi	ie Class	THEC Pee	r Group	NSSE 201	5 & 201
Item wording	Variable		n .											Effect		Effect		Effec
or description d. Examined the strengths	name ¹ RIownview	Values 1	Response options Never	Count 1	3	Count 108	<u>%</u> 4	Count 7	<u>%</u> 4	1,000	<u>%</u> 4	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size
and weaknesses of	Riowiiview	2	Sometimes	10	34	870	31	67	40	7,614	33							
your own views on a		3	Often	12	41	1.175	42	62	37	9,885	43	2.8	2.8	05	2.7	.10	2.8	.02
topic or issue		4	Very often	6	21	633	23	32	19	4,525	20	2.0	2.6	03	2.1	.10	2.0	.02
		-	Total	29	100	2,786	100	168	100	23,024	100							
e. Tried to better	RIperspect	1	Never	0	0	67	2	5	3	646	3							
understand someone		2	Sometimes	13	45	747	27	52	31	6,785	29							
else's views by		3	Often	14	48	1.235	44	66	39	10,087	44	2.6	2.9 *	42	2.9	36	2.9	34
imagining how an issue looks from his or her		4	Very often	2	7	740	27	47	28	5,484	24	2.0	▼	12	2.7	.50	2.7	.54
perspective			Total	29	100	2,789	100	170	100	23,002	100		•					
f. Learned something that changed the way you	RInewview	1	Never	1	3	68	2	2	1	553	2							
understand an issue or		2	Sometimes	9	31	821	29	67	39	7,040	31	2.0						
concept		3	Often	13	45	1,196	43	69	41	10,058	44	2.8	2.9	10	2.8	.07	2.9	06
		4	Very often	6	21	704	25	32	19	5,346	23							
g. Connected ideas from	DI	1	Total Never	29	100	2,789	100	170	100	22,997	100							
your courses to your	RIconnect	2		5	3 17	52 577		5										
prior experiences and		3	Sometimes Often	19	66	1,243	21 45	37 85	22 50	4,924	21 47	2.9	2.1	20	2.0	1.1	2.1	24
knowledge		4		4	14	937	34	43	25	10,723 7,093	31	2.9	3.1	28	3.0	11	3.1	24
		4	Very often Total	29	100	2,789	100	170	100	22,977	100							
					100	2,769	100	170	100	22,911	100							
3. During the current sci																		
a. Talked about career plans with a faculty	SFcareer	1		3	10	476	17	29	17	3,579	16							
member		2	Sometimes	14	47	1,261	45	75	45	10,514	46	2.5						
		3	Often	9	30	700	25	40	24	6,018	26	2.5	2.3	.14	2.4	.13	2.4	.12
		4	Very often	4	13	361	13	24	14	2,940	13							
	an i		Total	30	100	2,798	100	168	100	23,051	100							
b. Worked with a faculty member on activities	SFotherwork	1	Never	12	40	1,456	52	79 54	47	10,638	46							
other than coursework		2	Sometimes	9	30	786	28	54	32	7,518	33	2.0						
(committees, student		3	Often	6	20	349	13	23	14	3,279	14	2.0	1.7	.27	1.8	.20	1.8	.20
groups, etc.)		4	Very often	3	100	201	7	12	7	1,571	7							
			Total	30	100	2,792	100	168	100	23,006	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	lents ^a in					Frequer	icy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education														Your f	irst-year stude	ents comp	ared with	
								- 0.5 0		NSSE 2015	&	Tannassaa Tash			TUE 0 0		NGGE 2041	- 0 2046
	Variable			Tennessee T	ecn	Carnegie Ci	ass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi	e Class Effect	THEC Pee	er Group Effect	NSSE 201	5 & 2016 Effect
Item wording or description	name ^l	Values'	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size"	Mean	size"	Mean	size ⁿ
c. Discussed course	SFdiscuss	1	Never	9	32	1,038	37	58	34	6,794	30							
topics, ideas, or		2	Sometimes	8	29	1,069	38	67	40	10,047	44							
concepts with a faculty member outside of		3	Often	6	21	450	16	26	15	4,303	19	2.3	2.0	.32	2.0	.23	2.1	.22
class		4	Very often	5	18	232	8	18	11	1,826	8							
			Total	28	100	2,789	100	169	100	22,970	100							
d. Discussed your	SFperform	1	Never	5	17	666	24	40	24	4,822	21							
academic performance		2	Sometimes	11	37	1,245	45	72	43	10,786	47							
with a faculty member		3	Often	9	30	581	21	33	20	5,143	22	2.5	2.2	.31	2.2	.23	2.2	.30
with a faculty member		4	Very often	5	17	298	11	24	14	2,207	10							
			Total	30	100	2,790	100	169	100	22,958	100							
I. During the current sch	ool vear, how	much l	as vour coursework e	mphasized the	e follo	wing?												
a. Memorizing course	memorize	1	•	0	0	138	5	7	4	948	4							
material		2	Some	5	17	747	27	47	28	5,925	26							
		3	Quite a bit	17	57	1,180	42	69	41	10,254	44	3.1	2.9	.25	2.9	.23	2.9	.22
		4	Very much	8	27	724	26	46	27	5,933	26							
			Total	30	100	2,789	100	169	100	23,060	100							
b. Applying facts,	HOapply	1	Very little	0	0	122	4	12	7	803	3							
theories, or methods to		2	Some	12	40	763	28	56	33	6,200	27							
practical problems or		3	Quite a bit	13	43	1,226	44	69	41	10,474	46	2.8	2.9	13	2.7	.06	2.9	17
new situations		4	Very much	5	17	663	24	32	19	5,492	24							
			Total	30	100	2,774	100	169	100	22,969	100							
c. Analyzing an idea,	HOanalyze	1	Very little	1	3	108	4	7	4	874	4							
experience, or line of		2	Some	12	40	715	26	58	34	6,014	26							
reasoning in depth by		3	Quite a bit	11	37	1,181	42	68	40	10,003	44	2.7	2.9	25	2.8	07	2.9	23
examining its parts		4	Very much	6	20	775	28	37	22	6,036	26							
			Total	30	100	2,779	100	170	100	22,927	100							
d. Evaluating a point of	HOevaluate	1	Very little	0	0	92	3	8	5	796	3							
view, decision, or		2	Some	7	23	660	24	47	28	5,888	26							
information source		3	Quite a bit	18	60	1,244	45	80	47	10,338	45	2.9	3.0	05	2.8	.13	2.9	.00
		4	Very much	5	17	769	28	35	21	5,920	26							
			Total	30	100	2,765	100	170	100	22,942	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	lents ^a in					Frequen	ıcy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education														Your f	first-year stude	ents compo	ared with	
				T	F I.	C		THE C Day of C		NSSE 2015	5 &	Tannassaa Tash	6	:- Cl	TUECD		NICCE 204F	- 0 2046
Marin consulting	Variable			Tennessee 1	lecn	Carnegie Ci	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	Effect	THEC Pee	r Group Effect	NSSE 2015	Effect
Item wording or description	name ¹	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size"	Mean	size "	Mean	size "
e. Forming a new idea or	HOform	1	Very little	1	3	112	4	8	5	831	4							
understanding from		2	Some	13	43	736	27	57	34	6,188	27							
various pieces of information		3	Quite a bit	11	37	1,199	43	74	44	10,068	44	2.7	2.9	30	2.8	11	2.9	30
momation		4	Very much	5	17	728	26	31	18	5,838	25							
			Total	30	100	2,775	100	170	100	22,925	100							
5. During the current sch	nool year, to w	hat exte	nt have your instructo	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	0	0	60	2	5	3	370	2							
course goals and		2	Some	4	13	494	18	22	13	4,151	18							
requirements		3	Quite a bit	17	57	1,187	42	76	45	10,618	46	3.2	3.2	.01	3.2	05	3.1	.04
		4	Very much	9	30	1,056	38	66	39	7,974	35							
			Total	30	100	2,797	100	169	100	23,113	100							
b. Taught course sessions	ETorganize	1	Very little	3	10	83	3	6	4	564	2							
in an organized way		2	Some	3	10	506	18	29	17	4,326	19							
		3	Quite a bit	15	50	1,209	43	79	47	10,668	46	3.0	3.1	14	3.1	09	3.1	12
		4	Very much	9	30	994	36	53	32	7,519	33							
			Total	30	100	2,792	100	167	100	23,077	100							
c. Used examples or	ETexample	1	Very little	2	7	102	4	8	5	650	3							
illustrations to explain		2	Some	8	27	582	21	30	18	4,632	20							
difficult points		3	Quite a bit	15	50	1,080	39	73	43	9,750	42	2.8	3.1 *	38	3.1	36	3.1 *	40
		4	Very much	5	17	1,024	37	57	34	8,003	35		\blacksquare				▼	
			Total	30	100	2,788	100	168	100	23,035	100							
d. Provided feedback on a	ETdraftfb	1	Very little	4	13	167	6	6	4	1,320	6							
draft or work in		2	Some	10	33	687	25	44	26	5,802	25							
progress		3	Quite a bit	12	40	985	35	66	39	8,686	38	2.5	3.0 **	49	3.0 **	52	2.9 *	47
		4	Very much	4	13	951	34	52	31	7,228	31		\blacksquare		▼		▼	
			Total	30	100	2,790	100	168	100	23,036	100							
e. Provided prompt and	ETfeedback	1	Very little	4	14	226	8	9	5	1,641	7		<u> </u>			<u> </u>		<u> </u>
detailed feedback on		2	Some	6	21	742	27	50	30	6,686	29							
tests or completed assignments		3	Quite a bit	14	48	986	36	59	36	8,781	38	2.7	2.9	19	2.9	21	2.8	15
		4	Very much	5	17	821	30	48	29	5,879	26							
			Total	29	100	2,775	100	166	100	22,987	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	ıdents ^a in					Frequen	су С	istribution	S				St	atistical	Comparis	sons ^k		
Education										NSSE 2015	i &			Your j	first-year stud	ents compo	ared with	
				Tennessee T	Tech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	-	NSSE 201	
Item wording or description	Variable name ^I	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
6. During the current	school year, abou	t how o	often have you done th	e following?														
a. Reached conclusions	QRconclude	1	Never	5	17	495	18	27	16	3,954	17							
based on your own		2	Sometimes	11	37	1,048	37	72	42	9,138	40							
analysis of numerical		3	Often	11	37	845	30	49	29	7,125	31	2.4	2.4	02	2.4	.01	2.4	.01
information (numbers, graphs, statistics, etc.)		4	Very often	3	10	414	15	22	13	2,886	12							
graphs, statistics, etc.)			Total	30	100	2,802	100	170	100	23,103	100							
b. Used numerical	QRproblem	1	Never	8	27	707	25	51	30	5,973	26							
information to examine		2	Sometimes	12	40	1,130	40	74	44	9,694	42							
a real-world problem o	r	3	Often	7	23	660	24	32	19	5,386	23	2.2	2.2	03	2.0	.14	2.2	.02
issue (unemployment, climate change, public		4	Very often	3	10	298	11	13	8	2,027	9							
health, etc.)			Total	30	100	2,795	100	170	100	23,080	100							
,,						_,,,,,		-,,										
c. Evaluated what others	QRevaluate	1	Never	10	33	703	25	48	28	5,774	25							
have concluded from		2	Sometimes	11	37	1,159	42	72	43	9,984	43							
numerical information		3	Often	8	27	665	24	37	22	5,395	23	2.0	2.2	19	2.1	09	2.1	16
		4	Very often	1	3	263	9	12	7	1,870	8							
			Total	30	100	2,790	100	169	100	23,023	100							
7. During the current	school year, abou	t how r	nany papers, reports,	or other writi	ing ta	sks of the fol	lowir	ig length hav	e you	been assign	ed? (I	nclude those not y	et comple	eted.)				
a. Up to 5 pages	wrshortnum	0	None	2	7	142	5	17	10	936	4							
	(Recoded version	1.5	1-2	11	38	496	18	29	18	4,177	18							
	of wrshort created	4	3-5	7	24	869	31	63	38	7,106	31							
	by NSSE. Values	8	6-10	6	21	680	25	40	24	5,629	25	4.7	6.9 *	39	5.1	10	7.1 *	41
	are estimated	13	11-15	2	7	310	11	12	7	2,511	11		•				▼	
	number of papers, reports, etc.)	18	16-20	1	3	131	5	3	2	1,183	5							
	reports, etc.)	23	More than 20	0	0	133	5	1	1	1,199	5							
			Total	29	100	2,761	100	165	100	22,741	100							
b. Between 6 and 10	wrmednum	0	None	19	68	1,005	38	84	53	7,518	34							
pages	(Recoded version	1.5	1-2	5	18	1,002	37	49	31	9,253	42							
	of wrmed created	4	3-5	2	7	446	17	17	11	3,801	17							
	by NSSE. Values	8	6-10	2	7	164	6	7	4	1,201	5	1.1	2.1	31	1.5	14	2.0	33
	are estimated	13	11-15	0	0	35	1	3	2	261	1							
	number of papers, reports, etc.)	18	16-20	0	0	13	0	0	0	84	0							
	reports, etc.)	23	More than 20	0	0	13	0	0	0	59	0							
			Total	28	100	2,678	100	160	100	22,177	100							



Frequencies and Statistical Comparisons: Education

irct_Vaar Stu	ıdents ^a in					Fragues	ov D	ictribution	_				C+	atictical	Comparis	conck		
	idents in					rrequei	icy D	istribution	5				316		irst-year stud		arad with	
ducation										NSSE 2015	. &	-		Tour Ji	rst-yeur stuu	ents compo	irea with	
				Tennessee T	ech	Carnegie Cl	ass	THEC Peer G	oup	2016	ď	Tennessee Tech	Carnegi	ie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name '		Response options	Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
c. 11 pages or more	wrlongnum	0	None 1-2	26 2	87 7	2,125	80 14	132	86	17,202	79							
	(Recoded version	1.5		2	3	359	2	16	10	3,461	16							
	of wrlong created by NSSE. Values	4	3-5	1	3	61		0	0	489	2	_			_		_	
	are estimated	8	6-10	0	0	42	2	2	1	282	1	.5	.8	10	.5	01	.7	07
	number of papers,	13	11-15	Ŭ	Ů	29	1	3	2	151	1							
	reports, etc.)	18	16-20	0	0	11	0	0	0	63	0							
		23	More than 20	0	0	14	1	0	0	72	0							
T. C. 1 1 C.			Total	30	100	2,641	100	153	100	21,720	100							
Estimated number of assigned pages of	wrpages																	
student writing.	(Continuous variah	le reco	ed and summed by NSSE									29.4	46.7	28	33.7	10	45.3	30
· ·	from wrshort, wrm		•															
	estimated pages of	assigned	writing.)															
During the current	school year, abou	t how o	ften have you had disc	cussions with	peopl	e from the fo	ollowi	ng groups?										
_	school year, abou DDrace	t how o	ften have you had disc Never	cussions with	people 3	e from the fo	ollowi 6	ng groups?	8	1,005	4							
_				cussions with 1 8					8 21	1,005 5,715	4 25							
a. People of a race or		1	Never	1	3	162	6	13		,		3.0	3.1	08	3.0	03	3.1	07
People of a race or ethnicity other than		1 2	Never Sometimes	1 8	3 27	162 621	6 22	13 35	21	5,715	25	3.0	3.1	08	3.0	03	3.1	07
a. People of a race or ethnicity other than		1 2 3	Never Sometimes Often	1 8 11	3 27 37	162 621 878	6 22 31	13 35 57	21 34	5,715 7,222	25 31	3.0	3.1	08	3.0	03	3.1	07
a. People of a race or ethnicity other than your own		1 2 3	Never Sometimes Often Very often	1 8 11 10	3 27 37 33	162 621 878 1,142	6 22 31 41	13 35 57 65	21 34 38	5,715 7,222 9,178	25 31 40	3.0	3.1	08	3.0	03	3.1	07
n. People of a race or ethnicity other than your own	DDrace	1 2 3 4	Never Sometimes Often Very often Total	1 8 11 10 30	3 27 37 33 100	162 621 878 1,142 2,803	6 22 31 41 100	13 35 57 65 170	21 34 38 100	5,715 7,222 9,178 23,120	25 31 40 100	3.0	3.1	08	3.0	03	3.1	07
a. People of a race or ethnicity other than your own	DDrace	1 2 3 4	Never Sometimes Often Very often Total Never	1 8 11 10 30	3 27 37 33 100	162 621 878 1,142 2,803	6 22 31 41 100	13 35 57 65 170	21 34 38 100 6	5,715 7,222 9,178 23,120	25 31 40 100 4	2.9	3.1	08	3.0		3.1	
a. People of a race or ethnicity other than your own D. People from an economic background	DDrace	1 2 3 4	Never Sometimes Often Very often Total Never Sometimes	1 8 11 10 30 2 6	3 27 37 33 100 7 20	162 621 878 1,142 2,803 143 644	6 22 31 41 100 5 23	13 35 57 65 170 10 40	21 34 38 100 6 24	5,715 7,222 9,178 23,120 968 5,332	25 31 40 100 4 23					03		07
a. People of a race or ethnicity other than your own D. People from an economic background	DDrace	1 2 3 4	Never Sometimes Often Very often Total Never Sometimes Often	1 8 11 10 30 2 6 14	3 27 37 33 100 7 20 47	162 621 878 1,142 2,803 143 644 973	6 22 31 41 100 5 23 35	13 35 57 65 170 10 40 59	21 34 38 100 6 24 35	5,715 7,222 9,178 23,120 968 5,332 8,239	25 31 40 100 4 23 36							
a. People of a race or ethnicity other than your own D. People from an economic background other than your own	DDrace	1 2 3 4	Never Sometimes Often Very often Total Never Sometimes Often Very often	1 8 11 10 30 2 6 14 8	3 27 37 33 100 7 20 47 27	162 621 878 1,142 2,803 143 644 973 1,036	6 22 31 41 100 5 23 35 37	13 35 57 65 170 10 40 59 60	21 34 38 100 6 24 35 36	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546	25 31 40 100 4 23 36 37							
a. People of a race or ethnicity other than your own D. People from an economic background other than your own	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4	Never Sometimes Often Very often Total Never Sometimes Often Very often Total	1 8 11 10 30 2 6 14 8 30	3 27 37 33 100 7 20 47 27 100	162 621 878 1,142 2,803 143 644 973 1,036 2,796	6 22 31 41 100 5 23 35 37 100	13 35 57 65 170 10 40 59 60	21 34 38 100 6 24 35 36 100	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085	25 31 40 100 4 23 36 37 100							
D. People of a race or ethnicity other than your own D. People from an economic background other than your own E. People with religious	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never	1 8 11 10 30 2 6 14 8 30	3 27 37 33 100 7 20 47 27 100	162 621 878 1,142 2,803 143 644 973 1,036 2,796	6 22 31 41 100 5 23 35 37 100	13 35 57 65 170 10 40 59 60 169	21 34 38 100 6 24 35 36 100	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558	25 31 40 100 4 23 36 37 100							
D. People of a race or ethnicity other than your own D. People from an economic background other than your own D. People with religious beliefs other than your	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Sometimes	1 8 11 10 30 2 6 14 8 30	3 27 37 33 100 7 20 47 27 100	162 621 878 1,142 2,803 143 644 973 1,036 2,796	6 22 31 41 100 5 23 35 37 100 7	13 35 57 65 170 10 40 59 60 169	21 34 38 100 6 24 35 36 100 8 31	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558 6,363	25 31 40 100 4 23 36 37 100 7 28	2.9	3.0	12	3.0	07	3.1	14
a. People of a race or ethnicity other than your own D. People from an economic background other than your own E. People with religious beliefs other than your	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4 1 2 3 3	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Often Often Often Often Often Often Often	1 8 11 10 30 2 6 14 8 30 3 8	3 27 37 33 100 7 20 47 27 100 10 27 33	162 621 878 1,142 2,803 143 644 973 1,036 2,796 201 831 813	6 22 31 41 100 5 23 35 37 100 7 30 29	13 35 57 65 170 10 40 59 60 169 14 53 51	21 34 38 100 6 24 35 36 100 8 31 30	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558 6,363 7,058	25 31 40 100 4 23 36 37 100 7 28 31	2.9	3.0	12	3.0	07	3.1	14
a. People of a race or ethnicity other than your own D. People from an economic background other than your own D. People with religious beliefs other than your own	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4 1 2 3 3	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Total Very often Total Very often Very often Very often	1 8 11 10 30 2 6 14 8 30 3 8 10	3 27 37 33 100 7 20 47 27 100 10 27 33 30	162 621 878 1,142 2,803 143 644 973 1,036 2,796 201 831 813 948	6 22 31 41 100 5 23 35 37 100 7 30 29 34	13 35 57 65 170 10 40 59 60 169 14 53 51	21 34 38 100 6 24 35 36 100 8 31 30 31	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558 6,363 7,058 8,103	25 31 40 100 4 23 36 37 100 7 28 31 35	2.9	3.0	12	3.0	07	3.1	14
People of a race or ethnicity other than your own People from an economic background other than your own People with religious beliefs other than your own	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4 4 1 2 3 4 4	Never Sometimes Often Very often Total Total Never	1 8 11 10 30 2 6 14 8 30 3 8 10	3 27 37 33 100 7 20 47 27 100 10 27 33 30 100	162 621 878 1,142 2,803 143 644 973 1,036 2,796 201 831 813 948 2,793	6 22 31 41 100 5 23 35 37 100 7 30 29 34 100	13 35 57 65 170 10 40 59 60 169 14 53 51 52	21 34 38 100 6 24 35 36 100 8 31 30 31	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558 6,363 7,058 8,103 23,082	25 31 40 100 4 23 36 37 100 7 28 31 35 100	2.9	3.0	12	3.0	07	3.1	14
Deople of a race or ethnicity other than your own People from an economic background other than your own People with religious beliefs other than your own People with political	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Never Sometimes Often Very often Total Never	1 8 11 10 30 2 6 14 8 30 3 8 10 9 30	3 27 37 33 100 7 20 47 27 100 10 27 33 30 100	162 621 878 1,142 2,803 143 644 973 1,036 2,796 201 831 813 948 2,793 211	6 22 31 41 100 5 23 35 37 100 7 30 29 34 100 8	13 35 57 65 170 10 40 59 60 169 14 53 51 52 170	21 34 38 100 6 24 35 36 100 8 31 30 31 100	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558 6,363 7,058 8,103 23,082 1,492	25 31 40 100 4 23 36 37 100 7 28 31 35 100 6	2.9	3.0	12	3.0	07	3.1	14
a. People of a race or ethnicity other than your own D. People from an economic background other than your own E. People with religious beliefs other than your own d. People with political views other than your	DDrace DDeconomic DDreligion	1 2 3 4 1 2 3 4 1 2 2 3 4	Never Sometimes Often Very often Total Never Sometimes Sometimes Often	1 8 11 10 30 2 6 14 8 30 3 8 10 9 30	3 27 37 33 100 7 20 47 27 100 10 27 33 30 100 3 28	162 621 878 1,142 2,803 143 644 973 1,036 2,796 201 831 813 948 2,793 211	6 22 31 41 100 5 23 35 37 100 7 30 29 34 100 8 28	13 35 57 65 170 10 40 59 60 169 14 53 51 52 170	21 34 38 100 6 24 35 36 100 8 31 30 31 100 9 28	5,715 7,222 9,178 23,120 968 5,332 8,239 8,546 23,085 1,558 6,363 7,058 8,103 23,082 1,492 6,241	25 31 40 100 4 23 36 37 100 7 28 31 35 100 6 27	2.9	2.9	12	2.8	07	2.9	14



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Freque	ncy D	istribution	ıS				St	atistical	Comparis	sons ^k		
Education														Your f	first-year stud	ents compo	ared with	
										NSSE 2015	5 &	T T b				_		
				Tennessee 7	Tech	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	gie Class	THEC Pee	•	NSSE 201	
Item wording or description	Variable name ^l	Values ⁿ	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current se	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	0	0	53	2	5	3	309	1							
information from		2	Sometimes	6	20	569	20	38	22	4,500	20							
reading assignments		3	Often	19	63	1,179	42	62	36	10,477	45	3.0	3.1	19	3.1	16	3.1	20
		4	Very often	5	17	994	36	65	38	7,783	34							
			Total	30	100	2,795	100	170	100	23,069	100							
b. Reviewed your notes	LSnotes	1	Never	2	7	146	5	4	2	1,063	5							
after class		2	Sometimes	6	20	797	29	47	28	6,816	30							
		3	Often	12	40	944	34	51	30	8,020	35	3.0	2.9	.07	3.1	07	2.9	.09
		4	Very often	10	33	901	32	66	39	7,122	31							
			Total	30	100	2,788	100	168	100	23,021	100							
c. Summarized what you	LSsummary	1	Never	2	7	163	6	11	7	1,366	6							
learned in class or from		2	Sometimes	5	17	847	30	40	24	7,178	31							
course materials		3	Often	14	48	1,012	36	69	41	8,457	37	3.0	2.9	.13	2.9	.05	2.8	.16
		4	Very often	8	28	758	27	49	29	5,876	26							
			Total	29	100	2,780	100	169	100	22,877	100							
10. During the current	school year, to	what ex	tent have your courses	challenged y	ou to	do your bes	t worl	ς?										
	challenge	1	Not at all	0	0	13	0	1	1	69	0							
		2		0	0	20	1	1	1	167	1							
		3		1	3	84	3	4	2	574	2							
		4		6	20	287	10	21	12	2,160	9	5.7	5.6	.07	5.5	.18	5.6	.11
		5		5	17	867	31	61	36	7,763	34							
		6		7	23	756	27	43	25	7,206	31							
		7	Very much	11	37	772	28	38	22	5,124	22							
			Total	30	100	2,799	100	169	100	23,063	100							
11. Which of the follow	ing have you do	one or d	o you plan to do befor	e you gradua	te?°													
a. Participate in an	intern		Have not decided	3	10	233	8	20	12	1,942	8							
internship, co-op, field	(Means indicate		Do not plan to do	1	3	94	3	7	4	686	3							
experience, student teaching, or clinical	the percentage		Plan to do	25	83	2,180	78	132	78	17,776	77	3%	11%	30	6%	15	12%	33
placement	who responded		Done or in progress	1	3	300	11	11	6	2,726	12							
rcomoni	"Done or in progress.")		Total	30	100	2,807	100	170	100	23,130	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequer	су С	istribution	S				St	atistical	l Compari	sons ^k		
Education															first-year stua		ared with	
Luucation				Tennessee ⁻	Гесh	Carnegie Cl	ass	THEC Peer G	roup	NSSE 2015 2016	8	Tennessee Tech	Carneg	ie Class	THEC Pe	er Group	NSSE 201	5 & 2016
Item wording	Variable I		7				۰,		21					Effect		Effect		Effect
or description b. Hold a formal	name ¹ leader	Values '	Response options Have not decided	Count	30	Count 802	29	Count 52	31	6,751	% 29	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
leadership role in a			Do not plan to do	8	27	791	28	40	24	5,590	24							
student organization or	(Means indicate the percentage		Plan to do	10	33	932	33	66	39	8,289	36	10%	10%	.01	7%	.13	11%	02
group	who responded		Done or in progress	3	10	273	10		7	2,436	11	20 / 0	1070	.01	,,,		1170	.02
	"Done or in progress.")		Total	30	100	2,798	100	169	100	23,066	100							
c. Participate in a learning	learncom		Have not decided	10	33	976	35	61	36	7,839	34							
community or some	(Means indicate		Do not plan to do	8	27	704	25	40	24	5,681	25							
other formal program where groups of	the percentage		Plan to do	10	33	752	27	40	24	6,153	27	7%	13%	22	17%	32	15%	26
students take two or	who responded		Done or in progress	2	7	365	13	28	17	3,373	15							
more classes together	"Done or in progress.")		Total	30	100	2,797	100	169	100	23,046	100							
d. Participate in a study	abroad		Have not decided	11	37	889	32	53	31	6,999	30							
abroad program	(Means indicate		Do not plan to do	11	37	916	33	60	35	6,508	28							
	the percentage		Plan to do	8	27	919	33	53	31	8,902	39	0%	2%	31	2%	31	3%	33
	who responded		Done or in progress	0	0	66	2	4	2	623	3							
	"Done or in progress.")		Total	30	100	2,790	100	170	100	23,032	100							
e. Work with a faculty	research		Have not decided	10	33	1,183	43	77	46	9,557	42							
member on a research	(Means indicate		Do not plan to do	8	27	841	30	49	29	6,651	29							
project	the percentage		Plan to do	11	37	628	23	35	21	5,692	25	3%	5%	07	5%	07	5%	07
	who responded		Done or in progress	1	3	131	5	8	5	1,071	5							
	"Done or in progress.")		Total	30	100	2,783	100	169	100	22,971	100							
f. Complete a culminating	capstone		Have not decided	14	47	955	34	51	30	7,073	31							
senior experience	(Means indicate		Do not plan to do	2	7	315	11	18	11	2,124	9							
(capstone course, senior project or thesis,	the percentage		Plan to do	14	47	1,436	52	92	55	13,145	57	0%	3%	34	4%	41	3%	34
comprehensive exam,	who responded		Done or in progress	0	0	81	3	7	4	651	3							
portfolio, etc.)	"Done or in progress.")		Total	30	100	2,787	100	168	100	22,993	100							
12. About how many of	your courses at	this in	stitution have included	l a communit	y-base	ed project (se	rvice	e-learning)?										
·	servcourse	1	None	9	30	1,114	40	63	37	8,985	39							
		2	Some	18	60	1,353	49	95	56	11,682	51							
		3	Most	2	7	258	9	11	6	1,955	9	1.8	1.7	.14	1.7	.20	1.7	.17
		4	All	1	3	59	2	1	1	320	1							
			Total	30	100	2,784	100	170	100	22,942	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	ıdents ^a in	1				Freque	ncy D	istributior	ıs				St		l Compari			
Education				Tennessee 1	Fo ob	Carnagia	lace	THEC Peer G		NSSE 2015 2016	5 &	Tennessee Tech	Carnos	Your j	first-year stud	· · · · · ·	nred with NSSE 201	r 9 201 <i>6</i>
Item wording	Variable			Tennessee	lecn	Carriegie C	1455	THEC Peer G	roup	2016		Termessee Tech	Carne	Effect	THEC PE	Effect	N33E 201	Effect
or description	name ^l	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
13. Indicate the quality	y of your interac	ctions wi	th the following peopl	e at your inst	itutio	n.												
a. Students	QIstudent	1	Poor	0	0	47	2	2	1	292	1							
		2		1	3	61	2	3	2	447	2							
		3		1	3	115	4	12	7	954	4							
		4		5	17	314	11	25	15	2,302	10							
		5		7	23	674	24	48	28	5,471	24	5.5	5.5	.00	5.3	.19	5.6	04
		6		6	20	716	26	45	26	6,768	29							
		7	Excellent	10	33	848	30	34	20	6,783	29							
		_	Not applicable	0	0	30	1	1	1	116	1							
			Total	30	100	2,805	100	170	100	23,133	100							
b. Academic advisors	QIadvisor	1	Poor	1	3	82	3	7	4	676	3							
		2		2	7	125	4	7	4	1,005	4							
		3		0	0	210	8	13	8	1,667	7							
		4		1	3	365	13	25	15	3,010	13							
		5		11	37	529	19	35	21	4,530	20	5.5	5.3	.13	5.1	.24	5.3	.13
		6		4	13	588	21	43	25	5,111	22							
		7	Excellent	11	37	845	30	38	22	6,721	29							
		_	Not applicable	0	0	49	2	2	1	363	2							
			Total	30	100	2,793	100	170	100	23,083	100							
c. Faculty	QIfaculty	1	Poor	0	0	42	2	1	1	309	1							
		2		1	3	85	3	6	4	568	2							
		3		2	7	161	6	16	10	1,225	5							
		4		2	7	362	13	24	14	2,991	13							
		5		6	20	652	23	44	26	5,587	24	5.6	5.4	.18	5.2	.32	5.4	.17
		6		10	33	757	27	44	26	6,756	29							
		7	Excellent	9	30	693	25	33	20	5,413	24							
		_	Not applicable	0	0	41	1	0	0	161	1							
			Total	30	100	2,793	100	168	100	23,010	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequen	cy D	istribution	S				St	atistical	Compari	sons ^k		
Education														Your j	first-year stud	ents compo	ared with	
Laucation										NSSE 2015	8							
				Tennessee 1	Tech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg		THEC Pee		NSSE 2015	
Item wording or description	Variable name ^I	Values'	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
d. Student services staff	QIstaff	1	Poor	2	7	154	6	11	7	884	4	Wed.	mean	- 5/20	mean	5,20	can	5,20
(career services,		2		1	3	148	5	9	5	1,028	4							
student activities,		3		0	0	202	7	14	8	1,607	7							
housing, etc.)		4		6	20	369	13	32	19	3,129	14							
		5		5	17	515	18	42	25	4,790	21	4.9	4.9	.01	4.6	.21	5.1	09
		6		7	23	519	19	31	18	5,088	22							
		7	Excellent	4	13	535	19	17	10	4,611	20							
		_	Not applicable	5	17	348	12	12	7	1,888	8							
			Total	30	100	2,790	100	168	100	23,025	100							
e. Other administrative	QIadmin	1	Poor	2	7	157	6	14	8	953	4							
staff and offices		2		0	0	191	7	12	7	1,234	5							
(registrar, financial aid,		3		1	3	215	8	15	9	1,910	8							
etc.)		4		6	20	391	14	26	15	3,335	14							
		5		7	23	561	20	34	20	4,793	21	5.2	4.9	.17	4.6	.34	5.0	.12
		6		5	17	535	19	39	23	4,967	22							
		7	Excellent	8	27	572	21	20	12	4,513	20							
		_	Not applicable	1	3	168	6	10	6	1,337	6							
			Total	30	100	2,790	100	170	100	23,042	100							
14. How much does your	r institution em	ıphasize	the following?															
a. Spending significant	empstudy	1	Very little	0	0	48	2	6	4	306	1							
amounts of time		2	Some	8	27	425	15	30	18	3,637	16							
studying and on		3	Quite a bit	17	57	1,344	48	75	44	10,948	48	2.9	3.2	35	3.1	25	3.2 *	37
academic work		4	Very much	5	17	966	35	58	34	8,139	35						▼	
			Total	30	100	2,783	100	169	100	23,030	100							
b. Providing support to	SEacademic	1	Very little	1	3	98	4	9	5	657	3							
help students succeed		2	Some	8	27	549	20	38	23	4,236	18							
academically		3	Quite a bit	17	57	1,091	39	64	38	9,584	42	2.8	3.1 *	36	3.0	24	3.1 *	40
		4	Very much	4	13	1,027	37	57	34	8,431	37		\blacksquare				▼	
			Total	30	100	2,765	100	168	100	22,908	100							
c. Using learning support	SElearnsup	1	Very little	2	7	184	7	14	8	1,201	5							
services (tutoring		2	Some	4	13	441	16	24	14	3,810	17							
services, writing		3	Quite a bit	17	57	1,011	36	65	38	8,363	36	3.0	3.1	17	3.1	13	3.1	20
center, etc.)		4	Very much	7	23	1,136	41	66	39	9,543	42							
			Total	30	100	2,772	100	169	100	22,917	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	lents ^a in					Frequen	cy D	istribution	S				St	atistical	Compari	sons ^k		
Education														Your f	first-year stud	lents compo	ared with	
										NSSE 2015	5 &	Tarabasa Tarab						
	Mariable			Tennessee 7	Tech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg		THEC Pee	•	NSSE 201	
Item wording or description	Variable name ^I	Values ⁿ	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size ⁿ	Mean	Effect size "
d. Encouraging contact	SEdiverse	1	Very little	2	7	290	10	24	14	2,226	10							
among students from		2	Some	12	40	728	26	49	29	6,393	28							
different backgrounds (social, racial/ethnic,		3	Quite a bit	14	47	940	34	59	35	7,890	34	2.5	2.8	30	2.6	10	2.8	29
religious, etc.)		4	Very much	2	7	819	29	35	21	6,449	28							
			Total	30	100	2,777	100	167	100	22,958	100							
e. Providing opportunities	SEsocial	1	Very little	0	0	163	6	14	8	1,088	5							
to be involved socially		2	Some	10	33	585	21	39	23	4,553	20							
		3	Quite a bit	15	50	1,031	37	61	36	8,983	39	2.8	3.0	22	2.9	10	3.1	27
		4	Very much	5	17	996	36	54	32	8,354	36							
			Total	30	100	2,775	100	168	100	22,978	100							
f. Providing support for	SEwellness	1	Very little	1	3	232	8	15	9	1,242	5							
your overall well-being		2	Some	9	30	589	21	38	23	4,915	21							
(recreation, health care, counseling, etc.)		3	Quite a bit	14	47	966	35	61	36	8,891	39	2.8	3.0	15	2.9	09	3.0	21
countering, etc.)		4	Very much	6	20	984	36	54	32	7,893	34							
			Total	30	100	2,771	100	168	100	22,941	100							
g. Helping you manage	SEnonacad	1	Very little	6	20	585	21	41	25	4,284	19							
your non-academic responsibilities (work,		2	Some	13	43	896	32	55	33	8,044	35							
family, etc.)		3	Quite a bit	8	27	795	29	43	26	6,787	30	2.3	2.4	16	2.3	08	2.4	18
3,,		4	Very much	3	10	486	18	28	17	3,818	17							
			Total	30	100	2,762	100	167	100	22,933	100							
h. Attending campus	SEactivities	1	Very little	0	0	303	11	19	11	1,392	6							
activities and events (performing arts,		2	Some	9	30	593	21	37	22	4,899	21							
athletic events, etc.)		3	Quite a bit	15	50	970	35	56	33	8,847	39	2.9	2.9	.01	2.9	.01	3.0	12
,		4	Very much	6	20	900	33	57	34	7,768	34							
			Total	30	100	2,766	100	169	100	22,906	100							
i. Attending events that	SEevents	1	Very little	2	7	501	18	34	20	2,990	13							
address important social, economic, or		2	Some	15	50	881	32	52	31	7,482	33							
political issues		3	Quite a bit	11	37	832	30	49	29	7,617	33	2.4	2.5	08	2.5	05	2.6	20
r		4	Very much	2	7	548	20	33	20	4,779	21							
			Total	30	100	2,762	100	168	100	22,868	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Frequen	су С	Distribution	S				St	atistical	Compari	sons ^k		
Education										NSSE 2015	. Ω.			Your j	first-year stua	lents compo	ared with	
				Tennessee 1	Tech	Carnegie Cl	ass	THEC Peer G	roun	2016) Q	Tennessee Tech	Carnes	gie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable			Termessee	CCII	carriegie er	u33	111201 001	Гоир	2010			Carrie	Effect	11120100	Effect	11332 201	Effect
or description		Values "		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size ⁿ	Mean	size ⁿ
5. About how many ho	ours do you spend	l in a t	ypical 7-day week doi	ng the followi	ng?													
a. Preparing for class	tmprephrs	0	0 hrs	1	3	21	1	1	1	94	0							
(studying, reading,	(Recoded version	3	1-5 hrs	5	17	439	16	35	21	3,232	14							
writing, doing homework or lab work,	of tmprep created	8	6-10 hrs	9	30	723	26	57	34	5,733	25							
analyzing data,	by NSSE. Values	13	11-15 hrs	7	23	589	21	32	19	5,132	22							
rehearsing, and other	are estimated number of hours	18	16-20 hrs	3	10	496	18	20	12	4,119	18	12.4	13.5	13	11.9	.06	14.0	20
academic activities)	per week.)	23	21-25 hrs	1	3	267	10	9	5	2,447	11							
	per week.)	28	26-30 hrs	3	10	126	5	9	5	1,150	5							
		33	More than 30 hrs	1	3	128	5	7	4	1,155	5							
			Total	30	100	2,789	100	170	100	23,062	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	10	34	1,112	40	67	40	6,907	30							
curricular activities	(Recoded version	3	1-5 hrs	10	34	788	28	50	30	7,802	34							
(organizations, campus publications, student	of tmcocurr	8	6-10 hrs	3	10	411	15	27	16	3,707	16							
government, fraternity	created by NSSE.	13	11-15 hrs	4	14	208	7	15	9	2,079	9							
or sorority,	Values are	18	16-20 hrs	1	3	127	5	3	2	1,313	6	5.2	5.1	.02	4.7	.08	5.9	09
intercollegiate or	estimated number	23	21-25 hrs	0	0	63	2	5	3	613	3							
intramural sports, etc.)	of hours per week.)	28	26-30 hrs	1	3	35	1	0	0	246	1							
	weekly	33	More than 30 hrs	0	0	32	1	2	1	295	1							
			Total	29	100	2,776	100	169	100	22,962	100							
c. Working for pay	tmworkonhrs	0	0 hrs	25	83	2,220	80	131	78	17,648	77							
on campus	(Recoded version	3	1-5 hrs	0	0	87	3	7	4	1,202	5							
	of tmworkon	8	6-10 hrs	5	17	169	6	12	7	1,902	8							
	created by NSSE.	13	11-15 hrs	0	0	151	5	11	7	1,188	5							
	Values are	18	16-20 hrs	0	0	110	4	5	3	740	3	1.3	2.4	19	2.2	19	2.4	21
	estimated number	23	21-25 hrs	0	0	25	1	1	1	187	1							
	of hours per	28	26-30 hrs	0	0	10	0	0	0	65	0							
	week.)	33	More than 30 hrs	0	0	8	0	0	0	71	0							
			Total	30	100	2,780	100	167	100	23,003	100							



Frequencies and Statistical Comparisons: Education

irst-Year Stu	dents ^a in					Frequen	cy D	istribution	S				St	atistical	Comparis	sons ^k		
ducation														Your j	first-year stud	ents compo	ared with	
adcation										NSSE 2015	5 &							
				Tennessee 7	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg		THEC Pee		NSSE 2015	
Item wording	Variable I	Values ⁿ							24		21			Effect		Effect size "		Effec
or description 1. Working for pay	name' tmworkoffhrs	values 0	Response options 0 hrs	Count 12	40	1.717	62	Count 102	60	Count 15,490	68	Mean	Mean	size ⁿ	Mean	size	Mean	size
off campus		3	1-5 hrs	3	10	150	5	5	3	1,411	6							
•	(Recoded version of tmworkoff	8	6-10 hrs	2	7	148	5	10	6	1,393	6							
	created by NSSE.	13	11-15 hrs	5	17	164	6	21	12	1,260	5							
	Values are	18	16-20 hrs	4	13	170	6	16	9	1,288	6	8.6	6.9	.15	6.5	.23	4.9 *	.41
	$estimated\ number$	23	21-25 hrs	3	10	104	4	6	4	837	4						<u> </u>	
	of hours per	28	26-30 hrs	1	3	74	3	4	2	505	2						_	
	week.)	33	More than 30 hrs	0	0	240	9	6	4	757	3							
			Total	30	100	2,767	100	170	100	22,941	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous																	
	variable created											10.0	9.3	.06	8.5	.14	7.3	.2
	by NSSE)																	
			0.1	15		1 102				12.105								
e. Doing community service or volunteer	tmservicehrs	0		17	57	1,482	54	98	58	12,196	53							
work	(Recoded version	3	1-5 hrs	6	20	889	32	53	32	8,021	35							
	of tmservice created by NSSE.	8 13	6-10 hrs 11-15 hrs	2	3	199 91	7	10 4	6	1,481 590	6							
	Values are	18	11-13 lits 16-20 hrs	1	3	51	2	1	1	390	1	4.8	2.9	.37	2.1	.56	2.5	-
	estimated number	23	21-25 hrs	2	3 7	27	1	2	1	145	1	4.0	2.9	.37	2.1	.56	2.3	.54
	of hours per	28	26-30 hrs	0	0	9	0	0	0	47	0							
	week.)	33	More than 30 hrs	1	3	22	1	0	0	79	0							
		33	Total	30	100	2,770	100	168	100	22,861	100							
f. Relaxing and	tmrelaxhrs	0		1	3	78	3	6	4	383	2							
socializing (time with		3	1-5 hrs	12	40	714	26	37	22	5,055	22							
friends, video games,	(Recoded version of tmrelax created	8	6-10 hrs	5	17	751	27	47	28	6,494	28							
TV or videos, keeping	by NSSE. Values	13		4	13	515	19	34	20	4,717	21							
up with friends online,	are estimated	18	16-20 hrs	4	13	326	12	21	12	2,932	13	9.9	11.4	18	11.9	23	12.0	25
etc.)	number of hours	23	21-25 hrs	3	10	171	6	9	5	1,485	6							
	per week.)	28	26-30 hrs	1	3	77	3	4	2	672	3							
		33	More than 30 hrs	0	0	150	5	12	7	1,216	5							
			Total	30	100	2,782	100	170	100	22,954	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents [°] in					Frequer	ncy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education														Your f	irst-year stud	ents compo	ared with	
Ludcation										NSSE 2015	8 &							
				Tennessee	Гесһ	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi	e Class	THEC Pee	r Group	NSSE 2015	
Item wording	Variable	1/-/ [#]		Count	0/	Count	0/	Count	0/	Count	0/	44		Effect	44	Effect		Effect
or description g. Providing care for	name' tmcarehrs	values 0	Response options 0 hrs	Count 17	59	1,846	67	Count 127	% 75	17,348	% 76	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
dependents (children,		3	1-5 hrs	3	10	342	12	20	12	2,651	12							
parents, etc.)	(Recoded version of tmcare created	8	6-10 hrs	2	7	142	5	10	6	1,074	5							
	by NSSE. Values	13	11-15 hrs	2	7	88	3	1	1	562	2							
	are estimated	18	16-20 hrs	2	7	61	2	1	1	342	1	5.9	4.8	.11	3.0	.36	2.5	.51
	number of hours	23	21-25 hrs	1	3	39	1	2	1	189	1				5.0	.50	2.0	
	per week.)	28	26-30 hrs	1	3	29	1	1	1	111	0							
		33	More than 30 hrs	1	3	219	8	8	5	606	3							
			Total	29	100	2,766	100	170	100	22,883	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	5	17	1,310	47	57	34	10,052	44							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	10	33	912	33	70	41	8,640	38							
	of tmcommute	8	6-10 hrs	13	43	314	11	20	12	2,507	11							
	created by NSSE.		11-15 hrs	0	0	119	4	12	7	853	4							
	Values are	18	16-20 hrs	0	0	63	2	4	2	447	2	6.5	3.5 **	.53	4.7	.27	3.5 **	.56
	estimated number	23	21-25 hrs	0	0	23	1	2	1	183	1	0.5	<i>3.3</i> ▲	.55	4.7	.21	3.3 A	.50
	of hours per week.)	28	26-30 hrs	1	3	15	1	2	1	88	0							
	weekly	33	More than 30 hrs	1	3	27	1	3	2	230	1							
		33	Total	30	100		100	170	100	23,000	100							
14.00.7						2,783			100	23,000	100							
16. Of the time you spe		class i				_		_										
	reading	1	Very little	6	21	293	11	30	18	2,402	10							
	$(Revised \ for \ 2014.$	2	Some	12	41	850	30	54	32	7,311	32							
	Comparison data	3	About half	8	28	897	32	56	33	6,998	30	2.3	2.8 *	48	2.5	22	2.8 *	46
	are limited to NSSE 2014	4	Most	2	7	534	19	24	14	4,656	20		\blacksquare				▼	
	participating	5	Almost all	1	3	216	8	6	4	1,602	7							
	institutions.)		Total	29	100	2,790	100	170	100	22,969	100							
	tmreadinghrs																	
(Continuous	· ·	F Calani	ated as a proportion									4.4						
	ible createa by NSSE ed on reading, where											4.4	6.5	36	5.0	11	6.6 *	39
	half=.50; Most=.75																▼	



Frequencies and Statistical Comparisons: Education

First-Year Stu	udents ^a in					Frequenc	y D	istribution	S				St	atistical	Compari	sons ^k		
Education														Your j	first-year stud	ents compo	ared with	
				_						NSSE 2015	5 &	T T b	_			_		
				Tennessee T	ech	Carnegie Cla	SS .	THEC Peer Gi	oup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee		NSSE 201	
Item wording or description	Variable name ^I	Values'	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
	tmreadinghrscol	1	0 hrs	1	3	21	1	1	1	89	0							
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	19	66	1,424	51	108	64	11,386	50							
	created by NSSE.)	3	More than 5, up to 10 hrs	7	24	808	29	46	27	6,963	30							
		4	More than 10, up to 15 hrs	0	0	270	10	5	3	2,333	10							
		5	More than 15, up to 20 hrs More than 20,	1	3	126	5	4	2	1,112	5							
		6	up to 25 hrs	1	3	81	3	4	2	715	3							
		7	More than 25 hrs	0	0	46	2	2	1	277	1							
			Total	29	100		100	170	100	22,875	100							
	_		itution contributed to			_		_		_		?						
Writing clearly and effectively	pgwrite	1	Very little	4	13	160	6	10	6	1,435	6							
effectively		2	Some	6	20	684	25	46	27	5,972	26	2.6						
		3	Quite a bit	17	57	1,129	40	75	44	9,737	42	2.6	2.9	34	2.8	24	2.9	28
		4	Very much Total	3	10	818	29	38	22	5,923	26							
b. Speaking clearly and	macma als	1	Very little	30	100	2,791	100	169	100	23,067	100							
effectively	pgspeak	2	Some	13	43	814	29	60	36	6,867	30							
•		3	Quite a bit	11	37	1,063	38	61	36	8,955	39	2.5	2.8	34	2.6	16	2.7	30
		4	Very much	3	10	667	24	30	18	5,071	22	2.5	2.0	54	2.0	10	2.1	50
		·	Total	30	100		100	169	100	23,011	100							
c. Thinking critically and	l pgthink	1	Very little	0	0	69	2	8	5	676	3							
analytically	10	2	Some	9	30	548	20	37	22	4,446	19							
		3	Quite a bit	15	50	1,187	43	81	48	10,342	45	2.9	3.1	26	2.9	05	3.1	22
		4	Very much	6	20	978	35	43	25	7,546	33							
			Total	30	100	2,782	100	169	100	23,010	100							
d. Analyzing numerical	pganalyze	1	Very little	2	7	539	19	26	15	4,613	20							
and statistical		2	Some	13	43	967	35	59	35	8,076	35							
information		3	Quite a bit	11	37	792	28	60	36	6,891	30	2.6	2.4	.13	2.5	.09	2.4	.18
		4	Very much	4	13	484	17	24	14	3,421	15							
			Total	30	100	2,782	100	169	100	23,001	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequen	cy D	istribution	S				Sta	itistical	Comparis	sons ^k		
Education										NCCE 2015				Your f	first-year stud	ents compo	ared with	
				Tennessee 1	Toch	Carnagia Cla	ncc.	THEC Peer G	roun	NSSE 2015 2016	&	Tennessee Tech	Carnegi	o Class	THEC Pee	r Group	NSSE 2015	5 8. 2016
Item wording	Variable			Termessee	CCII	Carriegie Cie	133	THE TEEL O	оир	2010		reimessee reem	Carriegi	Effect	THECTE	Effect	N33L 201.	Effect
or description	name ^I	Values '	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size ⁿ	Mean	size ⁿ
e. Acquiring job- or work-	pgwork	1	Very little	2	7	337	12	26	15	2,612	11							
related knowledge and skills		2	Some	9	30	820	29	56	33	6,946	30							
SKIIIS		3	Quite a bit	12	40	953	34	60	36	8,135	35	2.8	2.7	.10	2.5	.31	2.7	.10
		4	Very much	7	23	675	24	26	15	5,339	23							
			Total	30	100	2,785	100	168	100	23,032	100							
f. Working effectively	pgothers	1	Very little	1	3	159	6	13	8	1,257	5							
with others		2	Some	9	30	702	25	48	29	5,675	25							
		3	Quite a bit	14	47	1,084	39	65	39	9,679	42	2.8	2.9	11	2.8	.03	2.9	10
		4	Very much	6	20	836	30	41	25	6,393	28							
			Total	30	100	2,781	100	167	100	23,004	100							
g. Developing or	pgvalues	1	,	5	17	258	9	29	17	2,200	10							
clarifying a personal code of values and		2	Some	10	33	730	26	52	31	6,389	28							
ethics		3	Quite a bit	14	47	996	36	54	32	8,643	38	2.4	2.8 **	50	2.5	18	2.8 *	45
		4	Very much	1	3	796	29	33	20	5,793	25		•				•	
			Total	30	100	2,780	100	168	100	23,025	100							
h. Understanding people	pgdiverse	1	Very little	2	7	261	9	21	13	2,004	9							
of other backgrounds (economic,		2	Some	16	53	740	27	58	35	6,361	28							
racial/ethnic, political,		3	Quite a bit	7	23	964	35	58	35	8,568	37	2.5	2.8	36	2.6	10	2.8	34
religious, nationality,		4	Very much	5	17	818	29	31	18	6,113	27							
etc.)			Total	30	100	2,783	100	168	100	23,046	100							
i. Solving complex real-	pgprobsolve	1	Very little	3	10	352	13	26	15	2,727	12							
world problems		2	Some	13	43	932	34	61	36	7,899	34							
		3	Quite a bit	10	33	903	33	55	33	7,959	35	2.5	2.6	13	2.5	.02	2.6	12
		4	Very much	4	13	584	21	26	15	4,424	19							
			Total	30	100	2,771	100	168	100	23,009	100							
j. Being an informed and	pgcitizen	1	Very little	4	13	372	13	24	14	2,696	12							
active citizen		2	Some	10	33	889	32	53	31	7,483	33							
		3	Quite a bit	11	37	918	33	57	34	8,079	35	2.6	2.6	06	2.6	04	2.6	08
		4	Very much	5	17	593	21	35	21	4,691	20							
			Total	30	100	2,772	100	169	100	22,949	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	udents ^a in					Frequer	ncy Di	stribution	ıs				St	atistical	Comparis	sons ^k		
Education														Your j	first-year stud	ents compo	ared with	
Luucation										NSSE 2015	8							
				Tennessee 1	Tech	Carnegie C	lass T	HEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name'	Values	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
18. How would you ev	valuate your enti	re educa	ational experience at tl	nis institution	?													
	evalexp	1	Poor	0	0	33	1	1	1	308	1							
		2	Fair	4	13	329	12	27	16	2,309	10							
		3	Good	17	57	1,313	47	84	50	10,972	47	3.2	3.3	13	3.2	.01	3.3	17
		4	Excellent	9	30	1,124	40	56	33	9,527	41							
			Total	30	100	2,799	100	168	100	23,116	100							
19. If you could start	over again, woul	d you go	to the same institution	n you are nov	v atte	nding?												
	sameinst	1	Definitely no	1	3	91	3	8	5	726	3							
		2	Probably no	2	7	318	11	23	14	2,404	10							
		3	Probably yes	13	43	1,117	40	67	40	9,082	39	3.3	3.3	.07	3.2	.17	3.3	.03
		4	Definitely yes	14	47	1,279	46	71	42	10,946	47							
			Total	30	100	2,805	100	169	100	23,158	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education										NGGE 204	- 0				Your seniors co	ompared v	vith	
				Tennessee T	och	Carnogio Cl	200	THEC Peer G	roun	NSSE 2015 2016	o &	Tennessee Tech	Carnegi	o Class	THEC Pee	r Group	NSSE 2015	2. 2016
Item wording	Variable			16111163366 1	CCII	Carriegie Ci	ass	TITLE FEET O	Toup	2010		Termessee Teen	Carriegi	Effect	TILCTEE	Effect	N33L 2013	Effect
or description	name ^I	Values"	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size "	Mean	size "
1. During the current s	school year, abou	t how o	ften have you done th	e following?														
a. Asked questions or	askquest	1	Never	1	1	53	1	7	3	393	1							
contributed to course		2	Sometimes	9	11	674	18	44	19	5,484	19							
discussions in other ways		3	Often	22	28	1,136	30	75	32	9,267	31	3.5	3.3	.20	3.2 *	.31	3.3 *	.23
ways		4	Very often	48	60	1,923	51	106	46	14,336	49						Δ	
			Total	80	100	3,786	100	232	100	29,480	100							
b. Prepared two or more	drafts	1	Never	10	13	690	18	51	22	5,712	19							
drafts of a paper or		2	Sometimes	24	30	1,256	33	75	32	10,657	36							
assignment before turning it in		3	Often	18	23	979	26	57	25	7,403	25	2.8	2.5 *	.25	2.4 *	.32	2.4 **	.34
turning it in		4	Very often	27	34	849	22	49	21	5,625	19		Δ					
			Total	79	100	3,774	100	232	100	29,397	100							
c. Come to class without	unpreparedr	1	Very often	4	5	202	5	8	3	1,528	5							
completing readings or	(Reverse-coded	2	Often	6	8	407	11	21	9	3,472	12							
assignments	version of	3	Sometimes	35	44	1,951	52	125	54	16,233	55	3.3	3.1	.18	3.2	.11	3.1 *	.26
	unprepared	4	Never	34	43	1,212	32	77	33	8,098	28						Δ	
	created by NSSE.)		Total	79	100	3,772	100	231	100	29,331	100							
d. Attended an art exhibit,	attendart	1	Never	29	37	1,540	41	87	38	9,714	33							
play or other arts		2	Sometimes	29	37	1,171	31	75	32	10,023	34							
performance (dance, music, etc.)		3	Often	6	8	483	13	28	12	4,307	15	2.1	2.0	.06	2.1	02	2.2	08
music, etc.)		4	Very often	15	19	580	15	42	18	5,305	18							
			Total	79	100	3,774	100	232	100	29,349	100							
e. Asked another student	CLaskhelp	1	Never	3	4	567	15	16	7	2,689	9							
to help you understand		2	Sometimes	32	40	1,627	43	101	44	12,559	43							
course material		3	Often	23	29	1,037	27	64	28	9,341	32	2.8	2.4 ***	.42	2.6	.17	2.6 *	.28
		4	Very often	22	28	544	14	51	22	4,808	16						Δ	
			Total	80	100	3,775	100	232	100	29,397	100							
f. Explained course	CLexplain	1	Never	0	0	231	6	6	3	915	3							
material to one or more		2	Sometimes	18	23	1,336	35	72	31	9,251	32							
students		3	Often	34	43	1,348	36	80	35	12,038	41	3.1	2.7 ***	.42	2.9	.20	2.9 **	.30
		4	Very often	27	34	851	23	72	31	7,148	24							
			Total	79	100	3,766	100	230	100	29,352	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	cy D	istribution	S				Sta	tistical	Comparis	ons ^k		
Education										NGGE 2045					Your seniors co	ompared v	vith	
				Tennessee 1	och	Carnogio Cla	occ .	THEC Peer G	roun	NSSE 2015 2016	&	Tennessee Tech	Carnegie	Class	THEC Peer	r Group	NSSE 2015	Q. 201 <i>6</i>
Item wording	Variable			16111163366 1	ecn	Carriegie Cia	133	TILC FEEL O	oup	2010		Termessee Teen	Carriegie	Effect	TILC FEEL	Effect	N33L 2013	Effect
or description	name ^I	Values	m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
g. Prepared for exams by	CLstudy	1	Never	8	10	852	23	33	14	4,467	15							
discussing or working		2	Sometimes	16	20	1,342	36	78	34	10,341	35							
through course material with other students		3	Often	31	39	916	24	63	27	8,707	30	2.9	2.4 ***	.54	2.6 *	.29	2.5 ***	.38
Will other students		4	Very often	25	31	661	18	57	25	5,902	20				Δ			
			Total	80	100	3,771	100	231	100	29,417	100							
h. Worked with other	CLproject	1	Never	4	5	215	6	12	5	1,504	5							
students on course		2	Sometimes	19	24	1,180	31	73	32	8,858	30							
projects or assignments		3	Often	25	32	1,370	36	77	33	10,962	37	3.1	2.8 *	.24	2.9	.20	2.9	.21
		4	Very often	31	39	1,002	27	68	30	8,079	27		Δ					
			Total	79	100	3,767	100	230	100	29,403	100							
i. Given a course	present	1	Never	7	9	563	15	20	9	2,276	8							
presentation		2	Sometimes	16	21	1,041	28	67	29	8,195	28							
		3	Often	25	32	1,178	31	83	36	10,251	35	3.0	2.7 **	.31	2.8	.21	2.9	.15
		4	Very often	30	38	974	26	61	26	8,639	29							
			Total	78	100	3,756	100	231	100	29,361	100							
2. During the current scl	hool vear, abo	ut how	often have you done th	e following?														
a. Combined ideas from	RIintegrate	1	Never	2	3	109	3	11	5	750	3							
different courses when		2	Sometimes	20	25	1,000	27	65	28	7,100	24							
completing assignments		3	Often	25	32	1,445	38	77	33	11,755	40	3.1	3.0	.12	3.0	.15	3.0	.07
		4	Very often	32	41	1,211	32	79	34	9,801	33							
			Total	79	100	3,765	100	232	100	29,406	100							
b. Connected your	RIsocietal	1	Never	3	4	192	5	21	9	1,391	5							
learning to societal		2	Sometimes	23	29	1,139	30	75	33	8,917	30							
problems or issues		3	Often	31	39	1,427	38	73	32	11,079	38	2.9	2.9	.06	2.8	.17	2.9	.05
		4	Very often	22	28	989	26	60	26	7,900	27							
			Total	79	100	3,747	100	229	100	29,287	100							
c. Included diverse	RIdiverse	1	Never	10	13	298	8	28	12	2,082	7							
perspectives (political,		2	Sometimes	26	33	1,268	34	82	36	10,233	35							
religious, racial/ethnic,		3	Often	27	34	1,267	34	64	28	9,866	34	2.6	2.7	14	2.6	02	2.8	15
gender, etc.) in course discussions or		4	Very often	16	20	920	25	56	24	7,141	24							
assignments			Total	79	100	3,753	100	230	100	29,322	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Erocus	CV D:	ctributio-	r				CT.	atictics!	Comparis	nnc ^k		
						Frequen	LY DI	stribution	5				St		Comparison		uith	
Education										NSSE 2015	5.&				TOUT SETTIOTS CO	пригеи и	vicii	
				Tennessee 1	ech	Carnegie Cla	iss -	THEC Peer G	roup	2016	Ju	Tennessee Tech	Carneg	ie Class	THEC Peer	Group	NSSE 2015	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name ¹ RIownview	Values	Response options Never	Count	%	Count 147	4	Count 21	9	1,079	<u>%</u>	Mean	Mean	size ⁿ	Mean	size "	Mean	size ⁿ
d. Examined the strengths and weaknesses of	Riowiiview	2	Sometimes	20	25	989	26	69	30	8,542	29							
your own views on a		3	Often	33	41	1.644	44	89	38	12,231	42	3.1	2.9	16	2.8 **	24	2.0	.20
topic or issue		4	Very often	26	33	978	26	53	23	7,450	25	3.1	2.9	.16	2.8 ***	.34	2.9	.20
		4	Total	80	100		100	232	100	29,302	100							
e. Tried to better	RIperspect	1	Never	1	1	96	3	12	5	716	2							
understand someone	raperspect	2	Sometimes	16	20	920	25	60	26	7,498	26							
else's views by		3	Often	39	49	1,618	43	92	40	12,515	43	3.1	3.0	.09	2.9	.17	3.0	.11
imagining how an issue looks from his or her		4	Very often	24	30	1,116	30	68	29	8,595	29	0.1	5.0	.07	2.7	.17	5.0	
perspective			Total	80	100	3,750	100	232	100	29,324	100							
f. Learned something that	RInewview	1	Never	0	0	65	2	7	3	491	2							
changed the way you		2	Sometimes	23	29	1,076	29	76	33	8,096	28							
understand an issue or concept		3	Often	33	41	1,575	42	82	35	12,606	43	3.0	3.0	.07	2.9	.13	3.0	.06
сопсерт		4	Very often	24	30	1,040	28	67	29	8,101	28							
			Total	80	100	3,756	100	232	100	29,294	100							
g. Connected ideas from	RIconnect	1	Never	1	1	21	1	5	2	210	1							
your courses to your		2	Sometimes	9	11	488	13	41	18	3,835	13							
prior experiences and knowledge		3	Often	30	38	1,590	43	92	40	12,435	43	3.4	3.3	.09	3.2	.23	3.3	.10
		4	Very often	40	50	1,642	44	93	40	12,748	44							
			Total	80	100	3,741	100	231	100	29,228	100							
3. During the current sci																		
a. Talked about career plans with a faculty	SFcareer	1	- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	6	8	535	14	34	15	2,979	10							
member		2	Sometimes	23	29	1,361	36	77	33	10,331	35	2.0						
		3	Often	25	32	1,023	27	54	23	8,558	29	2.9	2.6 *	.28	2.7	.20	2.7	.17
		4	Very often	24	31	844	22	66	29	7,473	25		Δ					
***	OT 1 1		Total	78	100		100	231	100	29,341	100							
b. Worked with a faculty member on activities	SFotherwork	1	Never	27	34	1,712	46	81	35	10,659	36							
other than coursework		2	Sometimes	33	42	1,077	29	75	33	9,529	33	2.1	1.0		2.1	07	2.1	
(committees, student		3	Often Vorv often	6	8	508	14	34	15	5,106	17	2.1	1.9	.14	2.1	07	2.1	02
groups, etc.)		4	Very often Total	13 79	16 100	455	12	40	17 100	3,989	14 100							
			ı otai	/9	100	3,752	100	230	100	29,283	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	icy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education										NSSE 2015	. 2 ,				Your seniors co	mpared v	vith	
				Tennessee T	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016	· Q	Tennessee Tech	Carnegi	e Class	THEC Peer	Group	NSSE 2015	& 2016
Item wording	Variable													Effect		Effect		Effect
or description	name ^I	Values'		Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
c. Discussed course topics, ideas, or	SFdiscuss	1	Never	14	18	1,081	29	42	18	5,827	20							
concepts with a faculty		2	Sometimes	33	42	1,404	37	95	41	11,631	40	2.5						
member outside of		3	Often	12	15	735	20	49	21	7,216	25	2.5	2.2 *	.27	2.4	.04	2.4	.10
class		4	Very often	19	24	531	14	45	19	4,588	16		Δ					
			Total	78	100	3,751	100	231	100	29,262	100							
d. Discussed your	SFperform	1	Never	11	14	710	19	35	15	4,748	16							
academic performance with a faculty member		2	Sometimes	34	43	1,586	42	88	38	12,245	42							
with a faculty member		3	Often	18	23	895	24	63	27	7,668	26	2.5	2.3	.15	2.5	01	2.4	.09
		4	Very often	16	20	562	15	44	19	4,567	16							
			Total	79	100	3,753	100	230	100	29,228	100							
. During the current scl	hool year, how	much l	nas your coursework e	mphasized the	e follo	wing?												
a. Memorizing course	memorize	1	Very little	19	24	533	14	30	13	3,644	12							
material		2	Some	30	38	1,294	34	64	28	10,140	35							
		3	Quite a bit	20	25	1,264	34	87	38	10,143	35	2.3	2.6 *	28	2.7 **	41	2.6 **	33
		4	Very much	11	14	680	18	50	22	5,431	18		∇		▼		▼	
			Total	80	100	3,771	100	231	100	29,358	100							
b. Applying facts,	HOapply	1	Very little	1	1	119	3	10	4	820	3							
theories, or methods to		2	Some	13	16	706	19	50	22	5,691	19							
practical problems or new situations		3	Quite a bit	21	27	1,612	43	89	39	12,696	43	3.4	3.1 **	.33	3.1 **	.37	3.1 **	.34
new situations		4	Very much	44	56	1,319	35	82	35	10,096	34				A		A	
			Total	79	100	3,756	100	231	100	29,303	100							
c. Analyzing an idea,	HOanalyze	1	Very little	4	5	159	4	13	6	1,056	4							
experience, or line of		2	Some	13	16	775	21	49	21	6,393	22							
reasoning in depth by		3	Quite a bit	31	39	1,568	42	84	36	12,076	41	3.1	3.0	.11	3.0	.11	3.0	.11
examining its parts		4	Very much	32	40	1,257	33	85	37	9,737	33							
			Total	80	100	3,759	100	231	100	29,262	100							
d. Evaluating a point of	HOevaluate	1	Very little	6	8	144	4	16	7	1,261	4							
view, decision, or		2	Some	17	21	836	22	57	25	6,974	24							
information source		3	Quite a bit	29	36	1,667	44	83	36	12,589	43	3.0	3.0	01	2.9	.06	3.0	.03
		4	Very much	28	35	1,108	30	74	32	8,437	29							
			Total	80	100	3,755	100	230	100	29,261	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	су С	Distribution	S				St	atistical	Comparis	sons ^k		
Education										NSSE 2015	5 &				Your seniors c	ompared v	vith	
				Tennessee T	ech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name '		Response options	Count	%	Count	3	Count 9	4	Count	<u>%</u> 4	Mean	Mean	size "	Mean	size ⁿ	Mean	size ⁿ
e. Forming a new idea or understanding from	HOform	1 2	Very little	6 16	8 20	129 835	22	57	25	1,063 6,653	23							
various pieces of		3	Some Ouite a bit	32	40	1,598	43	91	40	12,543	43	3.0	2.0	0.0	2.0	00	2.0	0.4
information		4	•	26	33	1,188	32	70	31	8,981	31	3.0	3.0	06	3.0	.00	3.0	04
		4	Very much Total	80	100	3,750	100	227	100	29,240	100							
							100	221	100	29,240	100							
. During the current scl			•	ors done the f		_												
a. Clearly explained	ETgoals	1	Very little	7	9	97	3	8	3	602	2							
course goals and requirements		2	Some	9	11	655	17	36	16	4,938	17							
		3	Quite a bit	29	36	1,551	41	82	35	12,848	44	3.2	3.2	02	3.2	10	3.2	02
		4	Very much	35	44	1,477	39	106	46	11,057	38							
			Total	80	100	3,780	100	232	100	29,445	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	8	119	3		6	782	3							
ili ali Organized way		2	Some	16	21	639	17	33	14	5,096	17	2.0						
		3	Quite a bit	26	33	1,601	42	92	40	13,091	45	3.0	3.1	14	3.1	11	3.1	13
		4	Very much	30	38	1,414	37	90	39	10,427	35							
			Total	78	100	3,773	100	229	100	29,396	100							
c. Used examples or illustrations to explain	ETexample	1	Very little	5	6	158	4		3	932	3							
difficult points		2	Some	18	23	701	19	37	16	5,321	18	2.1						
r		3	Quite a bit	22	28	1,527	41	93	41	11,909	41	3.1	3.1	02	3.2	12	3.1	07
		4	Very much	34	43	1,379	37	92	40	11,197	38							
			Total	79	100	3,765	100	229	100	29,359	100							
d. Provided feedback on a draft or work in	ETdraftfb	1	Very little	9	11	284	8		8	2,110	7							
progress		2	Some	16	20	927	25	62	27	7,147	24	2.0						
. 0		3	Quite a bit	18	23	1,248	33	70	30	10,272	35	3.0	3.0	.08	2.9	.10	2.9	.08
		4	Very much	36	46	1,314	35	82	35	9,829	33							
. D	ETC 411-	1	Total	79	100	3,773	100		100	29,358 1,752	100							
e. Provided prompt and detailed feedback on	ETfeedback	1	Very little	13	16	205	5		6		6							
tests or completed		2	Some	9	11	901	24	56	24	7,356	25	2.0	2.0	02	2.0	02	2.0	02
assignments		3	Quite a bit	26	33	1,437	38		36	11,258	38	2.9	3.0	03	3.0	02	2.9	.02
		4	Very much	31	39	1,212	32	77	33	8,894	30							
			Total	79	100	3,755	100	230	100	29,260	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequenc	cy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education															Your seniors c	ompared w	vith	
								T		NSSE 2015	5 &	Tannassaa Tash			T.		NGGE 2041	= 0 004
	Mariable			Tennessee T	ech	Carnegie Cla	SS	THEC Peer Gi	roup	2016		Tennessee Tech	Carneg		THEC Pee		NSSE 201	
Item wording or description	Variable name ^l	Values ⁿ	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
	school year, abou	t how o	often have you done th	e following?														
a. Reached conclusions	QRconclude	1	Never	12	15	733	19	46	20	5,777	20							
based on your own		2	Sometimes	31	39	1,376	36	85	37	11,222	38							
analysis of numerical		3	Often	24	30	1,143	30	67	29	8,387	28	2.5	2.4	.09	2.4	.10	2.4	.12
information (numbers,		4	Very often	13	16	522	14	34	15	4,064	14							
graphs, statistics, etc.)			Total	80	100	3,774	100	232	100	29,450	100							
b. Used numerical	QRproblem	1	Never	23	29	1,016	27	73	31	7,847	27							
information to examine		2	Sometimes	26	33	1,463	39	86	37	11,756	40							
a real-world problem o	r	3	Often	16	20	912	24	47	20	6,647	23	2.3	2.2	.09	2.1	.15	2.2	.10
issue (unemployment, climate change, public		4	Very often	14	18	387	10	26	11	3,164	11							
health, etc.)			Total	79	100	3,778	100	232	100	29,414	100							
, ,						,				,								
c. Evaluated what others	QRevaluate	1	Never	19	24	977	26	58	25	7,434	25							
have concluded from		2	Sometimes	36	45	1,535	41	97	42	12,196	42							
numerical information		3	Often	15	19	887	24	52	22	6,802	23	2,2	2.2	.03	2.2	.01	2.2	.02
		4	Very often	10	13	367	10	25	11	2,926	10							
			Total	80	100	3,766	100	232	100	29,358	100							
7. During the current	school year, abou	ıt how 1	nany papers, reports,	or other writi	ng tas	sks of the follo	owin	g length hav	e you l	been assign	ed? (I	nclude those not y	et comple	eted.)				
a. Up to 5 pages	wrshortnum	0	None	7	9	188	5	18	8	1,470	5							
	(Recoded version	1.5	1-2	14	18	668	18	54	24	5,253	18							
	of wrshort created	4	3-5	24	32	965	26	56	25	8,062	28							
	by NSSE. Values	8	6-10	14	18	703	19	42	19	6,070	21	6.8	8.6 *	25	7.1	05	8.0	17
	are estimated	13	11-15	8	11	400	11	26	12	3,060	11		∇					
	number of papers, reports, etc.)	18	16-20	5	7	244	7	7	3	1,764	6							
	reports, etc.)	23	More than 20	4	5	500	14	21	9	2,981	10							
			Total	76	100	3,668	100	224	100	28,660	100							
b. Between 6 and 10	wrmednum	0	None	20	27	911	25	71	33	6,639	24							
pages	(Recoded version	1.5	1-2	22	29	1,177	33	72	33	10,389	37							
	of wrmed created	4	3-5	26	35	819	23	47	22	6,742	24							
	by NSSE. Values	8	6-10	2	3	411	11	19	9	2,796	10	3.1	3.6	11	2.8	.06	3.3	04
	are estimated	13	11-15	2	3	132	4	3	1	892	3							
	number of papers, reports, etc.)	18	16-20	3	4	72	2	1	0	381	1							
	reports, etc.)	23	More than 20	0	0	76	2	5	2	364	1							
			Total	75	100	3,598	100	218	100	28,203	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	ıcy D	istribution					Sta	atistical	Comparis	ons ^k		
Education						•	•								Your seniors co		vith	
Laucation										NSSE 2015	&							
				Tennessee 1	ech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi		THEC Peer	•	NSSE 2015	
Item wording or description	Variable name ^l	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
c. 11 pages or more	wrlongnum	0	None	32	42	1,772	50	112	50	13,726	49	IVIEUII	WEUII	3120	IVICUIT	3126	WEUII	3120
	(Recoded version	1.5	1-2	34	45	1,146	32	85	38	9,714	35							
	of wrlong created	4	3-5	4	5	341	10	13	6	2,683	10							
	by NSSE. Values	8	6-10	2	3	127	4	2	1	812	3	2.0	1.9	.03	1.8	.05	1.7	.09
	are estimated number of papers,	13	11-15	2	3	61	2	4	2	372	1							
	reports, etc.)	18	16-20	1	1	30	1	2	1	189	1							
		23	More than 20	1	1	51	1	5	2	289	1							
			Total	76	100	3,528	100	223	100	27,785	100							
Estimated number of assigned pages of student writing.	wrpages (Continuous variab from wrshort, wrm		led and summed by NSSE wrlong, Values are									70.1	80.0	11	67.7	.02	72.6	03
	estimated pages of		_															
During the current	school voor ahou	t how c	often have you had disc	cussions with	neonl	o from the fo	llow	ing groups?										
a. People of a race or	DDrace	1	Never	8	10	196	5	11	5	1,346	5							
ethnicity other than		2	Sometimes	26	33	837	22	49	21	7,528	26							
your own		3	Often	21	27	1,097	29	59	25	8,647	29	2.8	3.1 **	36	3.2 **	43	3.1 **	31
		4	Very often	24	30	1,642	44	113	49	11,938	41		▼		▼		▼	
			Total	79	100	3,772	100	232	100	29,459	100		•		•		•	
b. People from an	DDeconomic	1	Never	5	6	166	4	9	4	1,044	4							
economic background		2	Sometimes	20	25	801	21	51	22									
other than your own		3	Often					51	22	6,761	23							
		3	Offen	29	36	1,312	35	65	28	6,761 10,208	23 35	3.0	3.1	16	3.2	24	3.1	16
		4	Very often	29 26	36 33	1,312 1,492	35 40					3.0	3.1	16	3.2	24	3.1	16
								65	28	10,208	35	3.0	3.1	16	3.2	24	3.1	16
c. People with religious	DDreligion		Very often	26	33	1,492	40	65 107	28 46	10,208 11,396	35 39	3.0	3.1	16	3.2	24	3.1	16
beliefs other than your	U	4	Very often Total	26 80	33 100	1,492 3,771	40 100	65 107 232	28 46 100	10,208 11,396 29,409	35 39 100	3.0	3.1	16	3.2	24	3.1	16
	U	4	Very often Total Never	26 80 5	33 100 6	1,492 3,771 267	40 100 7	65 107 232 14	28 46 100 6	10,208 11,396 29,409 1,858	35 39 100 6	2.8	2.9	16 18	3.2	24	3.1	16
beliefs other than your	U	1 2	Very often Total Never Sometimes	26 80 5 32	33 100 6 40	1,492 3,771 267 1,041	40 100 7 28	65 107 232 14 60	28 46 100 6 26	10,208 11,396 29,409 1,858 8,007	35 39 100 6 27							
beliefs other than your	U	1 2 3	Very often Total Never Sometimes Often	26 80 5 32 20	33 100 6 40 25	1,492 3,771 267 1,041 1,127	40 100 7 28 30	65 107 232 14 60 60	28 46 100 6 26 26	10,208 11,396 29,409 1,858 8,007 8,879	35 39 100 6 27 30				3.0 *			
beliefs other than your own	U	1 2 3	Very often Total Never Sometimes Often Very often	26 80 5 32 20 23	33 100 6 40 25 29	1,492 3,771 267 1,041 1,127 1,328	40 100 7 28 30 35	65 107 232 14 60 60 96	28 46 100 6 26 26 42	10,208 11,396 29,409 1,858 8,007 8,879 10,642	35 39 100 6 27 30 36				3.0 *			
d. People with political views other than your	Ü	1 2 3 4	Very often Total Never Sometimes Often Very often Total	26 80 5 32 20 23 80	33 100 6 40 25 29 100	1,492 3,771 267 1,041 1,127 1,328 3,763	40 100 7 28 30 35 100	65 107 232 14 60 60 96 230	28 46 100 6 26 26 42 100	10,208 11,396 29,409 1,858 8,007 8,879 10,642 29,386	35 39 100 6 27 30 36 100				3.0 *			
beliefs other than your own d. People with political	Ü	1 2 3 4	Very often Total Never Sometimes Often Very often Total Never	26 80 5 32 20 23 80	33 100 6 40 25 29 100	1,492 3,771 267 1,041 1,127 1,328 3,763	40 100 7 28 30 35 100 6	65 107 232 14 60 60 96 230	28 46 100 6 26 26 42 100	10,208 11,396 29,409 1,858 8,007 8,879 10,642 29,386 1,579	35 39 100 6 27 30 36 100 5				3.0 *			
beliefs other than your own d. People with political views other than your	Ü	1 2 3 4	Very often Total Never Sometimes Often Very often Total Never Sometimes	26 80 5 32 20 23 80 2	33 100 6 40 25 29 100 3 36	1,492 3,771 267 1,041 1,127 1,328 3,763 239 993	40 100 7 28 30 35 100 6 26	65 107 232 14 60 60 96 230 13	28 46 100 6 26 26 42 100 6 26	10,208 11,396 29,409 1,858 8,007 8,879 10,642 29,386 1,579 7,695	35 39 100 6 27 30 36 100 5 26	2.8	2.9	18	3.0 * ▽	28	3.0	21



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ıcy D	istribution	ıS			•	Sta	itistical	l Comparis	ons ^k		
Education										NSSE 2015	- o.				Your seniors co	mpared w	vith	
				Tennessee 1	ech	Carnegie Cl	ass	THEC Peer G	roup	2016	οα	Tennessee Tech	Carnegie	e Class	THEC Peer	Group	NSSE 2015 8	& 2016
Item wording or description	Variable name ^I	Values ⁿ	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size"	Mean	Effect size "
9. During the current so	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	0	0	85	2	12	5	659	2							
information from		2	Sometimes	15	19	625	17	42	18	5,152	18							
reading assignments		3	Often	29	37	1,464	39	81	35	11,558	39	3.3	3.2	.05	3.1	.14	3.2	.08
		4	Very often	35	44	1,594	42	96	42	12,051	41							
			Total	79	100	3,768	100	231	100	29,420	100							
b. Reviewed your notes	LSnotes	1	Never	4	5	248	7	14	6	2,120	7							
after class		2	Sometimes	17	22	1,060	28	49	21	9,222	31							
		3	Often	24	31	1,203	32	65	28	9,170	31	3.1	2.9	.20	3.1	01	2.8 *	.28
		4	Very often	33	42	1,252	33	103	45	8,846	30						Δ	
			Total	78	100	3,763	100	231	100	29,358	100							
c. Summarized what you	LSsummary	1	Never	2	3	229	6	12	5	1,813	6							
learned in class or from		2	Sometimes	18	23	996	27	62	27	8,476	29							
course materials		3	Often	31	39	1,323	35	65	28	10,390	36	3.1	2.9	.16	3.0	.05	2.9 *	.22
		4	Very often	28	35	1,191	32	92	40	8,476	29						Δ	
			Total	79	100	3,739	100	231	100	29,155	100							
10. During the current s	school year, to	what ex	tent have your courses	s challenged y	ou to	do your best	worl	ς?										
	challenge	1	Not at all	2	3	21	1	1	0	117	0							
		2		1	1	42	1	5	2	322	1							
		3		1	1	103	3	11	5	796	3							
		4		5	6	274	7	13	6	2,362	8	5.9	5.8	.07	5.7	.11	5.7	.14
		5		16	20	945	25	55	24	7,952	27							
		6		20	25	1,051	28	65	28	9,104	31							
		7	Very much	34	43	1,334	35	81	35	8,730	30							
			Total	79	100	3,770	100	231	100	29,383	100							
11. Which of the followi	ing have you d	one or d	o you plan to do befor	e you gradua	te?°													
a. Participate in an	intern		Have not decided	2	3	161	4	12	5	1,192	4							
internship, co-op, field	(Means indicate		Do not plan to do	4	5	258	7	15	6	2,232	8							
experience, student teaching, or clinical	the percentage		Plan to do	7	9	1,085	29	53	23	7,147	24	84%	60% ***	.54	65% **	.43	64% ***	.45
placement	who responded		Done or in progress	67	84	2,269	60	151	65	18,882	64		A		A		A	
r	"Done or in progress.")		Total	80	100	3,773	100	231	100	29,453	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in					Frequenc	cy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education													,	Your seniors c	ompared v	vith	
			Tennessee 1	Toch	Carnegie Cla		THEC Poor G	roun	NSSE 2015 2016	&	Tennessee Tech	Carnegi	io Class	THEC Pee	r Group	NSSE 2015	: 2. 2016
Item wording	Variable		Termessee	CCII	Carriegie Cia	33	THE CTEEL O	oup	2010		reimessee reem	Carriegi	Effect	THECTE	Effect	N33L 2013	Effect
or description	name ¹	Values ^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size "	Mean	size ⁿ
b. Hold a formal	leader	Have not decided	11	14	474	13	23	10	3,047	10							
leadership role in a student organization or	(Means indicate	Do not plan to do	40	50	1,779	47	105	45	12,786	44							
group	the percentage	Plan to do	2	3	335	9	14	6	2,059	7	34%	31%	.05	39%	10	39%	11
8	who responded "Done or in	Done or in progress	27	34	1,177	31	89	39	11,500	39							
	progress.")	Total	80	100	3,765	100	231	100	29,392	100							
c. Participate in a learning	learncom	Have not decided	5	6	537	14	27	12	3,561	12							
community or some	(Means indicate	Do not plan to do	36	45	1,757	47	99	43	13,434	46							
other formal program	the percentage	Plan to do	5	6	435	12	28	12	2,749	9	43%	28% **	.32	33%	.19	33%	.20
where groups of students take two or	who responded	Done or in progress	34	43	1,036	28	77	33	9,600	33		A					
more classes together	"Done or in progress.")	Total	80	100	3,765	100	231	100	29,344	100							
d. Participate in a study	abroad	Have not decided	6	8	545	14	28	12	3,474	12							
abroad program	(Means indicate	Do not plan to do	68	85	2,612	69	178	77	19,993	68							
	the percentage	Plan to do	2	3	294	8	13	6	2,024	7	5%	8%	13	5%	.01	13% *	29
	who responded	Done or in progress	4	5	312	8	11	5	3,838	13						∇	
	"Done or in progress.")	Total	80	100	3,763	100	230	100	29,329	100						•	
e. Work with a faculty	research	Have not decided	8	10	671	18	34	15	4,250	15							
member on a research	(Means indicate	Do not plan to do	46	58	2,092	56	120	52	16,042	55							
project	the percentage	Plan to do	7	9	406	11	25	11	3,097	11	24%	15% *	.21	22%	.05	20%	.09
	who responded	Done or in progress	19	24	572	15	50	22	5,851	20	/-	Δ		/-			
	"Done or in progress.")	Total	80	100	3,741	100	229	100	29,240	100							
f. Complete a culminating	capstone	Have not decided	1	1	439	12	19	8	2,223	8							-
senior experience	(Means indicate	Do not plan to do	18	23	815	22	41	18	5,104	17							
(capstone course,	the percentage	Plan to do	14	18	937	25	50	22	7,081	24	59%	42% **	.34	52%	.13	51%	.16
senior project or thesis, comprehensive exam,	who responded	Done or in progress	47	59	1,568	42	120	52	14,953	51							
portfolio, etc.)	"Done or in progress.")	Total	80	100	3,759	100	230	100	29,361	100							
2. About how many of	vour courses at	this institution have include	ed a communit	v-hase	ed project (ser	vice	-learning)?										
	servcourse	1 None	21	26	946	25	50	22	6,934	24							
		2 Some	42	53	2,064	55	134	58	17,057	58							
		3 Most	16	20	641	17	44	19	4,655	16	2.0	2.0	02	2.0	05	2.0	01
		4 All	1	1	114	3	3	1	702	2							
		Total	80	100	3,765	100	231	100	29,348	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istributior	าร				St	tatistical	Compari	sons ^k		
Education										NSSE 2015	5 &				Your seniors of	compared v	vith	
				Tennessee T	ech	Carnegie C	lass	THEC Peer G	iroup	2016		Tennessee Tech	Carne	gie Class	THEC Pe	er Group	NSSE 2015	5 & 2016
Item wording or description	Variable name ^l	Values	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size "
13. Indicate the quality	y of your intera	ctions w	th the following peopl	e at your insti	itutio	n.												
a. Students	QIstudent	1	Poor	1	1	34	1	3	1	244	1							
		2		0	0	49	1	4	2	390	1							
		3		2	3	108	3	3	1	916	3							
		4		4	5	349	9	23	10	2,384	8							
		5		17	21	807	21	54	23	6,395	22	6.0	5.8	.17	5.8	.18	5.8	.16
		6		22	28	1,060	28	61	26	8,837	30							
		7	Excellent	34	43	1,317	35	83	36	10,144	34							
		_	Not applicable	0	0	62	2	0	0	177	1							
			Total	80	100	3,786	100	231	100	29,487	100							
b. Academic advisors	QIadvisor	1	Poor	6	8	212	6	13	6	1,255	4							
		2		7	9	214	6	11	5	1,461	5							
		3		7	9	270	7	11	5	2,074	7							
		4		10	13	415	11	27	12	3,246	11							
		5		13	16	641	17	43	19	5,276	18	4.9	5.2	15	5.3	19	5.3	21
		6		10	13	748	20	47	20	6,188	21							
		7	Excellent	27	34	1,237	33	77	33	9,711	33							
		_	Not applicable	0	0	40	1	2	1	232	1							
			Total	80	100	3,777	100	231	100	29,443	100							
c. Faculty	QIfaculty	1	Poor	2	3	52	1	6	3	313	1							
		2		3	4	64	2	2	1	499	2							
		3		5	6	154	4	15	6	1,040	4							
		4		5	6	334	9	32	14	2,771	9	. .						
		5		16	20	808	22	50	22	6,509	22	5.6	5.7	07	5.4	.10	5.7	07
		6		20	25	1,106	29	60	26	9,194	31							
		7	Excellent	29	36	1,200	32	66	28	8,815	30							
		_	Not applicable	0	0	36	1	1	0	136	0							
			Total	80	100	3,754	100	232	100	29,277	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	cy D	istribution	S				St	atistical	Compari	sons ^k		
Education															Your seniors o	compared v	vith	
								T		NSSE 2015	8	Tennessee Tech			T 11505		11665 204	- 0 2016
	Variable			Tennessee 1	ecn	Carnegie Cla	ass	THEC Peer G	oup	2016		Tennessee rech	Carneg	ie Class Effect	THEC Pee	er Group Effect	NSSE 201	5 & 2016 Effect
Item wording or description	name ^l	Values'	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size"	Mean	size "	Mean	size "
d. Student services staff	QIstaff	1	Poor	5	6	204	5	11	5	1,296	4			_				
(career services,		2		2	3	182	5	8	3	1,438	5							
student activities, housing, etc.)		3		10	13	249	7	20	9	2,011	7							
nousing, etc.)		4		12	15	428	11	31	13	3,858	13							
		5		12	15	601	16	40	17	5,514	19	4.7	4.8	06	4.8	03	4.9	10
		6		9	11	581	15	30	13	5,389	18							
		7	Excellent	16	20	636	17	36	16	4,886	17							
		_	Not applicable	14	18	889	24	56	24	4,939	17							
			Total	80	100	3,770	100	232	100	29,331	100							
e. Other administrative	QIadmin	1	Poor	4	5	210	6	19	8	1,354	5							
staff and offices (registrar, financial aid,		2		1	1	231	6	20	9	1,637	6							
etc.)		3		11	14	288	8	23	10	2,492	8							
ete.)		4		11	14	547	14	36	16	4,464	15							
		5		22	28	693	18	38	17	6,320	21	4.9	4.9	04	4.6	.16	4.9	02
		6		17	21	764	20	41	18	6,157	21							
		7	Excellent	13	16	854	23	44	19	5,700	19							
		_	Not applicable	1	1	194	5	9	4	1,299	4							
			Total	80	100	3,781	100	230	100	29,423	100							
14. How much does you	r institution en	nphasize	the following?															
a. Spending significant	empstudy	1	Very little	2	3	74	2	6	3	555	2							
amounts of time		2	Some	24	30	695	18	40	17	5,448	19							
studying and on academic work		3	Quite a bit	28	35	1,686	45	109	47	13,368	45	3.0	3.1	21	3.1	17	3.1	20
academic work		4	Very much	25	32	1,308	35	75	33	10,010	34							
			Total	79	100	3,763	100	230	100	29,381	100							
b. Providing support to	SEacademic	1	Very little	5	6	169	5	10	4	1,159	4							
help students succeed		2	Some	20	25	841	22	62	27	6,412	22							
academically		3	Quite a bit	30	38	1,519	41	95	41	12,582	43	2.9	3.0	10	2.9	.00	3.0	11
		4	Very much	24	30	1,213	32	65	28	9,068	31							
			Total	79	100	3,742	100	232	100	29,221	100							
c. Using learning support	SElearnsup	1	Very little	12	15	329	9	24	10	2,513	9							
services (tutoring		2	Some	19	24	870	23	61	26	6,946	24							
services, writing center, etc.)		3	Quite a bit	29	37	1,356	36	78	34	11,003	38	2.7	2.9 *	23	2.8	13	2.9	21
20		4	Very much	19	24	1,190	32	69	30	8,790	30		∇					
			Total	79	100	3,745	100	232	100	29,252	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequenc	y Di	istribution	S				St	atistical	Comparis	sons ^k		
Education															Your seniors c	ompared w	vith	
				T	la	Como o ei e Clo		TUEC Daar C		NSSE 2015 2016	8	Tennessee Tech	C	:- Cl	TUEC Date		NCCE 201	F 8 2016
Item wording	Variable			Tennessee 1	ecn	Carnegie Cla	SS	THEC Peer G	oup	2016		Tellilessee Tech	Carneg	Effect	THEC Pee	Effect	NSSE 201	5 & 2016 Effect
or description	name ¹	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
d. Encouraging contact	SEdiverse	1	Very little	15	19	555	15	41	18	4,312	15							
among students from		2	Some	28	35	1,081	29	80	35	9,163	31							
different backgrounds (social, racial/ethnic,		3	Quite a bit	17	22	1,158	31	59	26	9,215	31	2.5	2.7	16	2.5	01	2.6	11
religious, etc.)		4	Very much	19	24	959	26	50	22	6,620	23							
			Total	79	100	3,753	100	230	100	29,310	100							
e. Providing opportunities	SEsocial	1	Very little	8	10	324	9	11	5	1,934	7							
to be involved socially		2	Some	20	25	966	26	64	28	7,036	24							
		3	Quite a bit	28	35	1,332	36	84	36	11,388	39	2.8	2.9	04	2.9	11	2.9	11
		4	Very much	23	29	1,122	30	72	31	8,935	31							
			Total	79	100	3,744	100	231	100	29,293	100							
f. Providing support for	SEwellness	1	Very little	12	15	501	13	26	11	2,872	10							
your overall well-being		2	Some	20	25	965	26	55	24	7,539	26							
(recreation, health care, counseling, etc.)		3	Quite a bit	25	32	1,236	33	85	37	10,729	37	2.7	2.8	03	2.8	10	2.8	11
counseling, etc.)		4	Very much	22	28	1,043	28	65	28	8,114	28							
			Total	79	100	3,745	100	231	100	29,254	100							
g. Helping you manage	SEnonacad	1	Very little	31	39	1,281	34	82	35	9,432	32							
your non-academic		2	Some	27	34	1,181	32	80	35	10,145	35							
responsibilities (work, family, etc.)		3	Quite a bit	11	14	784	21	46	20	6,192	21	2.0	2.1	13	2.0	04	2.1	13
ranniy, etc.)		4	Very much	10	13	494	13	23	10	3,484	12							
			Total	79	100	3,740	100	231	100	29,253	100							
h. Attending campus	SEactivities	1	Very little	15	19	651	17	26	11	3,402	12							
activities and events		2	Some	20	25	972	26	58	25	7,761	27							
(performing arts, athletic events, etc.)		3	Quite a bit	27	34	1,176	31	74	32	10,460	36	2.6	2.6	06	2.8	26	2.8	19
atmetic events, etc.)		4	Very much	17	22	936	25	73	32	7,599	26							
			Total	79	100	3,735	100	231	100	29,222	100							
i. Attending events that	SEevents	1	Very little	21	27	871	23	48	21	5,524	19							
address important		2	Some	30	38	1,269	34	85	37	10,474	36							
social, economic, or		3	Quite a bit	12	15	977	26	56	24	8,561	29	2.3	2.4	06	2.4	09	2.4	13
political issues		4	Very much	16	20	604	16	40	17	4,643	16							
			Total	79	100	3,721	100	229	100	29,202	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	гсу С	istribution	S				St	atistical	l Compari:	sons ^k		
Education										NSSE 2015	5.&				Your seniors o	compared w	vith	
				Tennessee 1	ech	Carnegie Cl	ass	THEC Peer G	roup	2016	<i>-</i>	Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable		_											Effect		Effect		Effect
or description 15. About how many he	name'	Values"		Count	% ng?	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
a. Preparing for class	tmprephrs	иша с 0	0 hrs	ng the followi	ng. 0	14	0	1	0	107	0							
(studying, reading,		3	1-5 hrs	9	11	471	12	35	15	3,747	13							
writing, doing	(Recoded version of tmprep created	8	6-10 hrs	20	25	881	23	57	25	6,791	23							
homework or lab work,	by NSSE. Values	13	11-15 hrs	23	29	761	20		19	5,949	20							
analyzing data,	are estimated	18	16-20 hrs	8	10	670	18	37	16	5,158	18	15.1	15.2	01	14.5	.06	15.2	02
rehearsing, and other academic activities)	number of hours	23	21-25 hrs	8	10	400	11	29	13	3,145	11	2012	10.2	.01	1	.00	10.2	.02
academic activities)	per week.)	28	26-30 hrs	1	1	265	7	8	3	1,915	7							
		33	More than 30 hrs	11	14	309	8	20	9	2,572	9							
			Total	80	100	3,771	100	230	100	29,384	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	43	54	1,924	51	105	46	11,598	40							
curricular activities	(Recoded version	3	1-5 hrs	15	19	892	24	56	24	8,726	30							
(organizations, campus	of tmcocurr	8	6-10 hrs	10	13	410	11	31	13	3,938	13							
publications, student	created by NSSE.	13	11-15 hrs	4	5	205	5	15	7	2,042	7							
government, fraternity or sorority,	Values are	18	16-20 hrs	3	4	144	4	9	4	1,375	5	4.6	4.3	.05	5.1	07	5.2	09
intercollegiate or	estimated number	23	21-25 hrs	2	3	89	2	4	2	720	2							
intramural sports, etc.)	of hours per week.)	28	26-30 hrs	2	3	33	1	4	2	337	1							
	week.)	33	More than 30 hrs	1	1	54	1	6	3	513	2							
			Total	80	100	3,751	100	230	100	29,249	100							
c. Working for pay	tmworkonhrs	0	0 hrs	59	74	2,867	76	177	76	20,158	69							
on campus	(Recoded version	3	1-5 hrs	5	6	148	4	7	3	1,714	6							
	of tmworkon	8	6-10 hrs	8	10	223	6	12	5	2,694	9							
	created by NSSE.	13	11-15 hrs	3	4	176	5	11	5	1,954	7							
	Values are	18	16-20 hrs	3	4	221	6	19	8	1,751	6	2.7	3.2	06	3.3	09	3.8	15
	estimated number of hours per	23	21-25 hrs	2	3	59	2	2	1	513	2							
	oj nours per week.)	28	26-30 hrs	0	0	26	1	1	0	216	1							
	ween,	33	More than 30 hrs	0	0	39	1	3	1	303	1							
			Total	80	100	3,759	100	232	100	29,303	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	cy Di	stribution	S				Sta	itistical	Comparis	ons ^k		
ducation										NSSE 2015	5 &				Your seniors co	ompared v	vith	
				Tennessee 7	ech	Carnegie Cl	ass -	THEC Peer G	roup	2016		Tennessee Tech	Carnegi	e Class	THEC Pee	r Group	NSSE 2015	8 201
Item wording or description	Variable name ^I	Values ⁿ	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effec size'
d. Working for pay	tmworkoffhrs	0	0 hrs	41	51	1,450	39	96	42	12,386	42							
off campus	(Recoded version	3	1-5 hrs	3	4	227	6	9	4	2,213	8							
	of tmworkoff	8	6-10 hrs	8	10	268	7	20	9	2,435	8							
	created by NSSE.	13	11-15 hrs	4	5	260	7	13	6	2,302	8							
	Values are	18	16-20 hrs	9	11	328	9	31	13	2,751	9	9.0	12.9 **	30	11.8	23	10.7	14
	estimated number	23	21-25 hrs	3	4	259	7	18	8	2,037	7		\blacksquare					
	of hours per week.)	28	26-30 hrs	7	9	219	6	13	6	1,584	5							
	week.)	33	More than 30 hrs	5	6	737	20	31	13	3,496	12							
			Total	80	100	3,748	100	231	100	29,204	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											11.7	16.0 *** V	33	15.1 * ▽	28	14.4 * ▽	22
e. Doing community	tmservicehrs	0	0 hrs	35	44	1,575	42	97	42	12,884	44							
service or volunteer	(Recoded version	3	1-5 hrs	28	35	1,354	36	73	31	11,103	38							
work	of tmservice	8	6-10 hrs	7	9	413	11	28	12	2,603	9							
	created by NSSE.	13	11-15 hrs	3	4	177	5	13	6	1,089	4							
	Values are	18	16-20 hrs	4	5	88	2	7	3	601	2	3.9	4.1	03	5.0	15	3.5	.0
	estimated number	23	21-25 hrs	1	1	44	1	2	1	286	1							
	of hours per week.)	28	26-30 hrs	0	0	31	1	6	3	159	1							
	week.)	33	More than 30 hrs	1	1	62	2	6	3	401	1							
			Total	79	100	3,744	100	232	100	29,126	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	0	0	130	3	4	2	744	3							
socializing (time with	(Recoded version	3	1-5 hrs	36	45	1,219	32	83	36	8,732	30							
friends, video games,	of tmrelax created	8	6-10 hrs	20	25	1,108	30	56	24	8,678	30							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	12	15	635	17	47	21	5,142	18							
up with friends online, etc.)	are estimated	18	16-20 hrs	1	1	352	9	27	12	3,053	10	9.4	9.5	.00	9.2	.03	10.1	0
cic.)	number of hours	23	21-25 hrs	5	6	148	4	6	3	1,335	5							
	per week.)	28	26-30 hrs	0	0	59	2	3	1	649	2							
		33	More than 30 hrs	6	8	102	3	3	1	920	3							
			Total	80	100	3,753	100	229	100	29,253	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education															Your seniors o	ompared w	vith	
										NSSE 2015	5 &	T T b				_		
				Tennessee 7	Tech	Carnegie Cl	lass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi		THEC Pee	•	NSSE 201	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size ⁿ	Mean	Effect size "
g. Providing care for	tmcarehrs	0	0 hrs	48	61	1,997	53	144	62	19,151	66							
dependents (children,	(Recoded version	3	1-5 hrs	13	16	456	12	31	13	3,257	11							
parents, etc.)	of tmcare created	8	6-10 hrs	1	1	221	6	6	3	1,397	5							
	by NSSE. Values	13	11-15 hrs	5	6	139	4	12	5	865	3							
	are estimated	18	16-20 hrs	2	3	126	3	7	3	682	2	5.9	8.8 *	22	6.2	02	5.7	.02
	number of hours	23	21-25 hrs	0	0	64	2	4	2	421	1		∇					
	per week.)	28	26-30 hrs	2	3	56	1	2	1	296	1							
		33	More than 30 hrs	8	10	690	18	26	11	3,162	11							
			Total	79	100	3,749	100	232	100	29,231	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	7	9	1,058	28	29	13	5,677	19							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	51	64	1,715	46	128	56	15,736	54							
	of tmcommute	8	6-10 hrs	15	19	619	16	40	17	4,938	17							
	created by NSSE.	13	11-15 hrs	3	4	203	5	18	8	1,641	6							
	Values are	18	16-20 hrs	2	3	75	2	5	2	581	2	5.1	4.5	.10	5.8	12	4.8	.05
	estimated number of hours per	23	21-25 hrs	1	1	29	1	2	1	250	1							
	week.)	28	26-30 hrs	0	0	24	1	1	0	137	0							
		33	More than 30 hrs	1	1	44	1	7	3	379	1							
			Total	80	100	3,767	100	230	100	29,339	100							
16. Of the time you spe	end preparing for	class i	n a typical 7-day week	k, about how i	nuch	is on assigne	ed rea	ding?										
	reading	1	Very little	19	24	542	14	53	23	4,424	15							
	(Revised for 2014.	2	Some	21	26	1,136	30	70	30	8,892	30							
	Comparison data	3	About half	23	29	1,093	29	63	27	8,136	28	2.5	2.8 *	22	2.5	01	2.7	21
	are limited to	4	Most	15	19	700	19	28	12	5,725	20		▽		2.0	.01	2.,	.21
	NSSE 2014	5	Almost all	2	3	302	8	17	7	2,168	7		•					
	participating institutions.)	3	Total	80	100	3,773	100	231	100	29,345	100							
	institutions.)		1000	00	100	3,773	100	201	100	2,5.5	100							
	tmreadinghrs																	
of tmprephrs bas	able created by NSSI ed on reading, where half=.50; Most=.75	e Very lit										6.2	7.1	14	6.2	.00	6.9	12



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequenc	cy D	istribution	S				Sta	atistical	Compari	sons ^k		
Education											_				Your seniors o	ompared v	vith	
				Tannassaa	-och	Carnegie Cla		THEC Door C		NSSE 2015 2016	5 &	Tennessee Tech	Carnag	io Class	TUEC Doc	· Craun	NCCE 201E	0 201
Item wording	Variable			Tennessee 1	ecn	Carriegie Cia	55	THEC Peer G	oup	2016		Termessee Tech	Carneg	Effect	THEC Pee	Effect	NSSE 2015	Effect
or description	name ¹	Values '	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size'
	tmreadinghrscol	1	0 hrs	0	0	13	0	1	0	103	0							
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	46	58	1,836	49	134	59	14,485	50							
	created by NSSE.)	3	More than 5, up to 10 hrs	20	25	1,083	29	53	23	8,472	29							
		4	More than 10, up to 15 hrs	6	8	370	10	14	6	2,911	10							
		5	More than 15, up to 20 hrs	4	5	200	5	13	6	1,647	6							
		6	More than 20, up to 25 hrs	4	5	181	5	9	4	1,138	4							
		7	More than 25 hrs	0	0	73	2	5	2	463	2							
			Total	80	100	3,756	100	229	100	29,219	100							
	_	is inst	itution contributed to			_		_		_		?						
a. Writing clearly and	pgwrite	1	Very little	8	10	222	6	11	5	1,748	6							
effectively		2	Some	20	25	819	22	65	28	6,942	24	• 0						
		3	Quite a bit	30	38	1,406	37	87	38	11,298	38	2.8	3.0 *	23	2.9	11	3.0	18
		4	Very much	21	27	1,320	35	66	29	9,442	32		∇					
			Total	79	100		100	229	100	29,430	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	9	11	286	8	16	7	1,907	6							
		2	Some Ouite a bit	14 30	18 38	881 1,336	23 36	63 79	27 34	6,718 11,142	23 38	2.9	2.0	01	2.0	02	2.0	02
		4	Very much	27	34	1,260	33	73	32	9,600	33	2.9	2.9	01	2.9	.03	3.0	03
		4	Total	80	100	*	100	231	100	29,367	100							
c. Thinking critically and	d pgthink	1	Very little	6	8	103	3	11	5	715	2							
analytically	д раших	2	Some	16	20	491	13	35	15	4,088	14							
		3	Quite a bit	29	36	1,443	38	85	37	11,677	40	3.0	3.3 **	33	3.2	19	3.3 **	30
		4	Very much	29	36	1,719	46	99	43	12,872	44	2.0	V	.55	3.2	.17	▼	.50
			Total	80	100		100	230	100	29,352	100		•				•	
d. Analyzing numerical	pganalyze	1	Very little	20	25	737	20	41	18	5,968	20							
and statistical		2	Some	29	37	1,199	32	83	36	10,088	34							
information		3	Quite a bit	20	25	1,041	28	61	26	7,823	27	2.3	2.5 *	24	2.5	23	2.4	18
		4	Very much	10	13	779	21	46	20	5,466	19		∇					
			Total	79	100	3,756	100	231	100	29,345	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	ıS				Sta	atistical	l Compari:	sons ^k		
Education										NSSE 2015	: <i>&</i> ,				Your seniors of	compared v	vith	
				Tennessee 1	Гесһ	Carnegie Cl	ass	THEC Peer G	roup	2016	, Q	Tennessee Tech	Carnegi	e Class	THEC Pee	er Group	NSSE 2015	& 2016
Item wording	Variable								<u> </u>					Effect		Effect		Effect
or description	name ¹	Values'		Count	%	Count	%	Count	%	Count		Mean	Mean	size "	Mean	size "	Mean	size "
e. Acquiring job- or work- related knowledge and	pgwork	2	Very little Some	2	3	225 684	6	21	9 20	1,717	6							
skills		3	Ouite a bit	16 25	20 32	1,196	18 32	46 65	28	5,440 9,940	19 34	3.2	2.1	07	2.0	17	2.1	00
		4	Very much	36	46	1,190	32 44	98	43	12,294	42	3.4	3.1	.07	3.0	.17	3.1	.09
		4	Total	79	100	3,765	100	230	100	29,391	100							
f. Working effectively	naothara	1	Very little	4	5	157	4	14	6	1,096	4							
with others	pgothers	2	Some	13	16	686	18	43	19	5,308	18							
		3	Ouite a bit	30	38	1,346	36	71	31	10,910	37	3.2	3.2	.00	3.1	.01	3.2	.00
		4	Very much	33	41	1,567	42	103	45	12,018	41	3.2	5.2	.00	5.1	.01	5.2	.00
		7	Total	80	100	3,756	100	231	100	29,332	100							
g. Developing or	pgvalues	1	Very little	11	14	315	8	27	12	2,658	9							
clarifying a personal	F8	2	Some	20	25	831	22	57	25	6,878	23							
code of values and		3	Quite a bit	22	28	1,235	33	80	34	9,919	34	2.8	3.0	19	2.8	02	2.9	13
ethics		4	Very much	26	33	1,386	37	68	29	9,928	34	2.0	2.0	,	2.0	.02	2.7	.10
			Total	79	100	3,767	100	232	100	29,383	100							
h. Understanding people	pgdiverse	1	Very little	13	16	314	8	30	13	2,570	9							
of other backgrounds		2	Some	26	33	957	25	65	28	7,837	27							
(economic,		3	Quite a bit	23	29	1,222	32	66	29	9,971	34	2.6	2.9 **	36	2.8	18	2.9 **	30
racial/ethnic, political, religious, nationality,		4	Very much	18	23	1,271	34	70	30	9,003	31		•				•	
etc.)			Total	80	100	3,764	100	231	100	29,381	100							
i. Solving complex real-	pgprobsolve	1	Very little	9	11	407	11	35	15	2,918	10							
world problems		2	Some	25	32	1,004	27	59	26	8,359	28							
		3	Quite a bit	26	33	1,229	33	66	29	10,279	35	2.7	2.8	12	2.7	05	2.8	09
		4	Very much	19	24	1,124	30	71	31	7,808	27							
			Total	79	100	3,764	100	231	100	29,364	100							
j. Being an informed and	pgcitizen	1	Very little	12	15	497	13	38	16	3,805	13							
active citizen		2	Some	29	37	1,079	29	73	31	9,045	31							
		3	Quite a bit	23	29	1,163	31	62	27	9,424	32	2.5	2.7	20	2.6	09	2.7	15
		4	Very much	15	19	1,011	27	59	25	6,997	24							
			Total	79	100	3,750	100	232	100	29,271	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy Dis	stribution	ıs				Sta	atistical	Comparis	sons ^k		
Education															Your seniors c	ompared v	vith	
Luucation										NSSE 2015	8							
				Tennessee 7	Гесһ	Carnegie Cl	lass T	HEC Peer G	roup	2016		Tennessee Tech	Carnegi	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name'	Values	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size ⁿ	Mean	size ⁿ
18. How would you ev	aluate your enti	re educa	itional experience at th	nis institution	?													
	evalexp	1	Poor	2	3	72	2	4	2	592	2							
		2	Fair	9	11	407	11	36	16	3,052	10							
		3	Good	28	35	1,595	42	100	43	12,799	43	3.4	3.3	.06	3.2	.19	3.3	.07
		4	Excellent	41	51	1,707	45	91	39	13,028	44							
			Total	80	100	3,781	100	231	100	29,471	100							
19. If you could start of	over again, woul	ld you go	to the same institution	n you are nov	v atte	nding?												
	sameinst	1	Definitely no	7	9	159	4	7	3	1,258	4							
		2	Probably no	8	10	466	12	38	16	3,612	12							
		3	Probably yes	23	29	1,421	38	84	36	11,123	38	3.3	3.3	.00	3.2	.03	3.3	.00
		4	Definitely yes	42	53	1,741	46	103	44	13,516	46							
			Total	80	100	3,787	100	232	100	29,509	100							



Respondent Profile: Education

Education					First-Y	'ear	Students ^a	1					Se	niors ^a			
									NSSE 2015	&						NSSE 201	L5 &
			Tennessee ⁻	Tech	Carnegie Cl	lass	THEC Peer G	roup	2016		Tennessee Tech	Ca	rnegie Class	THEC Peer	Group	2016	,
•	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	6	Count	% Count	%	Count	
, ,	MAJnum	One	29	97	2,391	85	154	91	19,597	84	74 9	3	3,205	34 217	94	25,236	. 8
you plan to complete?		More than one	1	3	420	15	16	9	3,622	16	6	8	594	16 15	6	4,357	1
(Do not count minors.)		Total	30	100	2,811	100	170	100	23,219	100	80 10	0	3,799 10	00 232	100	29,593	10
First major or expected	MAJfirstcol	Arts & Humanities	6	20	560	20	28	16	5,002	22	4	5	709	19 51	22	6,231	2
default related-major	(Recoded from MAJfirst.)	Biological Sci., Agriculture, & Natural Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0)
categories.	1417 13111 31)	Physical Sci., Mathematics,	0	0	0	0	0	0	0	0	0	0	0	0 (0	0)
(Does not reflect any		& Computer Science	0	0	0	0	0	0	0	0	0	0	0	0 (
customization made		Social Sciences Business	0	0	0	0	0	0	0	0	_	0		0 (
for the Major Field Report)		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0		0 0			
		Education	17	57	1,578	56	94	55	12,523	54	67 8	4	2,358	52 118	51	16,913	5
		Engineering	0	0	0	0	0	0	0	0		0		0 (,	
		Health Professions	7	23	523	19	42	25	4,520	19		0		15 54			
		Social Service Professions	0	0	0	0	0	0	0	0		0		0 (
		All Other	0	0	150	5	6	4	1,174	5	1	1		4			
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0		0 (
		Total	30	100	2,811	100	170	100	23,219	100	80 10		3,799 10	00 232		29,593	
Second major or	MAJsecondcol	Arts & Humanities	1	100	90	22	5	31	889	25		0		17 4		1,051	
	(Recoded from	Biological Sci., Agriculture, & Natural Resources	0	0	11	3	0	0	101	3	0	0	9	2	0	94	
related-major categories.	MAJsecond.)	Physical Sci., Mathematics, & Computer Science	0	0	17	4	0	0	158	4	1 1	7	16	3	13	183	
(Does not reflect any		Social Sciences	0	0	36	9	3	19	450	12	0	0	47	8	7	445	
customization made		Business	0	0	46	11	2	13	285	8	0	0	26	4	20	189	
for the Major Field Report)		Communications, Media, & Public Relations	0	0	12	3	0	0	115	3	0	0	11	2	7	86	
кероп)		Education	0	0	151	36	4	25	1,071	30	3 5	0	290	19	7	1,632	
		Engineering	0	0	1	0	0	0	18	0	0	0	1	0 (0	13	
		Health Professions	0	0	27	6	2	13	270	7	2 3	3	40	7	13	287	
		Social Service Professions	0	0	11	3	0	0	61	2	0	0	5	1 (0	46	
		All Other	0	0	11	3	0	0	137	4	0	0	27	5	7	242	
		Undecided, Undeclared	0	0	5	1	0	0	49	1	0	0	14	2	0	61	
		Total	1	100	418	100	16	100	3,604	100	6 10	0	586 10	00 15	100	4,329	10



Respondent Profile: Education

Ed	ucation					First-Y	'ear	Students	a					Se	niors ^a				
										NSSE 2015	5 &							NSSE 2015	; &
				Tennessee 1	Гесһ	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Te	ech	Carnegie Clas	THEC Pee	r Gro	oup	2016	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	% Coui	nt	%	Count	%
21.	What is your class	class	Freshman/First-year	21	70	2,377	85		84	20,510	89	0	0	15		1	0	57	0
	level?		Sophomore	9	30	333	12	23	14	2,165	9	1	1	24	1	0	0	195	1
			Junior	0	0	45	2	3	2	236	1	7	9	215	6	8	3	1,978	7
			Senior	0	0	5	0	0	0	41	0	69	87	3,408	90 21	9	95	26,509	90
			Unclassified	0	0	29	1	1	1	136	1	2	3	114	3	3	1	698	2
			Total	30	100	2,789	100	169	100	23,088	100	79	100	3,776 1	00 23	1	100	29,437	100
22.	Thinking about this	fulltime	No	1	3	149	5	6	4	644	3	2	3	637	17 3	3	14	4,150	14
	current academic term,		Yes	29	97	2,618	95	162	96	22,321	97	77	97	3,124	83 19	5	86	25,147	86
	are you a full-time student?		Total	30	100	2,767	100	168	100	22,965	100	79	100	3,761 1	00 22	28	100	29,297	100
23a.	How many courses are	coursenum	0	0	0	11	0	1	1	66	0	1	1	171	5	4	2	830	3
	you taking for credit		1	0	0	98	4	3	2	188	1	1	1	409	11 2	21	9	2,314	8
	this current academic term?		2	0	0	51	2	0	0	232	1	25	31	449	12 3	2	14	3,603	12
	term?		3	2	7	128	5	14	8	826	4	14	18	404	11 3	8	16	3,291	11
			4	3	10	639	23	28	17	4,125	18	16	20	843	22 4	0	17	6,222	21
			5	14	47	875	31	65	38	8,779	38	8	10	629	17 3	6	16	5,987	20
			6	6	20	516	18	31	18	4,830	21	3	4	406	11 3	0	13	3,285	11
			7 or more	5	17	474	17	27	16	4,047	18	12	15	464	12 3	0	13	3,892	13
			Total	30	100	2,792	100	169	100	23,093	100	80	100	3,775 1	00 23	1	100	29,424	100
b.	Of these, how many are	onlinenum	0	23	77	1,913	69	107	63	18,859	82	64	80	2,220	59 13	8	60	21,753	74
	entirely online?		1	6	20	445	16	39	23	2,797	12	11	14	755	20 5	6	24	4,540	16
			2	1	3	148	5	13	8	729	3	2	3	298	8 2	20	9	1,457	5
			3	0	0	86	3	6	4	243	1	0	0	164	4	8	3	635	2
			4	0	0	87	3	1	1	157	1	3	4	180	5	7	3	455	2
			5	0	0	15	1	2	1	41	0	0	0	32	1	1	0	109	0
			6	0	0	18	1	1	1	51	0	0	0	40	1	1	0	104	0
			7 or more	0	0	61	2	0	0	86	0	0	0	69	2	0	0	208	1
			Total	30	100	2,773	100	169	100	22,963	100	80	100	3,758 1	00 23	1	100	29,261	100
	Collapsed recode of	onlinecrscol	No courses taken online	23	77	1,913	69	107	63	18,859	82	64	80	2,220	59 13	8	60	21,752	74
	courses taken online		Some courses taken online	7	23	497	18	56	33	3,498	15	13	16	808	22	8	34	5,588	19
	(Based on responses to coursenum and		All courses taken online	0	0	363	13	6	4	606	3	3	4	730	19	5	6	1,919	7
	onlinenum)		Total	30	100	2,773	100	169	100	22,963	100	80	100	3,758 1	00 23	1	100	29,259	100



Respondent Profile: Education

Ec	lucation					First-Y	'ear	Students	а						Sen	iors ^a			
				Tennessee	Tech	Carnegie Cl	ass	THEC Peer G	iroup	NSSE 2015 2016	8	Tennessee 1	Гесh			THEC Peer G	iroup	NSSE 2015 2016	5 &
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24.	What have most of your	grades	C- or lower	1	3	46	2		5	320	1	1	1	7	0		0	48	0
	grades been up to now	_	C	1	3	54	2	3	2	516	2	0	0	36	1	1	0	233	1
	at this institution?		C+	1	3	91	3	10	6	831	4	0	0	95	3	8	3	568	2
			B-	4	13	154	6	8	5	1,305	6	0	0	140	4	. 13	6	1,151	4
			В	5	17	442	16	28	17	3,891	17	6	8	508	13	35	15	4,015	14
			B+	4	13	491	18	33	20	4,325	19	7	9	584	15	31	13	5,016	17
			A-	6	20	605	22	28	17	5,146	22	17	21	845	22	41	18	6,921	24
			A	8	27	900	32	49	29	6,726	29	49	61	1,559	41	102	44	11,446	39
			Total	30	100	2,783	100	167	100	23,060	100	80	100	3,774	100	231	100	29,398	100
25.	Did you begin college	begincol	Started here	25	83	2,445	88	146	88	21,183	92	45	56	1,881	50	123	54	17,031	58
	at this institution or		Started elsewhere	5	17	333	12	20	12	1,852	8	35	44	1,894	50	106	46	12,344	42
	elsewhere?		Total	30	100	2,778	100	166	100	23,035	100	80	100	3,775	100	229	100	29,375	100
26.	Since graduating from	attend_voc	Vocational or technical school	0	0	137	5	3	2	585	3	3	4	311	8	18	8	1,607	5
	high school, which of	attend_com	Community or junior college	2	7	271	10	14	8	1,674	7	42	53	1,754	46	88	38	11,116	38
	the following types of schools have you	attend_col	4-year college or university other than this one	5	17	281	10	18	11	1,763	8	18	23	967	26	71	31	6,916	24
	attended <i>other than</i> the one you are now	attend_none	None	23	77	2,121	76	130	78	18,869	82	33	41	1,348	36	96	42	13,096	45
	attending? (Select all that apply.)	attend_other	Other	0	0	71	3	6	4	584	3	1	1	142	4	. 9	4	839	3
27.	What is the highest level of education you	edaspire	Some college but less than a bachelor's degree	2	7	205	7	15	9	1,176	5	3	4	239	6	14	6	1,347	5
	ever expect to		Bachelor's degree (B.A., B.S., etc.)	8	27	956	34	42	25	7,710	34	17	22	1,127	30	67	29	8,097	28
	complete?		Master's degree (M.A., M.S., etc.)	15	50	1,211	44	75	45	10,438	45	41	52	1,783	47	106	46	14,678	50
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	5	17	407	15	35	21	3,645	16	18	23	621	16	44	19	5,206	18
			Total	30	100	2,779	100	167	100	22,969	100	79	100	3,770	100	231	100	29,328	100



Respondent Profile: Education

Ed	ucation					First-Y	ear	Students ⁶	a					S	eni	ors ^a			
										NSSE 2015	&							NSSE 2015	<i>3</i> &
				Tennessee	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee T	ech	Carnegie Cla	SS	THEC Peer G	roup	2016	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28.	What is the highest	parented	Did not finish high school	2	7	172	6	3	2	842	4	3	4		8	10	4	1,279	4
	level of education		High school diploma or G.E.D.	4	13	555	20	38	23	3,772	16	21	26	817	22	55	24	5,349	18
	completed by either of your parents (or those		Attended college, but did not complete degree	4	13	395	14	33	20	2,744	12	11	14	492	13	32	14	3,426	12
	who raised you)?		Associate's degree (A.A., A.S., etc.)	6	20	278	10	14	8	2,442	11	6	8	410	11	20	9	3,191	11
			Bachelor's degree (B.A., B.S., etc.)	9	30	767	28	51	31	7,016	31	19	24	947	25	67	29	8,630	29
			Master's degree (M.A., M.S., etc.)	5	17	496	18	23	14	4,822	21	17	21	625	17	37	16	5,768	20
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	112	4	5	3	1,351	6	3	4	176	5	9	4	1,709	6
			Total	30	100	2,775	100	167	100	22,989	100	80	100	3,769	100	230	100	29,352	100
	First-generation status	firstgen	Not first-generation	14	47	1,375	50	79	47	13,189	57	39	49	1,748	46	113	49	16,107	55
	(No parent holds a	(Recoded from	First-generation	16	53	1,400	50	88	53	9,800	43	41	51	2,021	54	117	51	13,245	45
	bachelor's degree)	parented)	Total	30	100	2,775	100	167	100	22,989	100	80	100	3,769	100	230	100	29,352	100
29.	What is your gender	genderid	Man	5	17	643	23	47	28	5,479	24	17	22	937	25	66	29	7,366	25
	identity?		Woman	24	80	2,097	75	117	70	17,211	75	60	76	2,764	73	163	71	21,431	73
			Another gender identity	1	3	14	1	1	1	131	1	0	0	19	1	1	0	123	0
			I prefer not to respond	0	0	26	1	2	1	202	1	2	3	47	1	1	0	438	1
			Total	30	100	2,780	100	167	100	23,023	100	79	100	3,767	100	231	100	29,358	100
30.	Enter your year of birth	agecat	19 or younger	25	83	2,239	81	142	85	20,581	90	0	0	17	0	0	0	91	0
	(e.g., 1994):	(Recoded	20-23	4	13	220	8	18	11	1,479	6	56	70	2,049	55	146	64	20,204	69
		from the	24-29	0	0	120	4	3	2	347	2	10	13	686	18	35	15	4,442	15
		information	30-39	0	0	97	4	2	1	278	1	11	14	479	13	19	8	2,365	8
		entered in	40-55	1	3	85	3	0	0	217	1	2	3	443	12	25	11	1,825	6
		birthyear)	Over 55	0	0	8	0	2	1	37	0	1	1	68	2	3	1	280	1
			Total	30	100	2,769	100	167	100	22,939	100	80	100	3,742	100	228	100	29,207	100
31a.	Are you an	internat	No	30	100	2,687	97	160	96	22,131	97	80	100	3,654	98	226	99	28,476	98
	international student?		Yes	0	0	70	3	6	4	689	3	0	0	75	2	2	1	631	2
			Total	30	100	2,757	100	166	100	22,820	100	80	100	3,729	100	228	100	29,107	100
	International student	countrycol	Africa Sub-Saharan	0	0	1	2	0	0	19	3	0	0	3	4	0	0	27	5
	country of citizenship,	(D 1 . 1 C	Asia	0	0	25	38	1	17	322	50	0	0	23	34	2	100	234	40
	collapsed into regions by NSSE. Responses to	(Recoded from country.)	Canada	0	0	7	11	1	17	46	7	0	0	7	10	0	0	66	11
	country are in the data	country.)	Europe	0	0	13	20	3	50	121	19	0	0	7	10	0	0	83	14
	file. U.S. (domestic)		Latin America and Caribbean	0	0	14	21	1	17	109	17	0	0	22	33	0	0	135	23
	students did not receive		Middle East and North Africa	0	0	5	8	0	0	21	3	0	0	3	4	0	0	22	4
	this question.		Oceania	0	0	1	2	0	0	12	2	0	0	2	3	0	0	17	3
			Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	0	0	66	100	6	100	650	100	0	0	67	100	2	100	584	100



Respondent Profile: Education

Ed	ucation			First-Year Students ^a									Seniors ^a										
										NSSE 2015	8							NSSE 2015	5 &				
				Tennessee ⁻	Гесh	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee T	ech	Carnegie Cla	ss 1	THEC Peer G	roup	2016					
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%				
32.	What is your racial or	re_amind	American Indian or Alaska Native	0	0	70	3	3	2	530	2	0	0	69	2	2	1	623	2				
	ethnic identification? (Select all that apply.)	re_asian	Asian	0	0	195	7	4	2	1,399	6	2	3	192	5	7	3	1,366	5				
	(Select all that apply.)	re black	Black or African American	3	10	342	12	45	27	2,148	9	0	0	344	9	37	16	1,956	7				
		re_latino	Hispanic or Latino	0	0	526	19	7	4	2,591	11	0	0	597	16	4	2	2,752	9				
		re_pacific	Native Hawaiian or Other Pacific Islander	0	0	43	2	0	0	215	1	1	1	35	1	0	0	251	1				
		re_white	White	27	90	1,782	64	110	66	17,321	75	78	98	2,545	68	176	76	22,743	78				
		re_other	Other	0	0	56	2	3	2	354	2	0	0	57	2	2	1	507	2				
		re_pnr	I prefer not to respond	1	3	80	3	5	3	542	2	1	1	179	5	8	3	1,150	4				
	Racial or ethnic	re_all	American Indian or Alaska Native	0	0	14	1	1	1	125	1	0	0	15	0	0	0	172	1				
	identification	(Recoded from	Asian	0	0	132	5	2	1	1,005	4	1	1	143	4	6	3	971	3				
		re_amind	Black or African American	2	7	275	10	41	25	1,639	7	0	0	298	8	35	15	1,598	5				
		through	Hispanic or Latino	0	0	400	14	3	2	1,823	8	0	0	496	13	4	2	2,016	7				
		re_pnr	Native Hawaiian/Other Pac. Islander	0	0	11	0	0	0	58	0	0	0	14	0	0	0	80	0				
		where each student is	White	26	87	1,577	57	102	61	15,834	69	76	95	2,376	63	172	74	21,274	73				
		represented only	Other	0	0	30	1	2	1	184	1	0	0	32	1	1	0	312	1				
		once)	Multiracial	1	3	259	9	10	6	1,779	8	2	3	209	6	5	2	1,744	6				
			I prefer not to respond	1	3	80	3	5	3	542	2	1	1	179	5	8	3	1,150	4				
			Total	30	100	2,778	100	166	100	22,989	100	80	100	3,762	100	231	100	29,317	100				
33.	Are you a member of a	greek	No	27	90	2,590	93	144	87	20,819	91	72	90	3,421	91	202	87	26,020	89				
	social fraternity or		Yes	3	10	187	7	22	13	2,122	9	8	10	333	9	29	13	3,240	11				
	sorority?		Total	30	100	2,777	100	166	100	22,941	100	80	100	3,754	100	231	100	29,260	100				
34.	Which of the following best describes where	living	Dormitory or other campus housing (not fraternity or sorority house)	8	27	1,520	55	99	60	15,583	68	4	5	483	13	26	11	4,988	17				
	you are living while		Fraternity or sorority house	0	0	12	0	1	1	128	1	0	0	22	1	4	2	321	1				
	attending college?		Residence (house, apartment, etc.) within walking distance to the institution	1	3	172	6	12	7	1,592	7	14	18	581	15	45	19	7,381	25				
			Residence (house, apartment, etc.) farther than walking distance to the institution	20	67	858	31	45	27	4,957	22	57	71	2,287	61	146	63	15,273	52				
			None of the above	1	3	203	7	9	5	688	3	5	6	387	10	10	4	1,314	4				
			Total	30	100	2,765	100	166	100	22,948	100	80	100		100	231	100	29,277	100				
35.	Are you a student-	athlete	No	28	93	2,514	91	156	95	19,928	87	77	97	3,525	95	217	95	26,724	92				
	athlete on a team		Yes	2	7	242	9	9	5	2,941	13	2	3	197	5	12	5	2,418	8				
	sponsored by your institution's athletics department?		Total	30	100	2,756	100	165	100	22,869	100	79	100		100	229	100	29,142	100				



Respondent Profile: Education

Education				First-Y	ear	Students ⁶	a		Seniors ^a										
	Item wording or description i. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard? ia. Have you been diagnosed with any disability or impairment? b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.) Disability or impairment									NSSE 2015	5 &							NSSE 2015	5 &
				Tennessee 7	Гесһ	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Teo	ch	Carnegie Cla	ss T	THEC Peer G	roup	2016	
	-	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36.	Are you a current or	veteran	No	30	100	2,722	99	163	99	22,651	99	76	96	3,610	97	224	97	28,338	97
			Yes	0	0	38	1	2	1	204	1	3	4	130	3	6	3	822	3
	, , , , , , , , , , , , , , , , , , ,		Total	30	100	2,760	100	165	100	22,855	100	79	100	3,740	100	230	100	29,160	100
	*																		
37a.		disability	No	24	80	2,403	87	140	84	19,674	86	73	91	3,271	87	198	86	25,212	86
			Yes	4	13	293	11	25	15	2,588	11	6	8	384	10	28	12	3,201	11
	•		I prefer not to respond	2	7	78	3	2	1	709	3	1	1	107	3	5	2	881	3
	impairment?		Total	30	100	2,774	100	167	100	22,971	100	80	100	3,762	100	231	100	29,294	100
b	[If answered "yes"] Which of the following		A sensory impairment (vision or hearing)	1	25	44	15	5	20	377	15	1	17	60	16	8	29	434	14
		dis_mobility	A mobility impairment	1	25	17	6	2	8	114	4	1	17	41	11	1	4	254	8
	(Select all that apply.)	dis_learning	A learning disability (e.g., ADHD, dyslexia)	1	25	155	53	10	40	1,291	50	1	17	156	41	7	25	1,496	11 3 100 14
		dis_mental	A mental health disorder	0	0	101	35	7	28	927	36	1	17	119	31	9	32	1,078	34
		dis_other	A disability or impairment not listed above	2	50	47	16	6	24	417	16	2	33	80	21	6	21	631	20
	•	disability_all	A sensory impairment	1	3	27	1	2	1	252	1	1	1	44	1	7	3	265	1
	impairment	(Recoded from	A mobility impairment	1	3	10	0	1	1	66	0	1	1	26	1	1	0	146	0
		disability and	A learning disability	0	0	110	4	7	4	936	4	1	1	115	3	5	2	1,095	4
		dis_sense	A mental health disorder	0	0	60	2	6	4	594	3	1	1	74	2	6	3	669	2
		through	A disability or impairment not listed	1	3	25	1	5	3	264	1	2	3	56	1	6	3	414	1
		dis_other where each student is	More than one disability or impairment	1	3	60	2	4	2	466	2	0	0	67	2	3	1	595	2
		represented only once)	No disability or impairment	24	80	2,403	87	140	84	19,674	86	73	91	3,271	87	198	86	25,212	86
		once)	Prefer not to respond	2	7	78	3	2	1	709	3	1	1	107	3	5	2	881	3
			Total	30	100	2,773	100	167	100	22,961	100	80	100	3,760	100	231	100	29,277	100
38.	Which of the following	sexorient14	Heterosexual			659	84	42	93	7,923	84			865	84	95	86	9,929	86
	•		Gay			13	2	0	0	3 7,923 84 865 84 95 0 113 1 21 2 3	3	202	2						
	sexual orientation?		Lesbian			5	1	0	0	105	1			14	1	2	2	137	1
	(Question administered per		Bisexual			28	4	0	0	400	4			33	3	2	2	360	3
			Another sexual orientation			10	1	0	0	180	2			16	2	4	4	145	1
	institution request)		Questioning or unsure			15	2	0	0	177	2			15	1	2	2	116	1
			I prefer not to respond			53	7	3	7	493	5			63	6	2	2	661	6
			Total			783	100	45	100	9,391	100			1,027	100	110	100	11,550	100



Respondent Profile: Education

Education					First-Y	ear	Students	a		Seniors ^a											
				NSSE 2015 &													NSSE 2015 & 2016				
			Tennessee 7	Гесһ	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee T	ech	Carnegie Cla	ss 1	ΓHEC Peer G	iroup	2016				
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count				
titution-reported info		nesponse options	Count	/0	Count	/0	Count	/0	Count		Count	/0	Count	/0	Count	/0	Count				
iables provided by your inst		SE population file.)																			
Institution-reported sex	IRsex	Female	24	80	2,152	77	123	72	17,616	76	62	78	2,832	75	165	71	21,973	7			
		Male	6	20	659	23	47	28	5,598	24	18	23	967	25	67	29	7,619	2			
		Total	30	100	2,811	100	170	100	23,214	100	80	100	3,799	100	232	100	29,592	10			
Institution-reported	IRrace	American Indian or Alaska Native	0	0	9	0	0	0	120	1	0	0	14	0	2	1	183				
race or ethnicity		Asian	0	0	120	5	1	1	683	3	1	1	127	4	6	3	772				
		Black or African American	2	7	261	10	45	26	1,647	8	0	0	291	8	34	15	1,648				
		Hispanic or Latino	0	0	475	18	3	2	2,272	11	0	0	523	15	6	3	2,470				
		Native Hawaiian/Other Pac. Islander	0	0	5	0	0	0	59	0	0	0	7	0	0	0	72				
		White	27	90	1,491	57	107	63	14,823	69	78	98	2,240	63	176	76	20,133	7			
		Other	0	0	0	0	0	0	7	0	0	0	0	0	0	0	1				
		Foreign or nonresident alien	0	0	48	2	5	3	531	2	0	0	52	1	2	1	475				
		Two or more races/ethnicities	1	3	126	5	4	2	813	4	1	1	131	4	1	0	751				
		Unknown	0	0	96	4	5	3	652	3	0	0	189	5	5	2	1,046				
		Total	30	100	2,631	100	170	100	21,607	100	80	100	3,574	100	232	100	27,551	10			
Institution-reported	IRclass	Freshman/First-Year	30	100	2,811	100	170	100	23,219	100	0	0	0	0	0	0	0				
class level		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Senior	0	0	0	0	0	0	0	0	80	100	3,799	100	232	100	29,593	10			
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Total	30	100	2,811	100	170	100	23,219	100	80	100	3,799	100	232	100	29,593	10			
Institution-reported	IRftfy	No	5	17	516	18	29	17	2,724	12	80	100	3,799	100	232	100	29,321	ç			
first-time first-year (FTFY) status		Yes	25	83	2,295	82	141	83	20,495	88	0	0	0	0	0	0	272				
		Total	30	100	2,811	100	170	100	23,219	100	80	100	3,799	100	232	100	29,593	10			
Institution-reported	IRenrollment	Not full-time	1	3	112	4	6	4	701	3	4	5	516	14	36	16	3,704	1			
enrollment status		Full-time	29	97	2,699	96	164	96	22,518	97	76	95	3,283	86	196	84	25,889	8			
		Total	30	100	2,811	100	170	100	23,219	100	80	100	3,799	100	232	100	29,593	10			



Endnotes: Education

Tennessee Technological University

Endnotes

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

Key to symbols:

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

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

Reference: Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.