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# NSSE 2019

## Frequencies and Statistical Comparisons

Temple University

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# NSSE 2019 Frequencies and Statistical Comparisons

## About This Report

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


1. **Class level:** As reported by your institution.
2. **Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.

5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [nsse.indiana.edu/links/weights](http://nsse.indiana.edu/links/weights)

6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.



### NSSE Frequencies and Statistical Comparisons

NSSEville State University

		Seniors ← 1										Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>					
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort	NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE Cohort						
Item wording or description	Variable name <sup>c</sup>	Values <sup>e</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>f</sup>	Mean	Effect size <sup>f</sup>	Mean	Effect size <sup>f</sup>					
<b>6. During the current school year, about how often have you done the following?</b>																							
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43					
		2	Sometimes	155	20	4,397	27	845	29	75,222	33												
		3	Often	412	33	5,947	37	1,086	38	81,724	35												
		4	Very often	280	46	5,440	34	889	31	66,983	29												
			Total	630	100	16,028	100	2,874	100	230,881	100												
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05					
		2	Sometimes	267	42	5,959	37	978	34	79,495	34												
		3	Often	164	26	4,548	29	83	1	7,348	29												
		4	Very often	113	19	7,972	20	62	21	47,208	21												
			Total	626	100	15,888	100	2,858	100	229,541	100												
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06					
		2	Sometimes	56	9	1,666	11	262	10	28,134	13												
		3	Often	384	63	9,147	57	1,586	57	128,802	56												
		4	Very often	150	24	4,267	27	851	29	58,873	26												
			Total	615	100	15,858	100	2,833	100	228,352	100												

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

8. **Key to symbols:**

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

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



# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	39	3	1,693	5	227	5	323	3	<b>2.8</b>	2.7 *** △	.14	2.7 *** △	.12	2.8	.00
		2	Sometimes	548	36	15,698	40	1,749	38	4,090	35							
		3	Often	528	35	13,806	34	1,518	34	4,439	37							
		4	Very often	385	26	8,827	21	1,047	22	3,189	25							
		Total		1,500	100	40,024	100	4,541	100	12,041	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	228	15	7,999	21	914	21	1,994	18	<b>2.5</b>	2.4 *** △	.15	2.4 *** △	.13	2.4 *	.06
		2	Sometimes	547	37	14,545	37	1,577	36	4,215	36							
		3	Often	441	30	10,937	27	1,270	27	3,514	28							
		4	Very often	270	18	6,323	15	763	16	2,282	17							
		Total		1,486	100	39,804	100	4,524	100	12,005	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	83	6	2,455	6	237	5	649	6	<b>2.9</b>	2.9	.03	3.0	-.02	3.0 *	-.06
		2	Often	218	15	6,288	16	710	16	1,664	14							
		3	Sometimes	869	58	22,601	56	2,572	56	6,773	56							
		4	Never	323	21	8,444	21	1,009	23	2,901	25							
		Total		1,493	100	39,788	100	4,528	100	11,987	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	571	39	14,919	40	1,626	37	4,087	37	<b>2.0</b>	1.9 * △	.06	1.9	.02	2.0	-.01
		2	Sometimes	539	36	15,603	39	1,828	40	4,692	39							
		3	Often	221	14	5,962	14	676	14	2,031	16							
		4	Very often	151	10	3,197	8	372	8	1,143	9							
		Total		1,482	100	39,681	100	4,502	100	11,953	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	130	9	2,507	7	294	7	822	7	<b>2.6</b>	2.7 *** ▽	-.16	2.7 *** ▽	-.14	2.7 **	-.08
		2	Sometimes	578	40	13,332	35	1,532	35	4,495	38							
		3	Often	525	35	15,050	37	1,705	37	4,336	36							
		4	Very often	251	17	8,741	21	968	21	2,278	18							
		Total		1,484	100	39,630	100	4,499	100	11,931	100							
f. Explained course material to one or more students	CLexplain	1	Never	50	3	1,297	4	166	4	433	4	<b>2.7</b>	2.8 ** ▽	-.09	2.8	-.04	2.8	-.03
		2	Sometimes	553	37	12,985	33	1,540	35	4,232	35							
		3	Often	603	40	16,698	42	1,821	40	4,922	42							
		4	Very often	272	19	8,568	22	960	21	2,312	19							
		Total		1,478	100	39,548	100	4,487	100	11,899	100							

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	190	13	4,440	12	538	13	1,361	12	<b>2.6</b>	2.7 *	-0.06	2.6	-0.03	2.6	-0.03
		2	Sometimes	500	34	12,611	32	1,413	32	4,027	34							
		3	Often	510	35	13,102	33	1,524	33	3,912	33							
		4	Very often	277	19	9,180	23	986	21	2,518	21							
		Total		1,477	100	39,333	100	4,461	100	11,818	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	53	4	2,370	7	334	8	678	6	<b>2.8</b>	2.7 **	.07	2.6 ***	.15	2.7 *	.06
		2	Sometimes	517	35	13,872	36	1,691	38	4,182	35							
		3	Often	605	42	14,727	37	1,603	36	4,533	39							
		4	Very often	289	20	8,178	20	816	18	2,362	20							
		Total		1,464	100	39,147	100	4,444	100	11,755	100							
i. Given a course presentation	present	1	Never	221	15	8,430	22	1,165	26	1,849	16	<b>2.3</b>	2.2 ***	.13	2.1 ***	.26	2.3	-0.01
		2	Sometimes	716	49	17,602	45	1,997	46	5,309	46							
		3	Often	355	25	9,080	23	905	20	3,151	26							
		4	Very often	174	12	3,964	10	367	8	1,420	12							
		Total		1,466	100	39,076	100	4,434	100	11,729	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	82	6	2,942	8	381	9	826	7	<b>2.7</b>	2.6 ***	.15	2.5 ***	.20	2.6 ***	.12
		2	Sometimes	505	35	15,159	40	1,796	41	4,490	39							
		3	Often	590	41	14,721	37	1,582	36	4,514	39							
		4	Very often	269	18	5,765	15	619	14	1,778	15							
		Total		1,446	100	38,587	100	4,378	100	11,608	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	72	5	3,427	10	417	11	898	9	<b>2.8</b>	2.5 ***	.30	2.6 ***	.30	2.6 ***	.23
		2	Sometimes	414	30	14,880	40	1,636	38	4,219	37							
		3	Often	624	43	13,935	35	1,598	36	4,378	37							
		4	Very often	327	22	6,071	15	691	15	2,045	17							
		Total		1,437	100	38,313	100	4,342	100	11,540	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	59	5	3,895	12	427	11	995	10	<b>2.9</b>	2.5 ***	.39	2.6 ***	.34	2.6 ***	.30
		2	Sometimes	384	28	14,288	38	1,584	37	4,072	37							
		3	Often	598	41	13,333	34	1,555	35	4,159	35							
		4	Very often	389	26	6,458	16	742	17	2,209	18							
		Total		1,430	100	37,974	100	4,308	100	11,435	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	50	3	1,653	5	200	5	499	5	<b>2.9</b>	2.8 ***	.17	2.8 ***	.15	2.8 ***	.17	
		2	Sometimes	379	27	12,000	33	1,299	31	3,537	32								
		3	Often	670	47	17,104	44	1,992	46	5,220	46								
		4	Very often	331	23	6,839	18	796	18	2,069	18								
		Total		1,430	100	37,596	100	4,287	100	11,325	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	27	2	953	3	95	2	246	3	<b>3.0</b>	2.9 ***	.13	2.9 *	.07	2.9 ***	.12	
		2	Sometimes	324	23	9,796	27	1,055	25	2,940	27								
		3	Often	664	47	17,435	46	1,994	47	5,339	47								
		4	Very often	397	28	8,918	24	1,087	25	2,664	23								
		Total		1,412	100	37,102	100	4,231	100	11,189	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	24	2	923	3	111	3	255	3	<b>3.0</b>	2.8 ***	.20	2.8 ***	.19	2.9 ***	.18	
		2	Sometimes	320	24	11,034	31	1,203	30	3,151	30								
		3	Often	665	48	16,877	45	1,956	46	5,154	46								
		4	Very often	384	27	7,846	21	901	21	2,463	21								
		Total		1,393	100	36,680	100	4,171	100	11,023	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	16	1	381	1	59	2	96	1	<b>3.1</b>	3.0 ***	.12	3.0 ***	.12	3.0 **	.09	
		2	Sometimes	228	17	7,351	21	851	22	2,124	21								
		3	Often	708	51	18,584	50	2,098	50	5,533	50								
		4	Very often	437	31	9,972	27	1,125	27	3,165	28								
		Total		1,389	100	36,288	100	4,133	100	10,918	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	251	19	6,680	19	896	22	2,182	20	<b>2.4</b>	2.3 *	.07	2.3 ***	.10	2.3 **	.08	
		2	Sometimes	564	41	15,949	44	1,710	42	4,782	44								
		3	Often	372	26	9,007	24	982	24	2,598	24								
		4	Very often	202	14	4,681	12	539	13	1,369	12								
		Total		1,389	100	36,317	100	4,127	100	10,931	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	654	46	16,674	47	1,908	47	5,035	46	<b>1.8</b>	1.8	.03	1.8	.02	1.8	.01	
		2	Sometimes	424	31	11,819	33	1,318	32	3,546	33								
		3	Often	208	15	5,233	14	612	15	1,575	15								
		4	Very often	95	7	2,408	7	277	7	712	7								
		Total		1,381	100	36,134	100	4,115	100	10,868	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your first-year students compared with								
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class		Peer A		Peer NSQ			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	429	30	11,005	32	1,336	34	3,003	28	<b>2.1</b>	2.0 *	.07	2.0 *	.07	2.1	.00		
		2	Sometimes	553	41	15,864	44	1,666	41	4,834	45								△	△
		3	Often	286	21	6,411	18	752	18	2,142	20									
		4	Very often	107	8	2,542	7	318	8	800	7									
		Total		1,375	100	35,822	100	4,072	100	10,779	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	307	22	9,094	26	1,054	26	2,438	22	<b>2.2</b>	2.1 ***	.14	2.1 ***	.12	2.2 *	.06		
		2	Sometimes	617	46	16,645	46	1,809	45	5,025	47								△	△
		3	Often	307	22	7,320	20	843	20	2,407	22									
		4	Very often	135	10	2,706	7	362	9	878	8									
		Total		1,366	100	35,765	100	4,068	100	10,748	100									
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																				
a. Memorizing course material	memorize	1	Very little	28	2	1,081	3	102	3	403	4	<b>3.0</b>	3.0	.03	3.0 **	-.08	2.9 *	.06		
		2	Some	335	25	8,666	25	874	22	2,685	25								△	
		3	Quite a bit	635	46	16,388	46	1,764	44	4,883	46								▽	
		4	Very much	367	27	9,452	26	1,307	31	2,719	25								△	
		Total		1,365	100	35,587	100	4,047	100	10,690	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	2	1,003	3	153	4	352	4	<b>3.1</b>	3.0 ***	.11	2.9 ***	.16	2.9 ***	.14		
		2	Some	288	22	8,081	24	998	26	2,452	24								△	
		3	Quite a bit	633	46	16,920	47	1,802	44	5,075	48								△	
		4	Very much	409	30	9,439	26	1,082	26	2,748	25								△	
		Total		1,354	100	35,443	100	4,035	100	10,627	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	29	2	1,166	4	145	4	331	4	<b>3.1</b>	2.9 ***	.17	2.9 ***	.18	2.9 ***	.15		
		2	Some	268	21	9,000	26	1,008	26	2,616	25								△	
		3	Quite a bit	634	47	15,967	45	1,776	44	4,748	45								△	
		4	Very much	415	30	9,061	25	1,076	26	2,853	26								△	
		Total		1,346	100	35,194	100	4,005	100	10,548	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	31	2	1,550	5	183	6	411	5	<b>3.0</b>	2.8 ***	.25	2.9 ***	.23	2.9 ***	.18		
		2	Some	276	22	9,576	28	1,047	27	2,587	26								△	
		3	Quite a bit	614	45	15,640	44	1,755	43	4,754	45								△	
		4	Very much	418	31	8,263	23	996	24	2,743	25								△	
		Total		1,339	100	35,029	100	3,981	100	10,495	100									

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class		Peer A		Peer NSQ		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	27	2	1,486	5	180	5	371	4	<b>3.0</b>	2.8 *** △	.21	2.9 *** △	.20	2.9 *** △	.16	
		2	Some	297	23	9,549	28	1,055	28	2,720	27								
		3	Quite a bit	623	46	15,727	45	1,772	44	4,699	45								
		4	Very much	390	29	8,139	22	958	23	2,676	24								
		Total		1,337	100	34,901	100	3,965	100	10,466	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	19	2	599	2	92	3	184	2	<b>3.1</b>	3.0	.03	3.0	.02	3.0	.03	
		2	Some	273	21	7,238	22	792	21	2,160	22								
		3	Quite a bit	622	47	16,617	47	1,827	47	4,903	47								
		4	Very much	415	30	10,233	29	1,231	30	3,142	29								
		Total		1,329	100	34,687	100	3,942	100	10,389	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	31	2	1,029	3	131	3	307	3	<b>3.0</b>	3.0	.02	3.0	.04	3.0	.02	
		2	Some	305	23	7,715	23	905	24	2,357	23								
		3	Quite a bit	632	47	16,608	47	1,835	46	4,856	46								
		4	Very much	363	27	9,273	27	1,064	27	2,847	27								
		Total		1,331	100	34,625	100	3,935	100	10,367	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	31	2	1,007	3	125	3	296	3	<b>3.0</b>	3.0	.03	3.0	.05	3.0	.02	
		2	Some	284	22	7,695	23	893	23	2,308	22								
		3	Quite a bit	612	47	15,650	45	1,734	45	4,603	45								
		4	Very much	394	29	10,183	29	1,163	29	3,134	30								
		Total		1,321	100	34,535	100	3,915	100	10,341	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	75	6	2,948	9	387	11	634	7	<b>2.9</b>	2.7 *** △	.19	2.7 *** △	.20	2.8 * △	.07	
		2	Some	364	28	10,941	32	1,215	32	2,858	29								
		3	Quite a bit	518	39	12,896	36	1,400	35	4,156	39								
		4	Very much	364	27	7,715	22	914	23	2,684	25								
		Total		1,321	100	34,500	100	3,916	100	10,332	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	101	7	3,380	10	433	11	870	9	<b>2.7</b>	2.6 *** △	.14	2.6 *** △	.13	2.7 ** △	.09	
		2	Some	418	32	12,235	36	1,304	34	3,520	34								
		3	Quite a bit	512	39	12,694	36	1,417	36	3,946	38								
		4	Very much	277	21	6,069	18	751	19	1,960	19								
		Total		1,308	100	34,378	100	3,905	100	10,296	100								

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



# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	125	9	3,332	9	406	10	1,294	12	<b>2.6</b>	2.6	.01	2.6	.01	2.6 **	.08
		2	Sometimes	485	37	12,323	36	1,357	35	3,683	35							
		3	Often	456	35	13,047	38	1,438	37	3,715	38							
		4	Very often	227	18	5,351	16	658	17	1,490	15							
		Total		1,293	100	34,053	100	3,859	100	10,182	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	246	18	6,807	20	781	21	2,278	22	<b>2.4</b>	2.3 ***	.10	2.3 **	.09	2.3 ***	.14
		2	Sometimes	470	37	13,474	40	1,499	39	4,009	39							
		3	Often	403	31	9,762	29	1,109	29	2,831	29							
		4	Very often	169	14	3,831	12	464	12	1,018	11							
		Total		1,288	100	33,874	100	3,853	100	10,136	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	202	15	5,512	16	671	18	1,975	19	<b>2.5</b>	2.4 ***	.12	2.3 ***	.13	2.3 ***	.17
		2	Sometimes	502	39	14,208	42	1,564	41	4,157	41							
		3	Often	422	33	10,592	31	1,168	31	3,017	31							
		4	Very often	164	14	3,451	10	417	11	941	10							
		Total		1,290	100	33,763	100	3,820	100	10,090	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	43	3	1,993	6	282	7	441	5	<b>6.3</b>	6.4	-.02	5.6 ***	.13	6.9 ***	-.11
		1.5	1-2	201	16	6,722	20	837	22	1,716	17							
		4	3-5	524	41	11,195	33	1,361	36	3,367	34							
		8	6-10	324	24	7,582	22	801	21	2,445	24							
		13	11-15	118	9	3,429	10	340	9	1,168	11							
		18	16-20	45	3	1,368	4	97	3	486	5							
		23	More than 20	33	3	1,433	4	108	3	475	5							
Total		1,288	100	33,722	100	3,826	100	10,098	100									
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	276	21	11,560	36	1,591	41	2,926	30	<b>2.7</b>	2.3 ***	.11	2.0 ***	.23	2.6	.03
		1.5	1-2	554	43	12,509	36	1,361	36	3,781	37							
		4	3-5	322	25	6,143	18	576	15	2,132	20							
		8	6-10	99	8	2,250	7	186	5	853	8							
		13	11-15	22	2	819	2	71	2	252	3							
		18	16-20	3	0	177	1	18	1	70	1							
		23	More than 20	7	1	168	1	13	0	51	0							
Total		1,283	100	33,626	100	3,816	100	10,065	100									

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	1,012	79	25,421	75	3,057	79	7,239	72	<b>.9</b>	.9	-.03	.8	.03	1.0	-.05	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	177	13	5,601	17	490	14	1,943	19								
		4	3-5	47	4	1,273	4	132	3	452	5								
		8	6-10	21	2	629	2	61	2	207	2								
		13	11-15	15	1	493	2	53	1	150	2								
		18	16-20	4	0	93	0	15	0	30	0								
		23	More than 20	6	1	141	0	11	0	42	0								
		Total			1,282	100	33,651	100	3,819	100	10,063	100							
Estimated number of assigned pages of student writing.	wrpages											<b>52.9</b>	51.2	.02	44.1 ***	.14	56.1	-.05	
																			△
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	23	2	999	3	108	3	336	4	<b>3.3</b>	3.1 ***	.24	3.2 ***	.18	3.1 ***	.24	
			2	Sometimes	180	14	7,477	23	815	22	2,174								23
			3	Often	413	33	11,130	33	1,183	31	3,225								32
			4	Very often	672	50	13,986	41	1,713	44	4,318								41
				Total	1,288	100	33,592	100	3,819	100	10,053								100
b. People from an economic background other than your own	DDeconomic	1	Never	23	2	1,045	4	123	3	327	4	<b>3.2</b>	3.1 ***	.17	3.1 ***	.15	3.1 ***	.17	
			2	Sometimes	232	18	7,183	22	859	22	2,139								22
			3	Often	421	34	12,461	37	1,315	35	3,623								36
			4	Very often	608	46	12,855	38	1,513	39	3,943								38
				Total	1,284	100	33,544	100	3,810	100	10,032								100
c. People with religious beliefs other than your own	DDreligion	1	Never	38	3	1,414	5	190	5	464	5	<b>3.2</b>	3.0 ***	.18	3.1 ***	.16	3.0 ***	.19	
			2	Sometimes	231	18	7,946	24	883	23	2,376								24
			3	Often	423	34	11,311	33	1,219	32	3,343								34
			4	Very often	593	45	12,878	38	1,521	39	3,846								37
				Total	1,285	100	33,549	100	3,813	100	10,029								100
d. People with political views other than your own	DDpolitical	1	Never	76	6	1,771	5	220	6	776	7	<b>3.0</b>	3.0	.02	3.0	.01	2.9 ***	.12	
			2	Sometimes	379	28	9,572	28	1,086	28	3,265								31
			3	Often	361	29	10,905	32	1,151	30	3,020								31
			4	Very often	469	37	11,295	34	1,351	36	2,965								31
				Total	1,285	100	33,543	100	3,808	100	10,026								100

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	15	1	622	2	57	2	142	2	<b>3.1</b>	3.0 ***	.18	3.0 ***	.12	3.0 ***	.12	
		2	Sometimes	226	19	7,616	24	828	23	2,023	22								
		3	Often	607	48	16,145	48	1,828	48	4,874	49								
		4	Very often	430	32	8,966	26	1,077	27	2,936	27								
		Total		1,278	100	33,349	100	3,790	100	9,975	100								
b. Reviewed your notes after class	LSnotes	1	Never	50	4	1,580	5	160	4	450	5	<b>2.9</b>	2.9 *	.06	2.9	.01	2.9	.03	
		2	Sometimes	365	30	10,267	32	1,102	31	2,974	31								
		3	Often	479	38	11,967	36	1,371	36	3,570	36								
		4	Very often	389	29	9,505	27	1,154	29	2,979	29								
		Total		1,283	100	33,319	100	3,787	100	9,973	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	73	6	2,073	7	227	6	554	6	<b>2.8</b>	2.8 ***	.10	2.8	.04	2.8	.05	
		2	Sometimes	349	28	10,597	32	1,131	31	2,999	31								
		3	Often	519	41	12,910	39	1,461	39	3,996	41								
		4	Very often	336	25	7,711	22	971	25	2,399	23								
		Total		1,277	100	33,291	100	3,790	100	9,948	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	14	1	291	1	42	1	104	1	<b>5.3</b>	5.4 **	-.08	5.3	-.05	5.3	-.04	
		2		10	1	319	1	47	1	113	1								
		3		70	6	1,492	5	204	6	441	5								
		4		177	14	3,812	12	443	12	1,192	13								
		5		445	35	11,697	35	1,259	34	3,585	36								
		6		301	23	8,714	26	925	24	2,549	25								
		7	Very much	256	19	6,791	20	848	21	1,928	19								
		Total		1,273	100	33,116	100	3,768	100	9,912	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	107	8	3,158	10	384	11	756	9	<b>8%</b>	8%	-.01	9%	-.03	9%	-.03	
			Do not plan to do	36	3	1,411	5	186	5	389	4								
			Plan to do	1,032	80	25,767	77	2,851	75	7,871	78								
			Done or in progress	98	8	2,741	8	343	9	878	9								
			Total	1,273	100	33,077	100	3,764	100	9,894	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your first-year students compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	276	21	7,540	23	851	24	2,426	25	<b>9%</b>	13% *** ▽	-0.13	12% *** ▽	-0.11	12% ** ▽	-0.10
			Do not plan to do	193	16	6,037	19	677	19	1,627	18							
			Plan to do	694	54	15,144	44	1,731	45	4,647	46							
			Done or in progress	109	9	4,277	13	489	12	1,168	12							
			Total	1,272	100	32,998	100	3,748	100	9,868	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	333	26	9,485	29	1,058	27	3,004	30	<b>12%</b>	15% *** ▽	-0.10	18% *** ▽	-0.17	17% *** ▽	-0.14
			Do not plan to do	326	26	9,708	30	971	27	2,557	26							
			Plan to do	458	36	8,801	26	1,118	28	2,727	27							
			Done or in progress	143	12	4,906	15	591	18	1,535	17							
			Total	1,260	100	32,900	100	3,738	100	9,823	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	247	19	8,024	25	899	25	2,286	24	<b>4%</b>	4%	.04	3% * △	.06	4%	.03
			Do not plan to do	253	22	7,081	24	978	28	2,049	23							
			Plan to do	717	55	16,645	48	1,732	44	5,128	49							
			Done or in progress	51	4	1,158	4	128	3	372	4							
			Total	1,268	100	32,908	100	3,737	100	9,835	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	433	34	11,053	34	1,281	35	3,477	36	<b>4%</b>	5% ** ▽	-0.09	5%	-0.06	4%	-0.04
			Do not plan to do	265	20	7,113	21	926	24	1,981	20							
			Plan to do	530	42	12,928	39	1,354	36	3,945	39							
			Done or in progress	41	4	1,805	5	177	5	428	4							
			Total	1,269	100	32,899	100	3,738	100	9,831	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	368	30	10,094	32	1,162	31	3,094	31	<b>2%</b>	2%	.03	2%	.02	2%	.02
			Do not plan to do	104	8	3,463	11	431	12	932	10							
			Plan to do	765	60	18,718	55	2,068	55	5,581	57							
			Done or in progress	25	2	594	2	74	2	197	2							
			Total	1,262	100	32,869	100	3,735	100	9,804	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	700	54	17,672	53	1,925	52	5,240	52	<b>1.6</b>	1.6	.01	1.6	.00	1.6	-0.01
			2 Some	454	37	12,634	39	1,524	40	3,801	40							
			3 Most	101	8	1,956	6	216	6	587	6							
			4 All	12	1	487	2	55	2	135	2							
			Total	1,267	100	32,749	100	3,720	100	9,763	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	Q1student	1	Poor	17	2	442	1	61	2	132	1	<b>5.5</b>	5.4	.03	5.4 *	.07	5.4	.05	
		2		25	2	580	2	86	2	192	2								
		3		51	4	1,509	5	221	6	453	5								
		4		151	12	3,894	12	489	13	1,226	12								
		5		335	27	9,236	28	953	26	2,823	29								
		6		366	29	8,952	27	959	26	2,626	27								
		7	Excellent	312	24	7,970	24	944	25	2,279	23								
		—	Not applicable	6	1	133	0	15	0	34	0								
			Total	1,263	100	32,716	100	3,728	100	9,765	100								
b. Academic advisors	Q1advisor	1	Poor	39	3	846	3	154	4	348	4	<b>5.1</b>	5.3 ***	-.10	5.1	.01	5.2	-.01	
		2		59	5	1,238	4	183	5	472	5								
		3		92	8	2,299	7	351	9	785	8								
		4		195	16	4,456	14	529	14	1,428	14								
		5		263	21	6,876	21	728	20	2,114	21								
		6		277	21	7,051	22	713	19	1,991	20								
		7	Excellent	314	25	9,481	29	1,002	28	2,488	27								
		—	Not applicable	24	2	425	1	60	2	129	1								
			Total	1,263	100	32,672	100	3,720	100	9,755	100								
c. Faculty	Q1faculty	1	Poor	14	1	445	2	83	2	154	2	<b>5.3</b>	5.3	-.01	5.2 *	.07	5.2	.02	
		2		34	3	783	2	121	3	242	2								
		3		72	6	1,828	6	271	7	607	6								
		4		176	14	4,742	14	547	15	1,438	14								
		5		381	30	9,399	28	966	26	2,871	29								
		6		352	27	8,926	27	957	25	2,654	27								
		7	Excellent	227	18	6,256	19	741	20	1,738	18								
		—	Not applicable	7	1	291	1	34	1	55	1								
			Total	1,263	100	32,670	100	3,720	100	9,759	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Peer A		Peer NSQ		Temple		Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	46	4	920	3	145	4	372	4	<b>4.9</b>	5.1 *** ▽	-0.12	5.0	-0.03	5.0	-0.03	
		2		42	3	1,163	4	175	5	443	4								
		3		104	8	2,211	7	290	7	761	7								
		4		202	16	4,812	15	564	15	1,533	16								
		5		325	26	7,639	23	807	22	2,298	23								
		6		255	19	7,099	21	738	19	2,074	21								
		7	Excellent	197	16	6,430	20	704	19	1,643	18								
		—	Not applicable	94	8	2,390	8	301	9	631	7								
	Total	1,265	100	32,664	100	3,724	100	9,755	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	60	5	1,024	3	167	4	507	5	<b>4.7</b>	5.0 *** ▽	-0.16	4.9 *** ▽	-0.11	4.8	-0.05	
		2		61	5	1,298	4	164	4	481	5								
		3		109	9	2,455	7	312	8	872	8								
		4		215	17	5,160	16	622	16	1,599	16								
		5		284	22	7,512	23	786	22	2,206	23								
		6		224	18	6,454	19	746	20	1,771	18								
		7	Excellent	161	13	5,651	18	661	18	1,503	16								
		—	Not applicable	149	11	3,100	10	261	7	817	8								
	Total	1,263	100	32,654	100	3,719	100	9,756	100										
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	12	1	482	2	58	2	153	2	<b>3.0</b>	3.1 *** ▽	-0.15	3.1 *** ▽	-0.11	3.0 *	-0.07	
		2	Some	295	24	5,853	18	696	19	1,975	21								
		3	Quite a bit	636	50	15,884	49	1,855	50	4,685	49								
		4	Very much	320	24	10,301	31	1,106	29	2,897	28								
			Total	1,263	100	32,520	100	3,715	100	9,710	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	40	3	879	3	117	3	339	4	<b>3.0</b>	3.0 ** ▽	-0.09	3.0	-0.04	3.0	-0.02	
		2	Some	296	24	6,668	21	834	23	2,228	23								
		3	Quite a bit	562	45	14,550	44	1,606	44	4,301	44								
		4	Very much	358	28	10,336	32	1,144	30	2,810	29								
	Total	1,256	100	32,433	100	3,701	100	9,678	100										
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	70	6	1,398	4	185	5	497	5	<b>3.0</b>	3.1 *** ▽	-0.10	3.1 * ▽	-0.08	3.0	-0.03	
		2	Some	241	20	5,889	19	703	19	1,895	20								
		3	Quite a bit	515	42	13,107	40	1,426	39	3,936	41								
		4	Very much	428	33	12,025	37	1,381	37	3,355	34								
			Total	1,254	100	32,419	100	3,695	100	9,683	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	66	5	3,018	10	365	10	932	10	<b>3.0</b>	2.8 ***	.26	2.8 ***	.22	2.8 ***	.26
		2	Some	269	22	8,986	28	973	26	2,689	28							
		3	Quite a bit	484	39	11,687	36	1,319	36	3,449	36							
		4	Very much	435	34	8,674	26	1,039	28	2,588	26							
		Total		1,254	100	32,365	100	3,696	100	9,658	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	49	4	1,458	5	153	4	437	5	<b>3.1</b>	3.0 ***	.10	3.0 *	.07	3.0 ***	.10
		2	Some	225	18	7,078	22	770	21	2,154	22							
		3	Quite a bit	549	44	13,535	42	1,541	42	4,088	43							
		4	Very much	424	33	10,274	31	1,221	32	2,972	30							
		Total		1,247	100	32,345	100	3,685	100	9,651	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	67	5	1,785	6	179	5	733	7	<b>3.0</b>	3.0	-.01	3.0	-.05	2.9 ***	.10
		2	Some	282	23	7,243	23	776	21	2,495	25							
		3	Quite a bit	513	42	12,969	40	1,500	41	3,776	40							
		4	Very much	388	30	10,301	32	1,217	32	2,623	27							
		Total		1,250	100	32,298	100	3,672	100	9,627	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	253	20	6,887	22	768	21	2,281	23	<b>2.4</b>	2.3 **	.09	2.3	.06	2.3 ***	.12
		2	Some	433	35	12,352	38	1,350	37	3,647	38							
		3	Quite a bit	370	30	8,722	27	1,021	27	2,519	27							
		4	Very much	192	15	4,277	13	533	14	1,177	12							
		Total		1,248	100	32,238	100	3,672	100	9,624	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	78	6	2,097	7	245	6	660	7	<b>2.9</b>	2.9	.01	2.9	.01	2.9	.05
		2	Some	297	24	8,179	26	946	26	2,631	27							
		3	Quite a bit	523	42	12,999	40	1,453	40	3,873	40							
		4	Very much	347	27	8,972	28	1,034	28	2,445	26							
		Total		1,245	100	32,247	100	3,678	100	9,609	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	157	13	4,389	15	440	12	1,179	13	<b>2.6</b>	2.5 **	.09	2.6	-.03	2.6	-.01
		2	Some	410	34	11,850	37	1,252	35	3,256	34							
		3	Quite a bit	456	36	10,686	33	1,242	34	3,439	36							
		4	Very much	223	17	5,305	16	729	20	1,742	18							
		Total		1,246	100	32,230	100	3,663	100	9,616	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup> Response options		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	0	115	0	15	0	41	1	<b>14.2</b>	15.4 *** ▽	-0.15	15.0 *** ▽	-0.10	15.1 *** ▽	-0.11	
		3	1-5 hrs	136	11	2,982	10	401	11	911	10								
		8	6-10 hrs	318	26	6,653	21	786	22	1,977	21								
		13	11-15 hrs	316	25	7,405	23	843	23	2,231	24								
		18	16-20 hrs	231	19	6,730	21	733	20	1,959	20								
		23	21-25 hrs	123	10	4,151	12	445	12	1,276	12								
		28	26-30 hrs	54	4	2,047	6	197	5	576	6								
		33	More than 30 hrs	66	5	2,015	6	242	6	611	6								
	Total			1,246	100	32,098	100	3,662	100	9,582	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmocurrhrs <i>(Recorded version of tmocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	363	29	7,911	26	987	28	2,161	24	<b>5.3</b>	6.2 *** ▽	-0.13	6.1 *** ▽	-0.12	6.5 *** ▽	-0.17	
		3	1-5 hrs	442	35	11,166	34	1,203	33	3,502	35								
		8	6-10 hrs	241	20	6,259	19	701	19	1,848	19								
		13	11-15 hrs	103	9	3,321	10	384	10	1,012	11								
		18	16-20 hrs	62	5	1,780	6	212	6	542	6								
		23	21-25 hrs	18	1	935	3	87	2	300	3								
		28	26-30 hrs	7	1	270	1	30	1	92	1								
		33	More than 30 hrs	4	0	393	1	47	1	116	1								
	Total			1,240	100	32,035	100	3,651	100	9,573	100								
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1,030	82	24,904	79	3,022	82	7,290	77	<b>2.1</b>	2.7 *** ▽	-0.09	2.2	-0.01	2.5 * ▽	-0.07	
		3	1-5 hrs	35	3	1,042	3	101	3	452	5								
		8	6-10 hrs	70	6	2,258	6	186	5	879	8								
		13	11-15 hrs	58	5	1,896	6	160	5	492	5								
		18	16-20 hrs	30	2	1,203	4	123	3	281	3								
		23	21-25 hrs	12	1	510	2	43	1	113	1								
		28	26-30 hrs	6	1	102	0	12	0	16	0								
		33	More than 30 hrs	3	0	155	1	10	0	41	0								
	Total			1,244	100	32,070	100	3,657	100	9,564	100								

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



# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	853	68	23,946	74	2,465	67	7,274	75	<b>4.4</b>	3.9 *	.07	5.3 ***	-.10	3.6 ***	.11	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	70	5	1,406	4	170	4	438	4								
		8	6-10 hrs	92	7	1,588	5	214	6	468	5								
		13	11-15 hrs	88	8	1,578	5	229	6	458	5								
		18	16-20 hrs	73	6	1,525	5	223	6	446	5								
		23	21-25 hrs	30	3	1,016	3	162	5	241	3								
		28	26-30 hrs	17	1	458	2	90	2	91	1								
		33	More than 30 hrs	23	2	551	2	105	3	161	2								
	Total			1,246	100	32,068	100	3,658	100	9,577	100								
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									<b>6.6</b>	6.5	.00	7.5 **	-.09	6.1	.05	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	768	62	17,974	57	1,930	54	5,673	60	<b>2.5</b>	2.5	.00	2.9 *	-.07	2.5	.01	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	323	25	10,233	31	1,223	32	2,783	28								
		8	6-10 hrs	71	6	1,951	6	253	7	517	5								
		13	11-15 hrs	45	4	912	3	106	3	274	3								
		18	16-20 hrs	23	2	503	2	76	2	162	2								
		23	21-25 hrs	12	1	310	1	41	1	100	1								
		28	26-30 hrs	3	0	67	0	12	0	23	0								
		33	More than 30 hrs	4	0	107	0	20	1	43	0								
	Total			1,249	100	32,057	100	3,661	100	9,575	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	13	1	421	1	61	2	131	1	<b>14.0</b>	13.2 **	.09	12.8 ***	.15	13.4 *	.07	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	179	13	5,426	17	701	19	1,556	16								
		8	6-10 hrs	346	27	8,661	26	967	26	2,501	26								
		13	11-15 hrs	291	24	7,212	22	820	22	2,167	22								
		18	16-20 hrs	175	14	5,113	16	523	15	1,586	17								
		23	21-25 hrs	103	8	2,273	7	265	7	702	8								
		28	26-30 hrs	38	3	937	3	119	3	292	3								
		33	More than 30 hrs	102	9	2,018	7	204	6	637	7								
	Total			1,247	100	32,061	100	3,660	100	9,572	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your first-year students compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	1,010	80	26,527	82	2,753	75	7,900	82	<b>1.9</b>	1.8	.01	2.4 **	-.09	1.8	.01
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	109	9	2,488	8	407	11	741	8							
	8	6-10 hrs	44	4	1,049	3	189	5	326	4								
	13	11-15 hrs	37	3	749	2	130	4	219	2								
	18	16-20 hrs	21	2	513	2	67	2	146	2								
	23	21-25 hrs	7	1	298	1	38	1	96	1								
	28	26-30 hrs	5	0	72	0	14	0	24	0								
	33	More than 30 hrs	11	1	293	1	49	2	85	1								
	Total			1,244	100	31,989	100	3,647	100	9,537	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	677	54	11,733	36	1,469	38	4,776	49	<b>3.9</b>	4.3 *	-.07	4.6 ***	-.11	3.5 *	.07
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	289	23	12,761	39	1,150	34	2,987	32							
	8	6-10 hrs	129	11	4,154	14	555	15	919	10								
	13	11-15 hrs	80	7	1,692	5	251	7	427	5								
	18	16-20 hrs	35	3	772	2	112	3	226	2								
	23	21-25 hrs	10	1	410	1	38	1	118	1								
	28	26-30 hrs	5	0	155	1	22	1	36	0								
	33	More than 30 hrs	23	2	382	1	55	2	75	1								
	Total			1,248	100	32,059	100	3,652	100	9,564	100							
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																		
reading	1	Very little	99	8	4,803	16	499	14	1,084	13	<b>2.9</b>	2.6 ***	.32	2.6 ***	.26	2.7 ***	.18	
	2	Some	381	32	11,792	37	1,307	36	3,228	35								
	3	About half	387	30	8,512	26	1,034	28	2,720	28								
	4	Most	273	21	5,101	15	615	17	1,830	18								
	5	Almost all	105	8	1,792	5	185	5	687	6								
		Total			1,245	100	32,000	100	3,640	100								9,549
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)										<b>6.7</b>	6.3 **	.08	6.4	.05	6.7	.00	

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	tmreadinghrscol	1	0 hrs	2	0	113	0	15	0	40	1							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	576	47	16,337	53	1,869	53	4,429	50							
		3	More than 5, up to 10 hrs	444	36	9,577	29	1,076	29	2,973	30							
		4	More than 10, up to 15 hrs	116	9	3,110	9	330	9	1,068	10							
		5	More than 15, up to 20 hrs	52	4	1,477	4	176	5	509	5							
		6	More than 20, up to 25 hrs	33	3	907	3	119	3	354	3							
		7	More than 25 hrs	15	1	326	1	41	1	122	1							
		Total		1,238	100	31,847	100	3,626	100	9,495	100							
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																		
a. Writing clearly and effectively	pgwrite	1	Very little	65	5	2,770	10	316	10	547	7	<b>2.8</b>	2.7 ***	.15	2.7 ***	.11	2.8	.02
		2	Some	351	29	9,628	31	1,035	29	2,551	27							
		3	Quite a bit	544	44	13,183	40	1,491	41	4,246	44							
		4	Very much	278	22	6,292	19	801	21	2,168	22							
		Total		1,238	100	31,873	100	3,643	100	9,512	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	127	11	4,069	14	491	14	1,017	11	<b>2.7</b>	2.6 ***	.09	2.6 ***	.11	2.7	.02
		2	Some	393	32	10,525	33	1,199	33	3,016	32							
		3	Quite a bit	457	37	11,521	36	1,289	35	3,613	38							
		4	Very much	259	20	5,759	18	663	18	1,862	19							
		Total		1,236	100	31,874	100	3,642	100	9,508	100							
c. Thinking critically and analytically	pgthink	1	Very little	32	3	945	3	118	4	277	3	<b>3.1</b>	3.1	.05	3.0 **	.09	3.0	.05
		2	Some	227	19	6,283	20	783	22	1,836	20							
		3	Quite a bit	550	45	14,420	44	1,551	42	4,345	45							
		4	Very much	430	34	10,249	32	1,187	32	3,047	31							
		Total		1,239	100	31,897	100	3,639	100	9,505	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	140	11	3,662	11	404	11	1,439	14	<b>2.7</b>	2.7	-.01	2.7	-.02	2.6 ***	.11
		2	Some	362	29	9,553	30	1,052	29	3,024	31							
		3	Quite a bit	480	40	11,590	36	1,298	36	3,210	34							
		4	Very much	259	21	7,072	23	877	24	1,840	20							
		Total		1,241	100	31,877	100	3,631	100	9,513	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	144	11	4,224	14	524	15	1,206	13	<b>2.7</b>	2.6 **	.08	2.6 **	.09	2.6	.05	
		2	Some	381	31	10,499	33	1,177	33	3,162	33								
		3	Quite a bit	461	38	11,009	34	1,189	32	3,259	35								
		4	Very much	255	20	6,154	19	745	20	1,896	20								
		Total		1,241	100	31,886	100	3,635	100	9,523	100								
f. Working effectively with others	pgothers	1	Very little	63	5	2,076	7	299	9	620	7	<b>2.9</b>	2.8 ***	.09	2.8 ***	.14	2.8 **	.08	
		2	Some	320	26	8,934	28	1,059	30	2,672	28								
		3	Quite a bit	528	43	13,174	41	1,370	37	3,895	41								
		4	Very much	322	26	7,670	24	900	24	2,327	24								
		Total		1,233	100	31,854	100	3,628	100	9,514	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	107	9	3,855	13	424	13	1,004	11	<b>2.8</b>	2.6 ***	.13	2.6 ***	.13	2.7 ***	.10	
		2	Some	345	28	9,488	30	1,101	31	2,898	31								
		3	Quite a bit	497	41	11,802	36	1,279	35	3,595	38								
		4	Very much	286	22	6,703	21	822	21	2,004	20								
		Total		1,235	100	31,848	100	3,626	100	9,501	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	43	4	2,788	10	334	10	750	9	<b>3.0</b>	2.8 ***	.29	2.8 ***	.26	2.8 ***	.26	
		2	Some	262	22	8,856	28	997	27	2,617	28								
		3	Quite a bit	510	41	12,098	37	1,273	35	3,652	38								
		4	Very much	420	33	8,106	25	1,024	27	2,493	25								
		Total		1,235	100	31,848	100	3,628	100	9,512	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	103	8	3,382	12	423	12	967	10	<b>2.7</b>	2.6 ***	.11	2.6 ***	.11	2.7 **	.09	
		2	Some	377	31	10,523	33	1,187	33	3,161	33								
		3	Quite a bit	485	39	11,608	36	1,249	34	3,492	37								
		4	Very much	273	22	6,338	20	768	21	1,888	20								
		Total		1,238	100	31,851	100	3,627	100	9,508	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	101	8	3,663	13	420	13	1,004	11	<b>2.8</b>	2.6 ***	.19	2.7 ***	.16	2.7 ***	.15	
		2	Some	338	28	10,206	32	1,125	31	2,973	31								
		3	Quite a bit	472	38	11,464	35	1,280	35	3,516	37								
		4	Very much	324	25	6,557	20	811	22	2,019	20								
		Total		1,235	100	31,890	100	3,636	100	9,512	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	15	1	546	2	76	2	177	2	<b>3.2</b>	3.2	-.01	3.1 **	.09	3.2	.05	
		2	Fair	146	12	3,799	12	520	15	1,257	13								
		3	Good	653	53	16,003	49	1,819	51	4,899	52								
		4	Excellent	431	34	11,667	36	1,238	32	3,215	33								
		Total		1,245	100	32,015	100	3,653	100	9,548	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	33	2	1,012	3	145	4	347	4	<b>3.3</b>	3.2	.03	3.2 ***	.12	3.2 ***	.11	
		2	Probably no	126	10	3,646	11	503	14	1,276	13								
		3	Probably yes	561	45	13,531	42	1,554	43	4,203	44								
		4	Definitely yes	535	42	13,931	43	1,463	39	3,762	39								
		Total		1,255	100	32,120	100	3,665	100	9,588	100								
<b>20. Do you intend to return to this institution next year?<sup>f</sup></b>																			
	returnexp		No	34	3	1,157	4	141	4	368	4	<b>93%</b>	90% ***	.11	89% ***	.15	88% ***	.17	
			Yes	1,169	93	29,156	90	3,285	89	8,540	88								
			Not sure	52	4	1,880	6	246	7	699	8								
			Total	1,255	100	32,193	100	3,672	100	9,607	100								
			(Means indicate the percentage who responded "Yes.")																

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>							
<b>1. During the current school year, about how often have you done the following?</b>																									
a. Asked questions or contributed to course discussions in other ways	askquest	1 2 3 4	Never Sometimes Often Very often	34 521 688 734	2 26 35 37	1,713 15,451 15,615 17,029	4 31 31 34	198 1,594 1,674 1,832	4 32 32 32	241 2,943 3,489 4,207	2 28 32 37	<b>3.1</b>	2.9 *** △	.13	2.9 *** △	.15	3.0	.02							
Total				1,977	100	49,808	100	5,298	100	10,880	100														
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	438 762 469 303	23 39 24 15	12,034 18,167 11,920 7,419	25 36 24 15	1,207 1,922 1,277 858	24 37 24 16	2,767 4,156 2,472 1,427	26 39 23 13								<b>2.3</b>	2.3	.01	2.3	-.01	2.2 ** △	.07
Total				1,972	100	49,540	100	5,264	100	10,822	100														
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	183 346 1,115 320	10 18 56 16	3,948 8,849 26,475 10,268	8 18 53 21	446 941 2,824 1,048	9 18 53 20	840 1,912 5,942 2,105	8 18 54 20														
Total				1,964	100	49,540	100	5,259	100	10,799	100														
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	789 751 239 193	40 38 12 9	21,136 18,847 6,088 3,384	43 38 12 7	2,222 2,026 643 364	44 38 12 6	4,080 4,213 1,500 998	40 38 13 9	<b>1.9</b>	1.8 *** △	.09	1.8 *** △	.11	1.9	.00							
Total				1,972	100	49,455	100	5,255	100	10,791	100														
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	220 835 616 293	11 43 31 15	5,711 19,315 15,631 8,758	12 40 31 17	566 2,145 1,608 926	11 40 30 18	1,034 4,553 3,422 1,752	11 42 31 16								<b>2.5</b>	2.5	-.04	2.5 * ▽	-.05	2.5	-.04
Total				1,964	100	49,415	100	5,245	100	10,761	100														
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	63 695 791 412	3 35 40 21	2,578 15,889 19,431 11,459	5 33 39 23	230 1,753 2,043 1,207	5 34 38 23	357 3,587 4,419 2,397	3 33 41 23														
Total				1,961	100	49,357	100	5,233	100	10,760	100														

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	279	14	7,479	16	750	15	1,387	14	<b>2.5</b>	2.6	-.02	2.6	-.03	2.6	-.03
		2	Sometimes	711	35	16,268	34	1,731	34	3,770	35							
		3	Often	598	31	14,607	29	1,602	30	3,422	31							
		4	Very often	371	19	10,770	22	1,117	21	2,139	20							
		Total		1,959	100	49,124	100	5,200	100	10,718	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	89	5	3,211	7	308	6	375	4	<b>2.9</b>	2.9 *	.05	2.9 **	.07	2.9	.00
		2	Sometimes	520	26	13,003	27	1,464	29	2,928	28							
		3	Often	753	38	17,624	36	1,872	36	4,105	38							
		4	Very often	588	31	15,161	31	1,548	29	3,276	30							
		Total		1,950	100	48,999	100	5,192	100	10,684	100							
i. Given a course presentation	present	1	Never	125	6	5,369	11	636	13	573	6	<b>2.9</b>	2.7 ***	.24	2.6 ***	.29	2.9 *	.05
		2	Sometimes	550	29	16,299	34	1,749	35	3,106	30							
		3	Often	670	34	15,671	32	1,579	30	3,906	36							
		4	Very often	602	31	11,639	23	1,225	22	3,083	28							
		Total		1,947	100	48,978	100	5,189	100	10,668	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	55	3	1,732	4	194	4	294	3	<b>3.0</b>	2.9 ***	.08	2.9 ***	.11	2.9 **	.06
		2	Sometimes	481	25	12,943	27	1,387	28	2,854	27							
		3	Often	817	42	20,534	42	2,210	43	4,434	42							
		4	Very often	580	30	13,372	27	1,358	26	2,988	28							
		Total		1,933	100	48,581	100	5,149	100	10,570	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	116	7	3,873	9	434	10	676	8	<b>2.8</b>	2.7 ***	.14	2.7 ***	.15	2.8 **	.07
		2	Sometimes	563	30	15,809	34	1,664	33	3,248	32							
		3	Often	717	36	17,392	35	1,856	35	3,896	36							
		4	Very often	533	27	11,306	22	1,179	22	2,716	24							
		Total		1,929	100	48,380	100	5,133	100	10,536	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	178	10	6,895	16	747	17	1,125	13	<b>2.7</b>	2.5 ***	.24	2.5 ***	.24	2.6 ***	.15
		2	Sometimes	566	30	16,942	36	1,786	35	3,614	35							
		3	Often	665	34	14,676	30	1,521	29	3,424	32							
		4	Very often	510	26	9,544	19	1,035	20	2,298	21							
		Total		1,919	100	48,057	100	5,089	100	10,461	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	84	5	2,457	6	259	6	512	6	<b>2.9</b>	2.8 ***	.10	2.8 ***	.11	2.8 ***	.10	
		2	Sometimes	526	28	14,444	30	1,516	31	3,089	30								
		3	Often	825	43	20,919	43	2,215	43	4,601	43								
		4	Very often	473	25	9,929	21	1,054	21	2,189	21								
		Total		1,908	100	47,749	100	5,044	100	10,391	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	57	4	1,438	4	152	4	277	3	<b>3.0</b>	2.9 **	.07	2.9 **	.08	3.0 **	.07	
		2	Sometimes	421	23	11,517	25	1,236	25	2,486	25								
		3	Often	833	43	21,713	45	2,261	45	4,741	45								
		4	Very often	578	30	12,630	27	1,360	27	2,782	27								
		Total		1,889	100	47,298	100	5,009	100	10,286	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	37	2	1,022	3	93	2	196	2	<b>3.0</b>	2.9	.03	2.9	.03	2.9	.02	
		2	Sometimes	469	25	12,461	27	1,340	27	2,650	27								
		3	Often	868	46	21,200	45	2,221	44	4,612	44								
		4	Very often	501	26	12,126	26	1,316	26	2,718	26								
		Total		1,875	100	46,809	100	4,970	100	10,176	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	20	1	503	1	45	1	95	1	<b>3.2</b>	3.2 *	.05	3.1 ***	.09	3.2	.05	
		2	Sometimes	270	15	7,411	17	838	18	1,547	16								
		3	Often	866	47	22,140	47	2,356	48	4,840	47								
		4	Very often	705	37	16,411	35	1,683	33	3,630	35								
		Total		1,861	100	46,465	100	4,922	100	10,112	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	276	15	7,960	19	874	19	1,304	14	<b>2.5</b>	2.4 **	.06	2.4 **	.07	2.5 **	-.07	
		2	Sometimes	779	42	18,614	40	1,960	40	4,013	40								
		3	Often	462	24	11,462	24	1,204	24	2,697	26								
		4	Very often	348	18	8,425	17	895	17	2,089	20								
		Total		1,865	100	46,461	100	4,933	100	10,103	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	754	40	18,448	41	2,068	43	3,557	35	<b>2.0</b>	2.0	.00	1.9	.03	2.1 ***	-.11	
		2	Sometimes	585	32	14,645	31	1,526	30	3,330	33								
		3	Often	318	17	7,823	16	784	16	1,856	19								
		4	Very often	193	11	5,369	11	538	11	1,320	13								
		Total		1,850	100	46,285	100	4,916	100	10,063	100								

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



# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	388	21	12,136	27	1,376	29	2,058	21	<b>2.2</b>	2.1 ***	.12	2.1 ***	.12	2.3	-.03
		2	Sometimes	830	45	19,570	42	1,928	39	4,347	43							
		3	Often	419	23	9,558	20	1,027	21	2,364	24							
		4	Very often	209	11	4,742	10	542	11	1,226	12							
		Total		1,846	100	46,006	100	4,873	100	9,995	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	380	21	11,430	26	1,229	26	2,005	20	<b>2.2</b>	2.1 ***	.13	2.1 ***	.11	2.3	-.01
		2	Sometimes	826	45	20,733	45	2,090	43	4,465	45							
		3	Often	431	24	9,505	20	1,032	21	2,390	23							
		4	Very often	197	11	4,323	9	521	10	1,136	11							
		Total		1,834	100	45,991	100	4,872	100	9,996	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	159	9	3,223	7	309	6	735	7	<b>2.8</b>	2.8	-.05	2.9 ***	-.12	2.8	-.04
		2	Some	561	31	13,624	30	1,340	27	2,975	30							
		3	Quite a bit	679	37	18,336	40	2,003	41	3,945	40							
		4	Very much	430	23	10,613	23	1,212	25	2,294	23							
		Total		1,829	100	45,796	100	4,864	100	9,949	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	64	4	1,310	3	148	3	296	3	<b>3.1</b>	3.1	-.01	3.0	.02	3.0	.02
		2	Some	351	19	9,081	20	988	21	1,998	20							
		3	Quite a bit	837	46	20,619	45	2,186	45	4,558	46							
		4	Very much	568	31	14,652	32	1,519	31	3,072	30							
		Total		1,820	100	45,662	100	4,841	100	9,924	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	64	4	1,622	4	179	4	361	4	<b>3.1</b>	3.0 **	.07	3.0 ***	.11	3.0 ***	.09
		2	Some	348	19	10,299	23	1,131	24	2,245	23							
		3	Quite a bit	809	45	19,470	43	2,032	42	4,214	43							
		4	Very much	591	33	13,958	31	1,477	30	3,025	30							
		Total		1,812	100	45,349	100	4,819	100	9,845	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	75	4	3,025	7	294	7	560	7	<b>3.0</b>	2.8 ***	.20	2.8 ***	.19	2.9 ***	.17
		2	Some	372	21	12,004	27	1,258	26	2,463	26							
		3	Quite a bit	789	44	18,450	40	1,962	40	4,177	42							
		4	Very much	569	31	11,687	25	1,284	26	2,606	26							
		Total		1,805	100	45,166	100	4,798	100	9,806	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	57	3	2,255	5	219	5	457	5	<b>3.0</b>	2.9 ***	.12	2.9 ***	.10	2.9 ***	.11	
		2	Some	435	25	11,748	27	1,213	26	2,442	26								
		3	Quite a bit	770	43	19,433	42	2,058	43	4,370	44								
		4	Very much	533	30	11,548	26	1,289	26	2,507	25								
		Total		1,795	100	44,984	100	4,779	100	9,776	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	39	2	944	2	112	3	187	2	<b>3.1</b>	3.1	-.01	3.1	.00	3.1	.01	
		2	Some	335	19	8,148	18	832	19	1,801	19								
		3	Quite a bit	816	46	20,606	45	2,109	44	4,490	46								
		4	Very much	601	33	15,001	34	1,675	34	3,253	33								
		Total		1,791	100	44,699	100	4,728	100	9,731	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	51	3	1,528	4	168	4	292	4	<b>3.0</b>	3.0	-.01	3.0	.00	3.0	.00	
		2	Some	400	22	8,931	20	976	21	2,017	21								
		3	Quite a bit	787	44	20,631	46	2,067	44	4,503	46								
		4	Very much	547	30	13,545	31	1,512	31	2,900	30								
		Total		1,785	100	44,635	100	4,723	100	9,712	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	56	3	1,377	3	157	4	279	3	<b>3.1</b>	3.1	-.03	3.0	.01	3.1	-.03	
		2	Some	373	21	8,894	20	972	21	1,871	20								
		3	Quite a bit	758	43	19,120	42	1,993	42	4,207	43								
		4	Very much	589	33	15,182	34	1,586	33	3,334	34								
		Total		1,776	100	44,573	100	4,708	100	9,691	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	118	7	5,406	13	592	13	988	11	<b>2.9</b>	2.6 ***	.25	2.7 ***	.23	2.7 ***	.19	
		2	Some	491	28	14,377	33	1,396	31	3,049	32								
		3	Quite a bit	657	37	15,078	33	1,624	34	3,449	35								
		4	Very much	515	29	9,676	22	1,091	23	2,193	23								
		Total		1,781	100	44,537	100	4,703	100	9,679	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	113	6	4,002	10	458	10	754	8	<b>2.8</b>	2.7 ***	.15	2.7 ***	.13	2.7 ***	.12	
		2	Some	532	30	14,386	33	1,412	32	3,128	33								
		3	Quite a bit	683	39	16,882	37	1,735	36	3,751	38								
		4	Very much	441	25	9,108	21	1,092	22	2,007	21								
		Total		1,769	100	44,378	100	4,697	100	9,640	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	213	11	4,333	9	492	10	1,211	12	<b>2.6</b>	2.7 **	-0.07	2.7	-0.04	2.6	.01
		2	Sometimes	592	33	14,622	33	1,551	33	3,235	33							
		3	Often	629	37	16,173	37	1,677	37	3,349	36							
		4	Very often	315	19	8,908	21	947	20	1,759	19							
		Total		1,749	100	44,036	100	4,667	100	9,554	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	316	18	7,974	18	909	20	1,895	19	<b>2.5</b>	2.4	.03	2.4	.05	2.4 **	.07
		2	Sometimes	630	36	16,108	36	1,668	36	3,529	37							
		3	Often	533	31	12,930	29	1,316	28	2,710	29							
		4	Very often	266	16	6,825	16	753	16	1,368	15							
		Total		1,745	100	43,837	100	4,646	100	9,502	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	274	15	6,470	15	744	16	1,593	16	<b>2.5</b>	2.5	.03	2.4 **	.07	2.4 *	.07
		2	Sometimes	623	35	16,571	38	1,784	38	3,537	37							
		3	Often	597	35	14,291	33	1,449	31	3,066	33							
		4	Very often	251	15	6,361	15	659	14	1,295	14							
		Total		1,745	100	43,693	100	4,636	100	9,491	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	79	5	3,010	7	339	8	495	5	<b>8.4</b>	7.2 ***	.19	6.6 ***	.30	7.6 ***	.12
		1.5	1-2	240	14	8,281	19	991	22	1,539	16							
		4	3-5	487	28	12,626	29	1,430	31	2,837	30							
		8	6-10	431	24	9,308	21	900	20	2,223	23							
		13	11-15	214	12	4,674	10	466	10	1,072	11							
		18	16-20	120	7	2,359	5	202	4	556	6							
		23	More than 20	171	10	3,308	8	288	6	748	8							
Total		1,742	100	43,566	100	4,616	100	9,470	100									
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	338	19	11,087	27	1,334	29	1,924	21	<b>3.8</b>	3.3 ***	.12	3.0 ***	.19	3.6 *	.05
		1.5	1-2	580	34	14,850	34	1,573	34	3,259	35							
		4	3-5	486	28	10,045	23	997	22	2,525	26							
		8	6-10	214	12	4,682	11	471	10	1,099	11							
		13	11-15	62	4	1,609	4	132	3	379	4							
		18	16-20	32	2	531	1	43	1	126	1							
		23	More than 20	25	2	621	1	60	1	131	1							
Total		1,737	100	43,425	100	4,610	100	9,443	100									

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with							
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	775	45	21,154	49	2,315	50	3,918	41	<b>2.0</b>	1.9	.02	1.8 *	.06	2.0	.00	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	629	36	14,432	33	1,493	33	3,698	40								
		4	3-5	202	12	4,503	10	472	10	1,153	12								
		8	6-10	73	4	1,771	4	170	4	364	4								
		13	11-15	36	2	885	2	83	2	161	2								
		18	16-20	11	1	279	1	23	0	66	1								
		23	More than 20	16	1	498	1	50	1	93	1								
		Total			1,742	100	43,522	100	4,606	100	9,453	100							
Estimated number of assigned pages of student writing.	wrpages											<b>85.6</b>	75.9 ***	.10	70.0 ***	.17	80.7 *	.05	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	44	3	1,706	4	173	4	325	4	<b>3.3</b>	3.1 ***	.20	3.2 ***	.12	3.1 ***	.20	
		2	Sometimes	246	15	9,306	21	896	19	1,980	21								
		3	Often	539	31	13,637	31	1,365	30	3,026	32								
		4	Very often	908	51	18,847	44	2,186	47	4,118	43								
			Total	1,737	100	43,496	100	4,620	100	9,449	100								
b. People from an economic background other than your own	DDeconomic	1	Never	50	3	1,560	4	192	4	289	3	<b>3.2</b>	3.1 ***	.11	3.1 ***	.09	3.1 ***	.11	
		2	Sometimes	308	18	9,082	21	978	21	2,028	21								
		3	Often	597	35	15,613	35	1,465	32	3,372	36								
		4	Very often	779	44	17,173	40	1,975	42	3,740	39								
			Total	1,734	100	43,428	100	4,610	100	9,429	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	70	4	2,059	5	232	5	398	4	<b>3.1</b>	3.1 ***	.09	3.1	.04	3.0 ***	.11	
		2	Sometimes	350	21	9,835	23	976	21	2,268	24								
		3	Often	559	32	14,545	33	1,439	31	3,224	34								
		4	Very often	757	43	16,995	39	1,965	42	3,546	37								
			Total	1,736	100	43,434	100	4,612	100	9,436	100								
d. People with political views other than your own	DDpolitical	1	Never	101	6	2,497	6	287	7	683	7	<b>2.9</b>	3.0 **	-.08	3.0 **	-.07	2.8 *	.05	
		2	Sometimes	587	34	12,118	28	1,284	28	3,240	33								
		3	Often	472	27	13,736	31	1,362	30	2,757	30								
		4	Very often	575	33	15,072	35	1,673	36	2,762	30								
			Total	1,735	100	43,423	100	4,606	100	9,442	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class						Your seniors compared with								
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	46	3	1,218	3	121	3	228	3	<b>3.1</b>	3.0 *	.06	3.0	.05	3.0	.05
		2	Sometimes	313	19	9,134	22	912	20	1,883	21							
		3	Often	783	45	18,938	43	2,058	45	4,245	45							
		4	Very often	586	33	13,923	32	1,490	31	3,035	31							
		Total		1,728	100	43,213	100	4,581	100	9,391	100							
b. Reviewed your notes after class	LSnotes	1	Never	134	8	3,560	8	291	6	829	9	<b>2.8</b>	2.8	.01	2.8 *	-.06	2.7	.05
		2	Sometimes	568	33	14,231	33	1,488	33	3,228	34							
		3	Often	581	34	14,126	33	1,542	34	2,952	32							
		4	Very often	438	25	11,270	26	1,262	27	2,371	25							
		Total		1,721	100	43,187	100	4,583	100	9,380	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	118	7	3,363	8	316	7	692	8	<b>2.8</b>	2.8	.02	2.8	-.04	2.7	.03
		2	Sometimes	523	30	13,873	32	1,386	30	2,990	32							
		3	Often	696	40	15,617	36	1,694	37	3,571	38							
		4	Very often	384	22	10,293	24	1,178	25	2,126	22							
		Total		1,721	100	43,146	100	4,574	100	9,379	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	23	1	477	1	71	2	89	1	<b>5.3</b>	5.4 ***	-.10	5.4 **	-.07	5.3	-.05
		2		32	2	696	2	92	2	155	2							
		3		118	7	2,098	5	248	6	481	5							
		4		234	14	4,903	12	526	12	1,094	12							
		5		531	31	13,485	31	1,325	29	3,134	33							
		6		387	22	10,952	25	1,134	25	2,405	25							
		7	Very much	387	22	10,296	24	1,154	25	1,978	21							
		Total		1,712	100	42,907	100	4,550	100	9,336	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		121	7	3,394	8	389	9	527	6	<b>59%</b>	53% ***	.11	49% ***	.20	64% ***	-.11
		Do not plan to do		200	12	6,342	15	634	14	1,088	13							
		Plan to do		370	22	9,789	23	1,203	28	1,555	17							
		Done or in progress		1,024	59	23,442	53	2,335	49	6,173	64							
		Total		1,715	100	42,967	100	4,561	100	9,343	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	199	12	3,883	10	475	11	715	8	<b>34%</b>	41% ***	-0.14	37%	-0.05	47% ***	-0.26
			Do not plan to do	748	44	17,269	41	1,845	41	3,475	38							
			Plan to do	158	10	3,446	8	492	12	597	7							
			Done or in progress	603	34	18,286	41	1,737	37	4,524	47							
			Total	1,708	100	42,884	100	4,549	100	9,311	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	227	13	4,834	12	564	12	966	10	<b>19%</b>	23% ***	-0.10	24% ***	-0.12	26% ***	-0.16
			Do not plan to do	952	56	23,688	56	2,334	51	5,159	56							
			Plan to do	188	12	3,877	9	539	12	739	8							
			Done or in progress	339	19	10,364	23	1,103	24	2,446	26							
			Total	1,706	100	42,763	100	4,540	100	9,310	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	156	9	3,932	10	506	11	688	8	<b>19%</b>	19%	.01	15% ***	.12	25% ***	-0.13
			Do not plan to do	1,082	64	27,017	64	2,881	65	5,614	62							
			Plan to do	123	7	2,964	7	386	9	468	5							
			Done or in progress	350	19	8,874	19	767	15	2,546	25							
			Total	1,711	100	42,787	100	4,540	100	9,316	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	266	16	5,476	14	710	16	965	11	<b>21%</b>	27% ***	-0.14	22%	-0.02	29% ***	-0.19
			Do not plan to do	851	49	20,511	47	2,204	47	4,858	50							
			Plan to do	238	15	5,222	13	661	15	923	11							
			Done or in progress	354	21	11,580	27	964	22	2,564	29							
			Total	1,709	100	42,789	100	4,539	100	9,310	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	119	7	3,299	9	490	11	665	7	<b>54%</b>	44% ***	.19	37% ***	.33	50% **	.08
			Do not plan to do	243	14	9,375	24	1,181	27	2,602	26							
			Plan to do	416	25	9,880	23	1,075	25	1,522	18							
			Done or in progress	925	54	20,165	44	1,785	37	4,500	50							
			Total	1,703	100	42,719	100	4,531	100	9,289	100							

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

servcourse	1	2	3	4	Total	Temple	Peers	Peer A	Peer NSQ	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
None	797	48	18,985	46	1,733	42	4,119	45	<b>1.7</b>	1.6	.01	1.7 **	-0.08	1.7	-0.01
Some	706	41	19,733	45	2,292	48	4,293	46							
Most	160	9	3,191	7	393	8	693	7							
All	34	2	762	2	111	2	168	2							
Total	1,697	100	42,671	100	4,529	100	9,273	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	23	1	519	1	72	2	103	1	<b>5.5</b>	5.5	-.02	5.4	.04	5.5	.04	
		2		43	3	679	2	95	2	150	2								
		3		64	4	1,741	4	225	5	392	4								
		4		194	11	4,497	11	552	12	1,043	12								
		5		438	25	11,140	26	1,144	25	2,715	29								
		6		456	26	11,880	27	1,151	25	2,646	28								
		7	Excellent	475	28	11,668	27	1,247	27	2,199	24								
		—	Not applicable	9	1	536	1	40	1	30	0								
			Total	1,702	100	42,660	100	4,526	100	9,278	100								
b. Academic advisors	QIadvisor	1	Poor	135	8	2,070	5	283	6	563	6	<b>4.6</b>	5.1 ***	-0.25	5.0 ***	-0.18	4.9 ***	-0.15	
		2		139	8	2,335	6	285	7	591	7								
		3		182	11	3,538	8	373	8	919	10								
		4		270	16	5,785	13	624	13	1,364	14								
		5		343	20	8,213	19	880	19	1,876	20								
		6		271	16	8,196	19	786	18	1,660	18								
		7	Excellent	351	21	12,157	29	1,254	27	2,267	25								
		—	Not applicable	10	1	349	1	38	1	36	0								
			Total	1,701	100	42,643	100	4,523	100	9,276	100								
c. Faculty	QIfaculty	1	Poor	31	2	634	2	90	2	123	2	<b>5.3</b>	5.4	-0.05	5.3	.00	5.3	-0.03	
		2		49	3	903	2	112	3	181	2								
		3		100	6	2,223	5	255	6	487	6								
		4		236	14	5,755	13	645	15	1,295	14								
		5		456	26	11,266	26	1,087	24	2,607	28								
		6		460	27	12,059	28	1,214	26	2,643	28								
		7	Excellent	360	22	9,476	23	1,077	23	1,915	21								
		—	Not applicable	9	0	298	1	32	1	18	0								
			Total	1,701	100	42,614	100	4,512	100	9,269	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with							
				Temple		Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	88	5	1,702	4	225	5	477	5	<b>4.6</b>	4.9 ***	-0.21	4.8 ***	-0.12	4.7 *	-0.07	
		2		106	6	1,821	4	253	6	543	6								
		3		176	10	3,142	7	357	8	910	10								
		4		309	18	6,354	15	677	15	1,641	17								
		5		338	20	8,673	20	870	19	1,980	21								
		6		243	14	7,614	17	687	15	1,585	17								
		7	Excellent	206	13	6,958	17	747	17	1,267	14								
		—	Not applicable	234	14	6,347	16	706	16	862	10								
	Total	1,700	100	42,611	100	4,522	100	9,265	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	133	8	2,027	5	243	6	564	6	<b>4.3</b>	4.8 ***	-0.28	4.7 ***	-0.24	4.6 ***	-0.16	
		2		150	8	2,186	5	259	6	602	7								
		3		216	13	3,802	9	421	9	1,022	11								
		4		326	19	7,034	16	769	17	1,638	17								
		5		312	18	9,324	21	908	20	2,064	22								
		6		230	14	7,875	18	807	18	1,605	18								
		7	Excellent	201	13	6,912	17	765	17	1,277	14								
		—	Not applicable	132	8	3,427	8	344	7	493	5								
	Total	1,700	100	42,587	100	4,516	100	9,265	100										
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	47	3	809	2	113	2	223	3	<b>3.0</b>	3.1 ***	-0.15	3.0 **	-0.09	3.0 *	-0.06	
		2	Some	409	25	8,048	19	919	20	1,889	22								
		3	Quite a bit	753	45	19,668	46	2,113	47	4,298	47								
		4	Very much	483	28	13,966	33	1,369	30	2,817	29								
			Total	1,692	100	42,491	100	4,514	100	9,227	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	101	6	2,212	6	248	6	580	7	<b>2.8</b>	2.9 **	-0.07	2.9	-0.05	2.8	.01	
		2	Some	499	29	11,099	26	1,179	27	2,636	28								
		3	Quite a bit	711	42	18,557	43	1,959	43	3,962	43								
		4	Very much	381	23	10,526	25	1,116	24	2,031	22								
			Total	1,692	100	42,394	100	4,502	100	9,209	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	161	10	3,723	9	394	9	847	10	<b>2.8</b>	2.8	.00	2.8	-0.02	2.7 *	.05	
		2	Some	448	26	11,515	27	1,176	27	2,705	29								
		3	Quite a bit	649	39	16,440	38	1,748	39	3,563	39								
		4	Very much	430	25	10,717	25	1,185	26	2,084	23								
			Total	1,688	100	42,395	100	4,503	100	9,199	100								

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



# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	188	11	6,569	16	680	15	1,426	16	<b>2.8</b>	2.6 ***	.17	2.7 ***	.11	2.6 ***	.19
		2	Some	491	29	13,300	31	1,277	28	2,913	32							
		3	Quite a bit	541	32	13,420	31	1,495	34	2,951	32							
		4	Very much	467	28	8,997	22	1,041	23	1,899	21							
		Total		1,687	100	42,286	100	4,493	100	9,189	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	92	6	3,327	8	342	8	650	7	<b>2.9</b>	2.8 *	.05	2.9	.00	2.9	.04
		2	Some	457	27	11,080	26	1,061	24	2,401	26							
		3	Quite a bit	680	40	16,790	39	1,773	40	3,786	41							
		4	Very much	460	27	11,073	27	1,311	28	2,349	26							
		Total		1,689	100	42,270	100	4,487	100	9,186	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	226	13	4,621	11	438	10	1,117	12	<b>2.6</b>	2.8 ***	-.12	2.8 ***	-.15	2.7 **	-.07
		2	Some	524	30	11,525	27	1,186	27	2,639	28							
		3	Quite a bit	586	35	15,715	37	1,690	38	3,409	38							
		4	Very much	349	21	10,333	25	1,166	25	2,015	22							
		Total		1,685	100	42,194	100	4,480	100	9,180	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	655	38	14,931	35	1,519	34	3,286	35	<b>2.0</b>	2.0	-.01	2.1 *	-.06	2.0	.01
		2	Some	559	33	15,326	36	1,577	35	3,387	37							
		3	Quite a bit	306	19	8,127	19	912	20	1,724	19							
		4	Very much	169	10	3,804	9	473	10	773	8							
		Total		1,689	100	42,188	100	4,481	100	9,170	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	189	11	5,334	13	524	12	1,066	12	<b>2.7</b>	2.7	-.02	2.7	-.05	2.6	.02
		2	Some	547	32	12,628	29	1,292	29	3,056	32							
		3	Quite a bit	595	35	14,974	35	1,638	37	3,341	36							
		4	Very much	352	21	9,190	23	1,024	23	1,699	19							
		Total		1,683	100	42,126	100	4,478	100	9,162	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	340	21	8,310	20	819	19	1,490	16	<b>2.3</b>	2.3	-.01	2.4 **	-.09	2.4 ***	-.12
		2	Some	673	39	16,540	39	1,643	36	3,452	37							
		3	Quite a bit	446	26	12,037	28	1,343	30	2,946	32							
		4	Very much	227	14	5,245	13	672	15	1,274	14							
		Total		1,686	100	42,132	100	4,477	100	9,162	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	9	1	164	0	20	0	32	0	<b>13.4</b>	15.2 ***	-0.19	14.3 ***	-0.10	14.6 ***	-0.13
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	296	18	5,409	13	671	15	1,235	14							
	8	6-10 hrs	445	27	9,472	23	1,115	25	2,092	23								
	13	11-15 hrs	335	20	8,567	20	912	20	1,952	21								
	18	16-20 hrs	244	14	7,685	18	725	16	1,652	18								
	23	21-25 hrs	147	9	4,603	11	458	10	957	10								
	28	26-30 hrs	104	6	2,573	6	244	5	534	6								
	33	More than 30 hrs	99	6	3,562	9	323	7	681	8								
	Total			1,679	100	42,035	100	4,468	100	9,135	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	616	37	14,241	35	1,632	37	2,509	29	<b>4.6</b>	5.6 ***	-0.13	5.2 ***	-0.09	6.3 ***	-0.23
	(Recoded version of tmcoccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	593	35	13,019	30	1,374	31	3,023	33							
	8	6-10 hrs	231	14	6,702	16	650	14	1,617	17								
	13	11-15 hrs	130	8	3,752	9	370	8	886	9								
	18	16-20 hrs	63	4	2,153	5	226	5	565	6								
	23	21-25 hrs	30	2	1,099	3	106	3	272	3								
	28	26-30 hrs	7	0	385	1	36	1	99	1								
	33	More than 30 hrs	12	1	609	2	59	1	154	2								
	Total			1,682	100	41,960	100	4,453	100	9,125	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,137	68	28,029	68	3,321	74	5,815	64	<b>4.3</b>	4.5	-0.03	3.5 ***	.10	4.3	-0.01
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	4	1,747	4	151	3	580	6							
	8	6-10 hrs	140	8	3,553	8	295	7	1,063	11								
	13	11-15 hrs	157	9	3,439	8	258	6	773	8								
	18	16-20 hrs	107	6	3,156	7	256	6	561	6								
	23	21-25 hrs	38	2	1,054	2	97	2	167	2								
	28	26-30 hrs	9	1	394	1	33	1	77	1								
	33	More than 30 hrs	19	1	616	2	47	1	82	1								
	Total			1,678	100	41,988	100	4,458	100	9,118	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons








## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	657	39	20,110	49	1,783	40	4,375	49	<b>11.3</b>	10.3 *** 	.09	12.6 *** 	-.10	9.0 *** 	.21
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	102	6	2,252	5	263	6	615	7							
		8	6-10 hrs	148	9	2,825	6	274	6	777	8							
		13	11-15 hrs	170	10	3,063	7	314	7	744	8							
		18	16-20 hrs	201	12	3,870	9	461	10	978	11							
		23	21-25 hrs	126	7	2,853	7	355	8	607	7							
		28	26-30 hrs	93	6	1,863	4	268	6	337	4							
		33	More than 30 hrs	186	11	5,172	13	740	17	696	8							
	Total			1,683	100	42,008	100	4,458	100	9,129	100							
Estimated number of hours working for pay	tmworkhrs											<b>15.5</b>	14.7 * 	.06	16.1	-.05	13.3 *** 	.18
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	915	55	20,780	51	2,074	49	4,630	52	<b>3.1</b>	3.0	.01	3.3	-.05	3.0	.02
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	509	30	14,707	34	1,609	34	3,087	33							
		8	6-10 hrs	111	6	3,347	8	381	8	722	8							
		13	11-15 hrs	70	4	1,416	3	169	4	340	4							
		18	16-20 hrs	29	2	820	2	114	3	170	2							
		23	21-25 hrs	22	1	409	1	46	1	90	1							
		28	26-30 hrs	11	1	161	0	21	0	31	0							
		33	More than 30 hrs	16	1	331	1	43	1	58	1							
	Total			1,683	100	41,971	100	4,457	100	9,128	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	44	3	998	3	133	3	134	2	<b>11.4</b>	11.7	-.04	10.9 * 	.06	12.2 *** 	-.10
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	412	24	9,642	23	1,185	27	1,845	21							
		8	6-10 hrs	480	29	11,860	28	1,215	27	2,568	27							
		13	11-15 hrs	337	20	8,440	20	849	18	1,990	21							
		18	16-20 hrs	201	12	5,521	13	544	12	1,347	15							
		23	21-25 hrs	84	5	2,355	6	232	5	570	6							
		28	26-30 hrs	57	4	1,026	3	105	2	226	2							
		33	More than 30 hrs	63	4	2,129	6	198	4	448	5							
	Total			1,678	100	41,971	100	4,461	100	9,128	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with										
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	1,202	71	31,049	73	2,880	64	7,171	78	<b>3.4</b>	4.1 *** ▽	-.07	5.3 *** ▽	-.20	2.7 *** △	.10				
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	214	13	3,637	9	529	12	794	9											
	8	6-10 hrs	80	5	1,698	4	254	6	368	4												
	13	11-15 hrs	46	3	1,091	3	172	4	225	3												
	18	16-20 hrs	33	2	914	2	129	3	145	2												
	23	21-25 hrs	20	1	548	1	82	2	91	1												
	28	26-30 hrs	9	1	287	1	45	1	34	0												
	33	More than 30 hrs	74	4	2,689	7	360	8	289	3												
	Total		1,678	100	41,913	100	4,451	100	9,117	100												
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	331	20	6,181	14	752	15	1,829	19	<b>5.7</b>	5.4 * △	.06	6.3 *** ▽	-.09	5.1 *** △	.10				
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	764	45	23,360	55	2,027	45	4,640	51											
	8	6-10 hrs	326	20	7,590	19	932	22	1,595	18												
	13	11-15 hrs	149	9	2,526	6	416	10	584	6												
	18	16-20 hrs	54	3	990	3	151	4	217	2												
	23	21-25 hrs	25	2	466	1	68	2	97	1												
	28	26-30 hrs	10	1	199	0	27	1	40	0												
	33	More than 30 hrs	25	2	666	2	93	2	129	2												
	Total		1,684	100	41,978	100	4,466	100	9,131	100												
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																						
reading	1	Very little	225	14	7,716	19	715	17	1,452	17	<b>2.8</b>	2.6 *** △	.10	2.7 ** △	.08	2.7	.04					
	2	Some	518	31	12,873	31	1,431	32	2,656	30												
	3	About half	479	28	10,117	24	1,165	26	2,304	25												
	4	Most	310	18	7,851	18	812	18	1,913	20												
	5	Almost all	146	8	3,380	8	329	7	798	8												
	Total		1,678	100	41,937	100	4,452	100	9,123	100												
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)															<b>6.2</b>	6.5 * ▽	-.05	6.2	-.01	6.5	-.05

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	9	1	161	0	20	0	32	0							
		2	More than zero, up to 5 hrs	887	54	21,614	53	2,369	54	4,552	53							
		3	More than 5, up to 10 hrs	471	28	11,764	28	1,204	27	2,614	28							
		4	More than 10, up to 15 hrs	152	9	3,925	9	405	9	921	9							
		5	More than 15, up to 20 hrs	78	5	2,224	5	238	5	514	5							
		6	More than 20, up to 25 hrs	43	3	1,452	3	155	3	308	3							
		7	More than 25 hrs	28	2	635	1	47	1	142	1							
		Total		1,668	100	41,775	100	4,438	100	9,083	100							

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

a. Writing clearly and effectively	pgwrite	1	Very little	84	5	2,647	7	291	7	443	6	<b>3.0</b>	2.9 ***	.13	2.9 ***	.13	3.0 *	.07
		2	Some	343	21	9,813	24	1,054	24	1,930	22							
		3	Quite a bit	631	38	16,396	39	1,662	38	3,734	41							
		4	Very much	621	36	12,909	31	1,437	31	2,964	32							
		Total		1,679	100	41,765	100	4,444	100	9,071	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	133	8	3,369	8	358	9	543	7	<b>3.0</b>	2.9 ***	.13	2.9 ***	.14	3.0	.04
		2	Some	319	19	10,553	25	1,126	26	1,977	22							
		3	Quite a bit	637	38	15,497	37	1,577	36	3,566	39							
		4	Very much	593	35	12,401	30	1,384	30	2,996	32							
		Total		1,682	100	41,820	100	4,445	100	9,082	100							
c. Thinking critically and analytically	pgthink	1	Very little	45	3	963	3	110	3	163	2	<b>3.3</b>	3.3	-.01	3.2	.04	3.3	-.01
		2	Some	204	12	5,298	13	616	14	1,160	13							
		3	Quite a bit	653	39	15,859	37	1,690	38	3,475	38							
		4	Very much	775	46	19,715	47	2,025	45	4,276	47							
		Total		1,677	100	41,835	100	4,441	100	9,074	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	181	10	3,556	8	389	8	1,010	11	<b>2.8</b>	3.0 ***	-.13	2.9 ***	-.12	2.8	-.01
		2	Some	459	26	10,095	23	1,044	23	2,467	26							
		3	Quite a bit	554	33	13,919	33	1,546	35	2,863	32							
		4	Very much	487	30	14,272	35	1,471	34	2,745	32							
		Total		1,681	100	41,842	100	4,450	100	9,085	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Peer A		Peer NSQ		Temple	Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	166	10	3,864	10	419	11	741	9	<b>2.9</b>	2.9	.01	2.8	.05	2.9	-.03
		2	Some	398	23	10,088	24	1,107	26	2,107	24							
		3	Quite a bit	561	33	13,998	33	1,485	33	3,043	33							
		4	Very much	558	33	13,869	33	1,432	31	3,195	34							
		Total		1,683	100	41,819	100	4,443	100	9,086	100							
f. Working effectively with others	pgothers	1	Very little	85	5	2,050	5	203	5	336	4	<b>3.0</b>	3.0	.01	3.0	.02	3.1	-.05
		2	Some	348	21	8,852	22	980	23	1,789	20							
		3	Quite a bit	654	38	16,050	38	1,699	38	3,569	39							
		4	Very much	593	35	14,887	35	1,570	34	3,373	36							
		Total		1,680	100	41,839	100	4,452	100	9,067	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	197	13	5,161	13	549	13	924	11	<b>2.8</b>	2.8 ***	.09	2.8 *	.06	2.8	.03
		2	Some	363	22	10,926	26	1,074	25	2,271	26							
		3	Quite a bit	594	35	14,074	33	1,520	34	3,171	34							
		4	Very much	525	31	11,633	28	1,298	28	2,704	29							
		Total		1,679	100	41,794	100	4,441	100	9,070	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	111	7	4,146	11	432	10	746	9	<b>3.1</b>	2.8 ***	.24	2.9 ***	.19	2.9 ***	.19
		2	Some	319	19	10,896	26	1,110	25	2,269	26							
		3	Quite a bit	587	35	14,331	34	1,480	33	3,254	35							
		4	Very much	662	39	12,406	30	1,424	32	2,791	30							
		Total		1,679	100	41,779	100	4,446	100	9,060	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	136	9	3,674	9	422	10	749	9	<b>2.9</b>	2.8	.04	2.8 *	.06	2.8	.05
		2	Some	446	27	11,412	27	1,196	27	2,459	27							
		3	Quite a bit	587	35	14,866	35	1,548	34	3,367	36							
		4	Very much	512	30	11,854	29	1,288	28	2,501	27							
		Total		1,681	100	41,806	100	4,454	100	9,076	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	182	11	5,633	14	628	15	979	12	<b>2.8</b>	2.7 ***	.15	2.7 ***	.14	2.7 **	.08
		2	Some	436	26	12,789	31	1,272	29	2,701	30							
		3	Quite a bit	570	33	13,237	31	1,461	33	3,007	32							
		4	Very much	494	29	10,182	24	1,091	24	2,399	26							
		Total		1,682	100	41,841	100	4,452	100	9,086	100							

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Temple University

### Seniors

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				Temple		Carnegie Class Peers		Peer A		Peer NSQ		Temple		Carnegie Class Peers		Peer A		Peer NSQ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	42	3	1,062	3	132	4	224	3	<b>3.2</b>	3.2 *	-.05	3.1 *	.06	3.2	-.01	
		2	Fair	226	13	4,985	12	618	15	1,117	13								
		3	Good	794	47	18,965	44	2,078	47	4,240	46								
		4	Excellent	626	37	17,001	40	1,645	35	3,548	38								
			Total	1,688	100	42,013	100	4,473	100	9,129	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	72	5	1,831	5	226	5	442	5	<b>3.2</b>	3.2	-.03	3.2	.05	3.2 *	.05	
		2	Probably no	215	13	4,993	12	612	14	1,264	14								
		3	Probably yes	681	41	16,555	39	1,795	40	3,755	41								
		4	Definitely yes	725	42	18,777	44	1,849	40	3,696	40								
			Total	1,693	100	42,156	100	4,482	100	9,157	100								

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

# NSSE 2019 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### Temple University

#### First-Year Students

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Temple	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ
1 a. askquest	1,499	2.84	2.73	2.74	2.84	.022	.003	.010	.007	.84	.85	.86	.84	1,569	2,241	17,718	.000	.000	.959	.14	.12	.00
b. drafts	1,482	2.50	2.35	2.37	2.44	.025	.004	.012	.008	.96	.98	.99	.98	66,719	8,315	17,641	.000	.000	.026	.15	.13	.06
c. unpreparedr	1,490	2.94	2.92	2.96	2.99	.020	.003	.009	.006	.77	.79	.78	.78	1,561	8,335	17,616	.273	.472	.031	.03	-.02	-.06
d. attendart	1,479	1.95	1.90	1.93	1.97	.025	.004	.011	.007	.97	.91	.92	.94	1,537	2,090	17,739	.028	.480	.621	.06	.02	-.01
e. CLaskhelp	1,482	2.59	2.73	2.71	2.66	.023	.003	.011	.007	.87	.87	.87	.86	66,364	8,275	17,528	.000	.000	.005	-.16	-.14	-.08
f. CLexplain	1,475	2.74	2.81	2.78	2.77	.021	.003	.010	.006	.80	.81	.82	.80	66,177	8,241	17,478	.001	.147	.346	-.09	-.04	-.03
g. CLstudy	1,473	2.60	2.65	2.62	2.63	.024	.004	.012	.007	.93	.96	.96	.94	1,545	2,218	17,343	.017	.288	.243	-.06	-.03	-.03
h. CLproject	1,463	2.77	2.71	2.65	2.72	.021	.003	.011	.007	.80	.86	.86	.85	1,541	2,271	1,782	.006	.000	.028	.07	.15	.06
i. present	1,464	2.33	2.21	2.10	2.33	.023	.004	.011	.007	.87	.90	.88	.89	65,264	2,172	17,187	.000	.000	.820	.13	.26	-.01
2 a. RIntegrate	1,445	2.71	2.59	2.54	2.61	.022	.003	.010	.007	.83	.84	.84	.82	1,513	2,148	16,980	.000	.000	.000	.15	.20	.12
b. RISocietal	1,436	2.81	2.55	2.55	2.61	.022	.003	.011	.007	.83	.87	.88	.87	1,509	2,201	1,740	.000	.000	.000	.30	.30	.23
c. RIDiverse	1,429	2.88	2.54	2.58	2.61	.022	.004	.011	.007	.84	.90	.89	.89	1,504	2,185	1,743	.000	.000	.000	.39	.34	.30
d. Rlownview	1,431	2.90	2.76	2.77	2.76	.021	.003	.010	.006	.79	.80	.80	.80	1,500	2,130	1,716	.000	.000	.000	.17	.15	.17
e. Rlperspect	1,414	3.00	2.90	2.95	2.91	.020	.003	.010	.006	.77	.79	.77	.77	1,484	7,735	1,695	.000	.017	.000	.13	.07	.12
f. Rlnewview	1,395	2.99	2.83	2.84	2.86	.020	.003	.010	.006	.76	.78	.78	.77	1,465	2,108	1,681	.000	.000	.000	.20	.19	.18
g. Rlconnect	1,393	3.11	3.03	3.02	3.05	.019	.003	.009	.006	.72	.73	.74	.73	59,801	7,542	15,871	.000	.000	.002	.12	.12	.09
3 a. SFcareer	1,393	2.36	2.30	2.27	2.29	.025	.004	.012	.008	.94	.92	.94	.92	1,456	7,530	1,659	.012	.001	.006	.07	.10	.08
b. SFotherwork	1,381	1.83	1.81	1.81	1.82	.025	.004	.012	.008	.93	.91	.92	.91	59,456	7,494	15,760	.330	.480	.798	.03	.02	.01
c. SFdiscuss	1,378	2.06	2.00	2.00	2.06	.025	.004	.012	.007	.91	.88	.91	.88	1,439	7,431	1,632	.010	.014	.977	.07	.07	.00
d. SFperform	1,368	2.21	2.09	2.11	2.16	.024	.004	.011	.007	.90	.87	.89	.86	1,428	2,020	1,619	.000	.000	.046	.14	.12	.06
4 a. memorize	1,367	2.97	2.95	3.04	2.92	.021	.003	.010	.007	.78	.80	.80	.81	58,446	7,384	1,666	.288	.005	.021	.03	-.08	.06
b. HOapply	1,355	3.05	2.97	2.92	2.94	.021	.003	.011	.007	.77	.79	.82	.79	58,168	2,114	15,390	.000	.000	.000	.11	.16	.14
c. HOanalyze	1,347	3.06	2.92	2.91	2.93	.021	.003	.011	.007	.77	.81	.82	.81	1,418	2,097	1,646	.000	.000	.000	.17	.18	.15
d. HOevaluate	1,342	3.04	2.84	2.85	2.90	.021	.003	.011	.007	.78	.83	.85	.82	1,413	2,105	1,638	.000	.000	.000	.25	.23	.18
e. HOform	1,339	3.02	2.84	2.85	2.89	.021	.003	.011	.007	.78	.82	.84	.81	1,410	2,102	1,634	.000	.000	.000	.21	.20	.16
5 a. ETgoals	1,330	3.06	3.04	3.04	3.04	.021	.003	.010	.007	.76	.76	.78	.77	56,695	7,170	14,987	.281	.467	.291	.03	.02	.03
b. ETorganize	1,333	2.99	2.98	2.96	2.98	.021	.003	.010	.007	.77	.79	.80	.80	56,601	2,034	14,962	.512	.159	.514	.02	.04	.02
c. ETexample	1,323	3.03	3.00	2.99	3.01	.021	.003	.011	.007	.77	.80	.81	.80	56,392	7,114	14,902	.258	.094	.552	.03	.05	.02
d. ETdraftfb	1,321	2.88	2.71	2.70	2.83	.024	.004	.012	.008	.88	.91	.94	.89	1,390	2,067	14,892	.000	.000	.023	.19	.20	.07
e. ETfeedback	1,307	2.74	2.61	2.63	2.66	.024	.004	.012	.008	.88	.89	.92	.88	1,371	2,003	14,824	.000	.000	.002	.14	.13	.09



# NSSE 2019 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### Temple University

#### First-Year Students

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Temple	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ
6 a. QRconclude	1,295	2.63	2.62	2.62	2.56	.025	.004	.012	.008	.89	.87	.88	.88	55,497	6,996	14,635	.676	.783	.010	.01	.01	.08
b. QRproblem	1,288	2.41	2.32	2.33	2.28	.026	.004	.012	.008	.94	.92	.94	.92	1,347	6,973	1,536	.001	.005	.000	.10	.09	.14
c. QRevaluate	1,291	2.46	2.36	2.34	2.31	.025	.004	.012	.008	.90	.88	.89	.88	1,349	6,917	1,544	.000	.000	.000	.12	.13	.17
7 a. wrshortnum	1,291	6.27	6.37	5.65	6.91	.138	.024	.066	.049	4.94	5.56	4.98	5.68	1,370	6,928	1,642	.479	.000	.000	-.02	.13	-.11
b. wrmednum	1,286	2.69	2.31	1.97	2.60	.088	.014	.041	.030	3.16	3.32	3.04	3.41	54,727	1,868	1,592	.000	.000	.362	.11	.23	.03
c. wrlongnum	1,286	.85	.93	.78	.99	.076	.012	.033	.023	2.72	2.73	2.50	2.69	54,778	6,901	14,435	.312	.371	.074	-.03	.03	-.05
— wrpages	1,279	52.85	51.18	44.09	56.08	1.899	.301	.853	.601	67.92	69.46	63.77	68.74	1,343	6,861	1,545	.384	.000	.106	.02	.14	-.05
8 a. DDrace	1,292	3.32	3.11	3.17	3.11	.022	.004	.012	.008	.79	.87	.87	.88	1,369	2,073	1,624	.000	.000	.000	.24	.18	.24
b. DDeconomic	1,287	3.24	3.09	3.11	3.09	.023	.004	.011	.007	.81	.85	.86	.86	54,545	6,892	14,383	.000	.000	.000	.17	.15	.17
c. DDreligion	1,288	3.20	3.04	3.06	3.03	.024	.004	.012	.008	.85	.90	.91	.90	54,548	6,896	14,378	.000	.000	.000	.18	.16	.19
d. DDpolitical	1,287	2.97	2.95	2.96	2.86	.026	.004	.013	.008	.94	.91	.94	.94	1,346	6,891	14,383	.505	.803	.000	.02	.01	.12
9 a. LSreading	1,280	3.11	2.97	3.01	3.02	.021	.003	.010	.007	.74	.77	.76	.75	54,159	6,843	1,548	.000	.000	.000	.18	.12	.12
b. LSnotes	1,287	2.91	2.85	2.90	2.88	.024	.004	.012	.008	.86	.88	.88	.88	1,352	6,847	1,565	.021	.721	.254	.06	.01	.03
c. LSsummary	1,280	2.85	2.77	2.82	2.81	.024	.004	.012	.008	.87	.87	.87	.85	1,343	6,843	14,262	.001	.238	.082	.10	.04	.05
10. challenge	1,274	5.27	5.37	5.34	5.31	.036	.005	.017	.011	1.27	1.23	1.29	1.24	53,749	6,806	14,213	.003	.080	.229	-.08	-.05	-.04
11 a. intern <sup>l</sup>	1,276	.081	.085	.089	.088	.0076	.0012	.0038	.0025	--	--	--	--	--	--	--	.611	.350	.401	-.01	-.03	-.03
b. leader <sup>l</sup>	1,274	.087	.128	.122	.117	.0079	.0015	.0044	.0028	--	--	--	--	--	--	--	.000	.000	.001	-.13	-.11	-.10
c. learncom <sup>l</sup>	1,260	.117	.151	.178	.167	.0091	.0016	.0052	.0033	--	--	--	--	--	--	--	.001	.000	.000	-.10	-.17	-.14
d. abroad <sup>l</sup>	1,270	.044	.036	.032	.037	.0058	.0008	.0024	.0017	--	--	--	--	--	--	--	.130	.037	.250	.04	.06	.03
e. research <sup>l</sup>	1,271	.036	.055	.047	.044	.0052	.0010	.0029	.0018	--	--	--	--	--	--	--	.003	.071	.160	-.09	-.06	-.04
f. capstone <sup>l</sup>	1,262	.023	.019	.020	.020	.0042	.0006	.0019	.0012	--	--	--	--	--	--	--	.265	.466	.447	.03	.02	.02
12. servcourse	1,269	1.57	1.56	1.57	1.58	.019	.003	.009	.006	.69	.68	.68	.68	53,094	6,725	13,990	.760	.986	.612	.01	.00	-.01
13 a. QIstudent	1,258	5.45	5.42	5.35	5.39	.038	.006	.019	.012	1.34	1.34	1.42	1.34	52,747	1,963	13,920	.343	.014	.110	.03	.07	.05
b. QIadvisor	1,241	5.14	5.31	5.12	5.16	.046	.007	.023	.015	1.63	1.59	1.71	1.66	52,133	1,928	13,769	.000	.663	.738	-.10	.01	-.01
c. QIfaculty	1,257	5.26	5.27	5.16	5.22	.038	.006	.020	.012	1.33	1.35	1.47	1.36	52,370	2,032	13,868	.758	.027	.420	-.01	.07	.02
d. QIstaff	1,172	4.93	5.12	4.97	4.97	.045	.007	.023	.015	1.55	1.55	1.64	1.60	48,648	1,834	12,998	.000	.389	.359	-.12	-.03	-.03
e. QIadmin	1,123	4.73	4.99	4.91	4.82	.049	.007	.023	.015	1.63	1.58	1.64	1.66	1,172	6,181	12,771	.000	.001	.099	-.16	-.11	-.05
14 a. empstudy	1,265	2.98	3.09	3.06	3.04	.020	.003	.010	.007	.73	.74	.74	.75	1,330	6,704	13,911	.000	.000	.012	-.15	-.11	-.07
b. SEacademic	1,259	2.97	3.05	3.01	2.99	.023	.004	.011	.007	.81	.80	.81	.82	52,494	6,669	13,854	.001	.174	.471	-.09	-.04	-.02
c. SElearnsup	1,256	3.01	3.09	3.08	3.04	.024	.004	.012	.008	.87	.85	.86	.87	52,454	6,669	13,866	.001	.014	.306	-.10	-.08	-.03

# NSSE 2019 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>B</sup>

### Temple University

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Temple	Comparisons with:				Temple	Comparisons with:			Temple	Comparisons with:			Carnegie Class Peers	Comparisons with:		Carnegie Class Peers	Comparisons with:		Carnegie Class Peers	Comparisons with:					
		Temple	Carnegie Class Peers	Peer A	Peer NSQ		Carnegie Class Peers	Peer A	Peer NSQ		Carnegie Class Peers	Peer A	Peer NSQ		Peer A	Peer NSQ		Peer A	Peer NSQ		Peer A	Peer NSQ				
d. SEdiverse	1,256	3.02	2.78	2.82	2.78	.025	.004	.013	.008	.87	.94	.95	.94	1,328	2,013	1,564	.000	.000	.000	.26	.22	.26				
e. SESocial	1,249	3.07	2.99	3.02	2.99	.023	.004	.011	.008	.82	.85	.84	.84	52,323	6,643	13,807	.001	.035	.000	.10	.07	.10				
f. SEwellness	1,253	2.97	2.97	3.01	2.88	.024	.004	.012	.008	.86	.88	.86	.90	52,217	6,622	1,536	.705	.085	.001	-.01	-.05	.10				
g. SENonacad	1,250	2.40	2.32	2.35	2.28	.028	.004	.013	.009	.97	.96	.97	.96	1,309	6,625	1,500	.002	.076	.000	.09	.06	.12				
h. SEactivities	1,248	2.90	2.89	2.89	2.85	.025	.004	.012	.008	.87	.89	.88	.88	52,141	6,636	1,512	.647	.708	.062	.01	.01	.05				
i. SEevents	1,249	2.58	2.50	2.61	2.59	.026	.004	.013	.008	.92	.93	.93	.92	52,122	6,611	13,749	.002	.351	.797	.09	-.03	-.01				
15 a. tmprephrs	1,250	14.19	15.41	15.02	15.09	.222	.036	.112	.073	7.86	8.17	8.23	8.12	1,317	1,940	1,529	.000	.001	.000	-.15	-.10	-.11				
b. tmcocurrhrs	1,243	5.32	6.20	6.10	6.47	.169	.031	.094	.063	5.97	6.96	6.90	7.05	1,327	2,087	1,609	.000	.000	.000	-.13	-.12	-.17				
c. tmworkonhrs	1,247	2.15	2.69	2.22	2.51	.153	.027	.076	.050	5.39	6.06	5.56	5.58	1,325	6,602	1,527	.000	.657	.023	-.09	-.01	-.07				
d. tmworkoffhrs	1,249	4.43	3.87	5.33	3.59	.225	.036	.126	.069	7.97	7.98	9.20	7.66	1,311	2,097	1,489	.014	.000	.000	.07	-.10	.11				
— tmworkhrs	1,244	6.56	6.51	7.54	6.05	.300	.047	.153	.092	10.59	10.58	11.22	10.20	51,605	1,947	1,484	.881	.004	.107	.00	-.09	.05				
e. tmervicehrs	1,252	2.53	2.53	2.88	2.47	.142	.021	.072	.044	5.03	4.73	5.24	4.89	1,306	6,616	13,699	.985	.032	.651	.00	-.07	.01				
f. tmrelaxhrs	1,249	14.03	13.24	12.77	13.43	.248	.038	.114	.076	8.75	8.46	8.38	8.48	1,307	1,820	13,691	.002	.000	.017	.09	.15	.07				
g. tmcarehrs	1,246	1.88	1.81	2.44	1.83	.150	.024	.083	.049	5.28	5.34	6.05	5.43	51,671	2,080	13,649	.639	.001	.774	.01	-.09	.01				
h. tmcommutehrs	1,251	3.90	4.32	4.59	3.50	.187	.027	.087	.051	6.61	6.03	6.38	5.71	1,302	6,602	1,444	.029	.001	.040	-.07	-.11	.07				
16. reading	1,248	2.90	2.55	2.62	2.71	.031	.005	.015	.010	1.09	1.09	1.07	1.10	1,310	6,573	1,515	.000	.000	.000	.32	.26	.18				
— tmreadinghrs	1,242	6.69	6.27	6.43	6.71	.155	.024	.078	.052	5.45	5.46	5.69	5.72	51,424	6,549	1,529	.007	.147	.909	.08	.05	.00				
17 a. pgwrite	1,242	2.83	2.69	2.73	2.81	.023	.004	.012	.008	.83	.89	.90	.85	1,313	1,978	13,610	.000	.000	.543	.15	.11	.02				
b. pgspeak	1,240	2.67	2.58	2.57	2.65	.026	.004	.013	.008	.92	.94	.94	.91	51,470	1,890	13,600	.001	.000	.534	.09	.11	.02				
c. pgthink	1,242	3.09	3.05	3.02	3.05	.023	.004	.011	.007	.79	.81	.83	.80	51,490	6,576	13,598	.070	.006	.068	.05	.09	.05				
d. pganalyze	1,244	2.71	2.71	2.73	2.60	.026	.004	.013	.009	.91	.94	.95	.96	1,309	1,917	1,533	.814	.434	.000	-.01	-.02	.11				
e. pgwork	1,244	2.67	2.59	2.58	2.62	.026	.004	.013	.008	.92	.95	.97	.94	1,309	1,938	13,626	.006	.002	.091	.08	.09	.05				
f. pgothers	1,236	2.89	2.81	2.77	2.82	.024	.004	.013	.008	.84	.88	.92	.88	1,302	1,976	1,515	.001	.000	.004	.09	.14	.08				
g. pgvalues	1,240	2.77	2.64	2.64	2.67	.025	.004	.013	.008	.89	.95	.96	.92	1,310	1,962	1,516	.000	.000	.000	.13	.13	.10				
h. pgdiverse	1,238	3.03	2.77	2.79	2.80	.024	.004	.013	.008	.83	.93	.95	.91	1,315	2,062	1,551	.000	.000	.000	.29	.26	.26				
i. pgprobsolve	1,242	2.74	2.64	2.64	2.66	.025	.004	.013	.008	.89	.93	.94	.91	1,309	1,945	1,513	.000	.000	.002	.11	.11	.09				
j. pgcitizen	1,238	2.81	2.63	2.65	2.67	.026	.004	.013	.008	.91	.94	.95	.92	1,303	1,917	1,504	.000	.000	.000	.19	.16	.15				
18. evalexp	1,248	3.19	3.20	3.12	3.16	.020	.003	.010	.006	.69	.73	.74	.72	1,316	6,597	13,664	.758	.004	.114	-.01	.09	.05				
19. sameinst	1,258	3.27	3.24	3.17	3.18	.021	.003	.011	.007	.74	.79	.81	.80	1,328	2,025	13,740	.246	.000	.000	.03	.12	.11				
20. returnexp <sup>l</sup>	1,259	.930	.900	.888	.881	.0072	.0013	.0043	.0029	--	--	--	--	--	--	--	.001	.000	.000	.11	.15	.17				

# NSSE 2019 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### Temple University

#### Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Temple	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ
1 a. askquest	1,977	3.06	2.95	2.93	3.05	.019	.003	.010	.008	.84	.89	.89	.87	2,110	3,249	2,706	.000	.000	.407	.13	.15	.02
b. drafts	1,971	2.30	2.29	2.32	2.23	.022	.004	.012	.009	.98	1.00	1.00	.98	68,839	9,443	14,094	.549	.567	.003	.01	-.01	.07
c. unpreparedr	1,963	2.80	2.86	2.83	2.86	.019	.003	.010	.008	.83	.84	.85	.83	68,797	9,428	14,054	.001	.075	.002	-.08	-.05	-.08
d. attendart	1,971	1.91	1.82	1.81	1.91	.021	.003	.010	.009	.94	.89	.88	.94	68,662	9,433	14,050	.000	.000	.871	.09	.11	.00
e. CLaskhelp	1,963	2.49	2.53	2.54	2.53	.020	.004	.011	.008	.88	.92	.91	.88	2,088	3,154	13,993	.076	.039	.113	-.04	-.05	-.04
f. CLexplain	1,961	2.80	2.80	2.79	2.83	.018	.003	.010	.007	.81	.86	.84	.82	2,091	3,176	13,979	.742	.901	.123	-.01	.00	-.04
g. CLstudy	1,959	2.55	2.56	2.58	2.58	.022	.004	.011	.009	.96	1.00	.98	.96	2,085	9,314	13,913	.483	.259	.204	-.02	-.03	-.03
h. CLproject	1,950	2.95	2.91	2.89	2.95	.020	.004	.010	.008	.87	.91	.90	.85	2,077	3,140	13,859	.030	.005	.990	.05	.07	.00
i. present	1,946	2.90	2.67	2.62	2.85	.021	.004	.011	.008	.92	.96	.97	.89	2,072	3,188	13,832	.000	.000	.037	.24	.29	.05
2 a. RIntegrate	1,936	2.99	2.92	2.90	2.94	.019	.003	.010	.008	.82	.83	.83	.82	2,055	3,080	13,714	.000	.000	.009	.08	.11	.06
b. RISocietal	1,931	2.83	2.71	2.69	2.77	.020	.004	.011	.008	.90	.91	.92	.90	2,050	3,091	13,660	.000	.000	.006	.14	.15	.07
c. RIDiverse	1,919	2.75	2.51	2.51	2.60	.022	.004	.012	.009	.95	.97	.99	.95	2,039	3,105	13,544	.000	.000	.000	.24	.24	.15
d. Rlownview	1,909	2.88	2.79	2.78	2.80	.019	.003	.010	.008	.83	.83	.83	.83	65,963	9,012	13,442	.000	.000	.000	.10	.11	.10
e. Rlperspect	1,888	3.01	2.95	2.94	2.95	.019	.003	.010	.008	.82	.81	.81	.80	65,231	8,937	13,277	.002	.002	.009	.07	.08	.07
f. Rlnewview	1,875	2.96	2.94	2.94	2.95	.018	.003	.009	.007	.78	.79	.79	.79	1,991	8,856	13,128	.141	.304	.372	.03	.03	.02
g. Rlconnect	1,861	3.20	3.16	3.13	3.16	.017	.003	.009	.007	.73	.74	.74	.73	63,862	8,763	13,021	.021	.001	.064	.05	.09	.05
3 a. SFcareer	1,866	2.46	2.40	2.40	2.53	.022	.004	.012	.009	.96	.98	.98	.96	63,859	8,785	13,018	.006	.010	.004	.06	.07	-.07
b. SFotherwork	1,850	1.98	1.98	1.94	2.09	.023	.004	.012	.010	1.00	1.01	1.00	1.02	63,545	8,734	2,540	.907	.195	.000	.00	.03	-.11
c. SFdiscuss	1,846	2.25	2.14	2.14	2.27	.021	.004	.012	.009	.91	.93	.96	.93	63,135	8,674	12,853	.000	.000	.295	.12	.12	-.03
d. SFperform	1,835	2.24	2.13	2.15	2.26	.021	.004	.011	.009	.90	.90	.93	.91	1,945	8,661	12,841	.000	.000	.582	.13	.11	-.01
4 a. memorize	1,831	2.75	2.79	2.85	2.79	.021	.004	.010	.008	.91	.87	.87	.88	1,933	2,790	2,440	.052	.000	.117	-.05	-.12	-.04
b. HOapply	1,823	3.05	3.06	3.03	3.03	.019	.003	.010	.008	.80	.80	.81	.80	62,568	8,601	12,737	.820	.370	.377	-.01	.02	.02
c. HOanalyze	1,813	3.06	3.00	2.97	2.99	.019	.003	.010	.008	.81	.83	.84	.83	62,111	8,559	12,625	.003	.000	.001	.07	.11	.09
d. HOevaluate	1,806	3.02	2.84	2.85	2.87	.020	.004	.011	.008	.83	.89	.89	.88	1,931	3,010	2,522	.000	.000	.000	.20	.19	.17
e. HOform	1,797	2.98	2.88	2.90	2.89	.019	.003	.010	.008	.82	.85	.85	.84	1,915	2,910	2,470	.000	.000	.000	.12	.10	.11
5 a. ETgoals	1,793	3.10	3.11	3.10	3.09	.018	.003	.010	.008	.78	.78	.79	.78	61,101	8,401	12,448	.662	.957	.813	-.01	.00	.01
b. ETorganize	1,786	3.02	3.03	3.02	3.02	.019	.003	.010	.008	.80	.81	.83	.80	60,992	8,384	12,419	.539	.998	.960	-.01	.00	.00
c. ETexample	1,777	3.05	3.07	3.04	3.08	.019	.003	.010	.008	.81	.82	.83	.81	60,871	8,352	12,380	.290	.630	.198	-.03	.01	-.03
d. ETdraftfb	1,783	2.87	2.63	2.65	2.70	.021	.004	.012	.009	.91	.96	.97	.94	1,904	2,990	2,469	.000	.000	.000	.25	.23	.19
e. ETfeedback	1,772	2.82	2.69	2.70	2.72	.021	.004	.011	.009	.88	.90	.93	.89	1,886	2,937	2,420	.000	.000	.000	.15	.13	.12

# NSSE 2019 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### Temple University

## Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Temple	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ
6 a. QRconclude	1,750	2.63	2.70	2.67	2.62	.022	.004	.011	.009	.91	.91	.91	.92	60,033	8,260	12,184	.006	.127	.599	-.07	-.04	.01
b. QRproblem	1,745	2.45	2.43	2.40	2.39	.023	.004	.012	.009	.96	.96	.98	.96	59,737	8,228	12,119	.269	.056	.008	.03	.05	.07
c. QRevaluate	1,745	2.50	2.47	2.44	2.44	.022	.004	.012	.009	.92	.92	.93	.92	59,524	8,205	12,097	.207	.009	.011	.03	.07	.07
7 a. wrshortnum	1,742	8.41	7.15	6.55	7.61	.162	.027	.076	.063	6.77	6.45	6.11	6.45	1,838	2,558	2,305	.000	.000	.000	.19	.30	.12
b. wrmednum	1,736	3.78	3.29	3.00	3.56	.106	.018	.051	.042	4.43	4.26	4.05	4.26	59,080	2,571	12,026	.000	.000	.046	.12	.19	.05
c. wrlongnum	1,743	2.00	1.91	1.80	1.98	.086	.015	.044	.034	3.59	3.70	3.54	3.50	59,228	8,157	12,044	.334	.037	.886	.02	.06	.00
— wrpages	1,723	85.62	75.89	69.99	80.71	2.275	.391	1.126	.894	94.44	93.45	89.83	90.39	58,727	2,625	2,285	.000	.000	.045	.10	.17	.05
8 a. DDrace	1,737	3.31	3.14	3.21	3.14	.020	.004	.011	.009	.82	.89	.88	.88	1,864	2,923	2,466	.000	.000	.000	.20	.12	.20
b. DDeconomic	1,734	3.20	3.11	3.13	3.11	.020	.004	.011	.008	.84	.87	.89	.85	59,082	2,880	11,999	.000	.001	.000	.11	.09	.11
c. DDreligion	1,734	3.14	3.06	3.10	3.04	.021	.004	.011	.009	.89	.91	.92	.89	59,078	8,154	12,009	.000	.121	.000	.09	.04	.11
d. DDpolitical	1,735	2.89	2.96	2.95	2.83	.023	.004	.012	.009	.94	.93	.95	.94	1,837	8,148	12,014	.002	.009	.036	-.08	-.07	.05
9 a. LSreading	1,729	3.09	3.04	3.05	3.05	.019	.003	.010	.008	.79	.81	.80	.79	58,730	8,107	11,944	.022	.095	.060	.06	.05	.05
b. LSnotes	1,722	2.77	2.76	2.82	2.72	.022	.004	.011	.009	.92	.93	.91	.94	58,676	8,093	11,918	.715	.041	.064	.01	-.06	.05
c. LSsummary	1,721	2.78	2.75	2.81	2.75	.021	.004	.011	.009	.87	.91	.90	.89	1,833	8,078	11,913	.300	.155	.198	.02	-.04	.03
10. challenge	1,713	5.27	5.40	5.36	5.33	.033	.006	.018	.013	1.37	1.32	1.39	1.30	58,241	8,033	2,265	.000	.009	.073	-.10	-.07	-.05
11 a. intern <sup>l</sup>	1,715	.587	.530	.489	.638	.0119	.0021	.0063	.0048	--	--	--	--	--	--	--	.000	.000	.000	.11	.20	-.11
b. leader <sup>l</sup>	1,710	.343	.410	.366	.473	.0115	.0021	.0061	.0050	--	--	--	--	--	--	--	.000	.075	.000	-.14	-.05	-.26
c. learncom <sup>l</sup>	1,707	.192	.234	.242	.260	.0095	.0018	.0054	.0044	--	--	--	--	--	--	--	.000	.000	.000	-.10	-.12	-.16
d. abroad <sup>l</sup>	1,712	.194	.189	.150	.246	.0096	.0017	.0045	.0043	--	--	--	--	--	--	--	.612	.000	.000	.01	.12	-.13
e. research <sup>l</sup>	1,711	.207	.265	.216	.288	.0098	.0019	.0052	.0045	--	--	--	--	--	--	--	.000	.447	.000	-.14	-.02	-.19
f. capstone <sup>l</sup>	1,703	.538	.442	.373	.498	.0121	.0021	.0061	.0050	--	--	--	--	--	--	--	.000	.000	.002	.19	.33	.08
12. servcourse	1,697	1.66	1.65	1.71	1.66	.018	.003	.009	.007	.73	.69	.72	.69	1,789	2,641	2,242	.611	.004	.762	.01	-.08	-.01
13 a. QIstudent	1,696	5.50	5.52	5.44	5.45	.033	.006	.018	.013	1.38	1.33	1.41	1.30	57,124	7,926	2,236	.499	.120	.158	-.02	.04	.04
b. QIadvisor	1,692	4.64	5.09	4.97	4.91	.045	.008	.023	.018	1.87	1.77	1.84	1.81	1,785	2,649	2,258	.000	.000	.000	-.25	-.18	-.15
c. QIfaculty	1,695	5.29	5.35	5.28	5.33	.035	.006	.018	.013	1.42	1.38	1.46	1.35	57,383	7,916	2,240	.051	.952	.250	-.05	.00	-.03
d. QIstaff	1,468	4.55	4.90	4.76	4.67	.044	.008	.024	.018	1.70	1.67	1.76	1.69	1,556	6,760	10,524	.000	.000	.019	-.21	-.12	-.07
e. QIadmin	1,566	4.33	4.80	4.75	4.61	.045	.007	.023	.018	1.79	1.69	1.73	1.73	1,651	2,408	2,071	.000	.000	.000	-.28	-.24	-.16
14 a. empstudy	1,694	2.98	3.09	3.05	3.02	.019	.003	.010	.008	.80	.77	.78	.78	57,603	7,959	11,701	.000	.002	.035	-.15	-.09	-.06
b. SEacademic	1,694	2.81	2.87	2.85	2.81	.021	.004	.011	.009	.85	.85	.85	.86	1,797	7,940	11,686	.004	.085	.786	-.07	-.05	.01
c. SElearnsup	1,690	2.79	2.79	2.81	2.74	.023	.004	.012	.009	.93	.92	.92	.92	57,470	7,943	11,673	.981	.494	.037	.00	-.02	.05

# NSSE 2019 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### Temple University

#### Seniors

Variable Name	N	Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	Temple	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Temple	Carnegie Class Peers	Peer A	Peer NSQ	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ	Carnegie Class Peers	Peer A	Peer NSQ
d. SEdiverse	1,689	2.76	2.59	2.65	2.58	.024	.004	.013	.010	.98	.99	.99	.99	1,794	7,928	11,662	.000	.000	.000	.17	.11	.19
e. SESocial	1,690	2.89	2.84	2.89	2.86	.021	.004	.012	.009	.87	.91	.91	.89	1,804	2,777	11,658	.021	.907	.153	.05	.00	.04
f. SEwellness	1,686	2.64	2.76	2.78	2.71	.023	.004	.012	.009	.96	.95	.94	.94	1,787	2,625	11,640	.000	.000	.007	-.12	-.15	-.07
g. SEnonacad	1,691	2.01	2.02	2.07	2.01	.024	.004	.012	.009	.99	.96	.98	.94	1,787	7,918	2,239	.737	.044	.752	-.01	-.06	.01
h. SEactivities	1,686	2.66	2.68	2.70	2.63	.023	.004	.012	.009	.93	.96	.95	.92	57,084	7,906	11,625	.358	.078	.371	-.02	-.05	.02
i. SEevents	1,687	2.33	2.34	2.42	2.44	.023	.004	.012	.009	.95	.94	.96	.93	57,093	7,905	11,628	.830	.001	.000	-.01	-.09	-.12
15 a. tmprephrs	1,682	13.45	15.16	14.32	14.61	.211	.038	.111	.088	8.63	8.88	8.76	8.72	1,791	7,881	11,583	.000	.000	.000	-.19	-.10	-.13
b. tmcocurrhrs	1,684	4.64	5.57	5.25	6.27	.148	.030	.088	.074	6.09	7.11	6.92	7.37	1,826	2,975	2,597	.000	.000	.000	-.13	-.09	-.23
c. tmworkonhrs	1,680	4.26	4.48	3.51	4.33	.182	.033	.090	.073	7.44	7.81	7.07	7.23	1,793	2,561	11,565	.240	.000	.705	-.03	.10	-.01
d. tmworkoffhrs	1,685	11.32	10.27	12.63	8.99	.289	.053	.164	.112	11.85	12.38	12.93	11.18	1,798	2,870	2,224	.000	.000	.000	.09	-.10	.21
— tmworkhrs	1,676	15.51	14.72	16.14	13.29	.308	.055	.169	.122	12.60	12.90	13.25	12.09	1,783	2,764	2,230	.012	.073	.000	.06	-.05	.18
e. tmervicehrs	1,686	3.07	3.03	3.35	2.97	.141	.023	.072	.052	5.79	5.29	5.63	5.15	1,772	7,876	2,162	.738	.081	.507	.01	-.05	.02
f. tmrelaxhrs	1,681	11.38	11.70	10.91	12.19	.199	.035	.103	.082	8.14	8.34	8.14	8.17	56,858	7,876	11,583	.118	.037	.000	-.04	.06	-.10
g. tmcarehrs	1,679	3.43	4.10	5.33	2.72	.194	.039	.127	.072	7.94	9.19	9.95	7.14	1,818	3,256	2,163	.001	.000	.001	-.07	-.20	.10
h. tmcommutehrs	1,686	5.71	5.35	6.32	5.12	.153	.025	.084	.059	6.29	5.92	6.61	5.87	1,778	7,888	2,213	.021	.001	.000	.06	-.09	.10
16. reading	1,680	2.75	2.64	2.66	2.71	.028	.005	.015	.012	1.15	1.20	1.16	1.19	1,791	7,863	2,335	.000	.002	.121	.10	.08	.04
— tmreadinghrs	1,671	6.17	6.47	6.23	6.45	.143	.025	.073	.059	5.83	5.95	5.76	5.89	56,585	7,829	11,513	.041	.693	.067	-.05	-.01	-.05
17 a. pgwrite	1,681	3.05	2.94	2.93	2.99	.022	.004	.012	.009	.88	.90	.91	.87	56,578	7,851	2,277	.000	.000	.011	.13	.13	.07
b. pgspeak	1,684	2.99	2.88	2.86	2.96	.023	.004	.012	.009	.93	.93	.94	.90	1,787	2,693	11,515	.000	.000	.096	.13	.14	.04
c. pgthink	1,679	3.28	3.29	3.25	3.29	.019	.003	.010	.008	.79	.79	.80	.78	56,679	7,841	11,504	.651	.127	.622	-.01	.04	-.01
d. pganalyze	1,682	2.84	2.96	2.95	2.85	.024	.004	.012	.010	.97	.96	.95	.99	1,782	2,608	11,519	.000	.000	.717	-.13	-.12	-.01
e. pgwork	1,686	2.90	2.89	2.85	2.93	.024	.004	.013	.010	.98	.98	.98	.96	56,661	7,853	11,524	.691	.061	.224	.01	.05	-.03
f. pgothers	1,683	3.03	3.03	3.01	3.07	.022	.004	.011	.009	.88	.89	.87	.85	56,678	7,861	11,497	.781	.379	.076	.01	.02	-.05
g. pgvalues	1,681	2.84	2.75	2.78	2.81	.024	.004	.013	.010	1.00	1.00	1.00	.98	56,606	7,839	11,493	.000	.025	.277	.09	.06	.03
h. pgdiverse	1,680	3.05	2.82	2.87	2.87	.023	.004	.012	.010	.93	.97	.98	.95	1,793	2,768	2,317	.000	.000	.000	.24	.19	.19
i. pgprobsolve	1,684	2.87	2.82	2.81	2.82	.023	.004	.012	.009	.94	.95	.96	.93	56,641	7,864	11,510	.075	.033	.057	.04	.06	.05
j. pgcitizen	1,684	2.80	2.65	2.66	2.73	.024	.004	.013	.010	.98	1.00	1.00	.98	1,791	2,707	11,531	.000	.000	.003	.15	.14	.08
18. evalexp	1,689	3.18	3.22	3.13	3.19	.018	.003	.010	.008	.76	.77	.79	.77	1,797	7,906	11,594	.029	.034	.604	-.05	.06	-.01
19. sameinst	1,695	3.20	3.23	3.16	3.16	.020	.004	.011	.009	.83	.84	.86	.85	57,148	7,918	11,629	.168	.050	.048	-.03	.05	.05

### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a  $z$ -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . See page 2 for more details.
- f. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the  $t$ -tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."