



NSSE 2016

Frequencies and Statistical Comparisons

Temple University

NSSE 2016 Frequencies and Statistical Comparisons


About This Report

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

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- 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.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- 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/html/weighting.cfm

- 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 2016 Frequencies and Statistical Comparisons

NSSeville State University

		Frequency Distributions ^a								Statistical Comparisons ^b									
		NSSeville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSeville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	3 122 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 6,111	14 37 29 21	401 978 18 6	14 34 1 21	35,490 79,495 57,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
		Total		615	100	15,858	100	2,833	100	228,352	100								

- 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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	34	2	1,394	4	543	5	358	4	2.9	2.7 *** △	.24	2.7 *** △	.26	2.7 *** △	.24
		2	Sometimes	501	32	14,300	40	4,606	40	4,172	40							
		3	Often	546	35	12,928	34	3,970	33	3,893	34							
		4	Very often	455	30	8,426	22	2,527	21	2,478	21							
		Total		1,536	100	37,048	100	11,646	100	10,901	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	234	16	7,029	21	1,911	18	2,204	22	2.6	2.4 *** △	.18	2.5 ** △	.09	2.3 *** △	.24
		2	Sometimes	499	33	13,259	36	3,956	35	3,973	37							
		3	Often	473	31	10,265	28	3,432	29	2,937	27							
		4	Very often	314	20	6,178	16	2,275	18	1,659	14							
		Total		1,520	100	36,731	100	11,574	100	10,773	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	101	7	2,322	6	735	6	597	6	2.9	2.9	.04	2.9	.00	2.9	.01
		2	Often	218	15	5,878	16	1,651	15	1,647	16							
		3	Sometimes	860	57	21,141	57	6,528	57	6,247	57							
		4	Never	338	22	7,210	20	2,597	22	2,246	21							
		Total		1,517	100	36,551	100	11,511	100	10,737	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	542	36	12,770	37	5,259	46	3,832	37	2.0	1.9 *** △	.09	1.8 *** △	.26	1.9 *** △	.11
		2	Sometimes	559	37	14,889	40	4,060	36	4,380	41							
		3	Often	252	17	5,786	15	1,397	12	1,687	15							
		4	Very often	162	11	2,921	8	715	6	778	7							
		Total		1,515	100	36,366	100	11,431	100	10,677	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	117	8	2,125	7	813	8	556	6	2.6	2.7 *** ▽	-.18	2.6 *** ▽	-.10	2.7 *** ▽	-.20
		2	Sometimes	666	44	12,794	36	4,229	38	3,644	36							
		3	Often	467	31	13,489	36	4,027	35	4,020	36							
		4	Very often	259	17	7,823	21	2,314	19	2,427	21							
		Total		1,509	100	36,231	100	11,383	100	10,647	100							
f. Explained course material to one or more students	CLexplain	1	Never	57	4	1,063	3	402	4	287	3	2.7	2.8 *** ▽	-.15	2.8 *** ▽	-.09	2.8 *** ▽	-.15
		2	Sometimes	608	40	12,124	34	3,976	36	3,500	34							
		3	Often	579	38	15,073	41	4,547	40	4,486	42							
		4	Very often	261	18	7,847	22	2,403	20	2,343	21							
		Total		1,505	100	36,107	100	11,328	100	10,616	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your first-year students compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	224	15	3,685	11	1,394	14	1,021	11	2.5	2.7 *** ▽	-.17	2.6 ** ▽	-.09	2.7 *** ▽	-.19
		2	Sometimes	570	38	12,103	34	3,971	35	3,449	34							
		3	Often	437	29	11,826	32	3,473	30	3,459	32							
		4	Very often	278	18	8,451	23	2,480	21	2,665	24							
		Total		1,509	100	36,065	100	11,318	100	10,594	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	75	5	2,034	6	559	6	531	6	2.7	2.7	-.03	2.7	-.04	2.7 * ▽	-.06
		2	Sometimes	603	41	13,489	38	4,082	38	3,702	37							
		3	Often	554	37	13,031	36	4,193	36	4,022	37							
		4	Very often	266	17	7,296	20	2,420	20	2,308	20							
		Total		1,498	100	35,850	100	11,254	100	10,563	100							
i. Given a course presentation	present	1	Never	253	17	7,502	22	1,718	18	2,041	24	2.3	2.2 *** △	.14	2.3	.00	2.2 *** △	.17
		2	Sometimes	711	47	16,599	46	5,013	44	4,981	46							
		3	Often	368	25	8,190	22	3,091	26	2,512	22							
		4	Very often	169	11	3,428	9	1,367	11	1,012	9							
		Total		1,501	100	35,719	100	11,189	100	10,546	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	78	6	1,991	6	708	7	589	6	2.8	2.7 *** △	.11	2.6 *** △	.13	2.6 *** △	.14
		2	Sometimes	498	34	13,295	39	4,139	39	3,985	40							
		3	Often	586	40	13,349	38	4,090	37	3,850	36							
		4	Very often	293	20	6,266	17	1,962	17	1,818	17							
		Total		1,455	100	34,901	100	10,899	100	10,242	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	78	6	2,675	9	911	9	856	10	2.8	2.6 *** △	.26	2.6 *** △	.27	2.6 *** ▲	.31
		2	Sometimes	438	30	13,298	39	4,211	39	3,997	40							
		3	Often	586	40	12,831	36	3,853	35	3,707	35							
		4	Very often	346	24	5,851	16	1,827	17	1,604	15							
		Total		1,448	100	34,655	100	10,802	100	10,164	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	74	6	3,355	11	1,061	11	1,064	12	2.8	2.5 *** ▲	.34	2.6 *** ▲	.31	2.5 *** ▲	.38
		2	Sometimes	433	30	13,747	40	4,213	39	4,123	42							
		3	Often	570	39	11,739	33	3,611	33	3,347	31							
		4	Very often	370	25	5,730	16	1,900	17	1,607	15							
		Total		1,447	100	34,571	100	10,785	100	10,141	100							

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

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First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	47	3	1,682	5	509	5	488	5	2.9	2.7 ***	.22	2.8 ***	.19	2.7 ***	.24			
		2	Sometimes	388	28	11,448	34	3,513	33	3,411	34								△	△	△
		3	Often	627	43	14,991	43	4,598	43	4,400	43										
		4	Very often	382	26	6,320	18	2,117	19	1,790	18										
		Total		1,444	100	34,441	100	10,737	100	10,089	100										
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	30	2	1,163	4	396	4	336	4	3.0	2.9 ***	.18	2.9 ***	.16	2.8 ***	.19			
		2	Sometimes	346	25	10,079	30	3,139	29	3,034	30								△	△	△
		3	Often	640	44	15,197	44	4,549	43	4,372	43										
		4	Very often	423	29	7,910	23	2,638	24	2,306	23										
		Total		1,439	100	34,349	100	10,722	100	10,048	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	25	2	967	3	357	3	293	3	3.0	2.8 ***	.17	2.8 ***	.16	2.8 ***	.21			
		2	Sometimes	401	28	10,651	32	3,312	32	3,256	34								△	△	△
		3	Often	594	41	15,111	43	4,574	42	4,321	42										
		4	Very often	413	28	7,483	21	2,445	22	2,144	21										
		Total		1,433	100	34,212	100	10,688	100	10,014	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	11	1	426	1	157	2	123	1	3.2	3.0 ***	.16	3.0 ***	.17	3.0 ***	.19			
		2	Sometimes	250	18	7,301	23	2,400	23	2,189	24								△	△	△
		3	Often	654	46	16,165	47	4,905	46	4,768	47										
		4	Very often	511	35	10,171	29	3,181	30	2,903	28										
		Total		1,426	100	34,063	100	10,643	100	9,983	100										
3. During the current school year, about how often have you done the following?																					
a. Talked about career plans with a faculty member	SFcareer	1	Never	343	24	6,779	21	2,360	24	1,752	20	2.2	2.2	-0.02	2.2	.03	2.2 *	-0.06			
		2	Sometimes	619	43	15,984	47	4,786	45	4,640	47										
		3	Often	297	21	7,796	22	2,353	21	2,423	23										
		4	Very often	163	11	3,566	10	1,168	10	1,156	11										▽
		Total		1,422	100	34,125	100	10,667	100	9,971	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	775	54	16,574	50	5,519	53	4,545	47	1.7	1.8 *	-0.06	1.7	-0.01	1.8 ***	-0.10			
		2	Sometimes	378	27	10,779	31	3,065	28	3,354	33								▽	▽	▽
		3	Often	177	13	4,593	13	1,390	13	1,403	14										
		4	Very often	85	6	2,073	6	650	6	634	6										
		Total		1,415	100	34,019	100	10,624	100	9,936	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	495	34	10,751	33	3,846	37	3,031	33	2.0	2.0	.02	1.9 **	.08	2.0	.01
		2	Sometimes	561	40	14,954	43	4,279	40	4,375	42							
		3	Often	241	18	5,910	17	1,744	16	1,798	18							
		4	Very often	118	8	2,336	7	724	7	694	7							
		Total		1,415	100	33,951	100	10,593	100	9,898	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	343	24	8,626	27	2,891	30	2,326	26	2.1	2.1 **	.08	2.0 ***	.13	2.1	.05
		2	Sometimes	664	47	16,201	47	4,887	46	4,722	47							
		3	Often	289	21	6,530	19	1,985	18	2,047	20							
		4	Very often	119	8	2,532	7	795	7	811	8							
		Total		1,415	100	33,889	100	10,558	100	9,906	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	45	3	1,070	3	337	3	374	4	3.0	3.0	.04	3.0	.01	2.9 **	.08
		2	Some	336	24	8,014	24	2,405	23	2,420	25							
		3	Quite a bit	608	43	15,198	44	4,664	44	4,445	44							
		4	Very much	436	30	9,692	28	3,174	29	2,672	26							
		Total		1,425	100	33,974	100	10,580	100	9,911	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	37	3	930	3	354	4	285	4	3.0	3.0	.02	3.0 *	.05	3.0	.04
		2	Some	312	22	7,462	22	2,470	23	2,174	22							
		3	Quite a bit	639	45	15,479	45	4,638	44	4,560	46							
		4	Very much	432	30	9,956	29	3,068	29	2,863	29							
		Total		1,420	100	33,827	100	10,530	100	9,882	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	33	2	1,084	3	361	4	368	4	3.1	3.0 ***	.15	3.0 ***	.15	2.9 ***	.19
		2	Some	279	20	8,054	24	2,558	25	2,398	25							
		3	Quite a bit	605	43	14,716	43	4,457	43	4,308	43							
		4	Very much	492	34	9,850	29	3,106	29	2,761	27							
		Total		1,409	100	33,704	100	10,482	100	9,835	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	31	3	1,641	5	482	5	524	6	3.1	2.8 ***	.27	2.9 ***	.21	2.8 ***	.31
		2	Some	282	21	9,157	28	2,745	27	2,841	30							
		3	Quite a bit	623	44	14,637	43	4,406	42	4,188	42							
		4	Very much	470	33	8,263	24	2,848	26	2,272	22							
		Total		1,406	100	33,698	100	10,481	100	9,825	100							

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

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Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	36	2	1,664	5	500	5	516	6	3.0	2.9 ***	.21	2.9 ***	.17	2.8 ***	.22	
		2	Some	336	24	9,125	28	2,804	27	2,705	28								
		3	Quite a bit	587	42	14,591	43	4,388	42	4,230	43								
		4	Very much	452	32	8,180	24	2,755	25	2,355	23								
		Total		1,411	100	33,560	100	10,447	100	9,806	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	16	1	578	2	225	2	169	2	3.2	3.1 ***	.11	3.1 ***	.12	3.1 ***	.13	
		2	Some	245	17	6,358	19	2,143	20	1,863	19								
		3	Quite a bit	657	46	16,121	47	4,660	45	4,777	48								
		4	Very much	505	36	10,711	31	3,487	33	3,042	30								
		Total		1,423	100	33,768	100	10,515	100	9,851	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	35	2	777	3	349	3	241	3	3.0	3.0	-.01	3.0	.02	3.0	.01	
		2	Some	301	21	6,527	20	2,196	21	1,875	20								
		3	Quite a bit	694	48	16,415	48	4,801	46	4,890	49								
		4	Very much	396	29	9,988	29	3,141	30	2,833	28								
		Total		1,426	100	33,707	100	10,487	100	9,839	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	28	2	869	3	373	4	257	3	3.1	3.1 *	.06	3.0 **	.08	3.0 **	.08	
		2	Some	305	21	6,924	21	2,250	21	2,062	21								
		3	Quite a bit	588	41	14,924	44	4,353	42	4,334	45								
		4	Very much	499	36	10,905	32	3,474	33	3,140	31								
		Total		1,420	100	33,622	100	10,450	100	9,793	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	75	5	2,880	9	842	9	895	10	2.9	2.7 ***	.24	2.8 ***	.19	2.7 ***	.27	
		2	Some	381	27	10,699	33	3,243	31	3,217	34								
		3	Quite a bit	540	38	12,341	36	3,712	35	3,513	35								
		4	Very much	424	30	7,717	22	2,665	24	2,187	22								
		Total		1,420	100	33,637	100	10,462	100	9,812	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	129	9	3,163	10	1,030	10	921	10	2.8	2.6 ***	.14	2.7 ***	.13	2.6 ***	.16	
		2	Some	439	30	11,481	35	3,571	35	3,395	35								
		3	Quite a bit	497	35	12,446	36	3,635	35	3,613	36								
		4	Very much	348	26	6,453	19	2,199	21	1,856	19								
		Total		1,413	100	33,543	100	10,435	100	9,785	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	179	12	3,583	10	1,061	10	1,012	10	2.6	2.6	-.01	2.6	-.01	2.7	-.02	
		2	Sometimes	471	32	11,646	34	3,620	34	3,334	34								
		3	Often	500	35	12,450	37	3,880	37	3,685	38								
		4	Very often	277	20	6,030	18	1,930	19	1,801	19								
			Total	1,427	100	33,709	100	10,491	100	9,832	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	263	18	6,694	20	1,994	19	1,895	19	2.4	2.3 ***	.10	2.4 **	.09	2.3 **	.09	
		2	Sometimes	523	36	13,295	39	4,119	39	3,864	39								
		3	Often	426	30	9,517	28	2,993	28	2,867	29								
		4	Very often	210	16	4,155	13	1,361	13	1,194	13								
			Total	1,422	100	33,661	100	10,467	100	9,820	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	272	19	5,834	17	1,862	17	1,659	17	2.4	2.4	.03	2.3	.03	2.4	.02	
		2	Sometimes	543	38	14,094	42	4,365	42	4,121	42								
		3	Often	424	30	9,836	29	2,958	28	2,886	30								
		4	Very often	181	14	3,828	12	1,249	12	1,133	12								
			Total	1,420	100	33,592	100	10,434	100	9,799	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	21	2	1,479	6	407	5	479	6	6.8	6.6	.04	6.6	.03	6.1 ***	.11	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	196	15	6,262	20	1,885	20	1,905	22								
		4	3-5	511	39	9,919	32	3,301	35	3,005	33								
		8	6-10	361	27	7,626	24	2,167	23	2,096	22								
		13	11-15	124	9	3,224	10	909	10	883	9								
		18	16-20	51	4	1,358	4	394	4	338	4								
		23	More than 20	47	4	1,420	4	419	5	350	4								
			Total	1,311	100	31,288	100	9,482	100	9,056	100								
b. Between 6 and 10 pages	wrmednum	0	None	242	19	10,263	36	3,077	34	3,167	40	2.9	2.1 ***	.26	2.3 ***	.19	1.9 ***	.31	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	531	41	12,360	39	3,656	39	3,532	38								
		4	3-5	364	28	5,428	17	1,654	18	1,467	15								
		8	6-10	120	9	1,787	6	614	7	464	5								
		13	11-15	17	1	430	1	159	2	121	1								
		18	16-20	6	0	134	0	30	0	34	0								
		23	More than 20	7	1	139	1	54	1	43	1								
			Total	1,287	100	30,541	100	9,244	100	8,828	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	983	78	22,834	77	6,898	76	6,830	79	.9	.8	.03	.9	-.01	.7 *	.07	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	165	14	5,016	16	1,421	16	1,326	15								
	4	3-5	41	4	912	3	315	4	221	2									
	8	6-10	29	2	540	2	185	2	122	1									
	13	11-15	6	0	246	1	104	1	60	1									
	18	16-20	8	1	101	0	30	0	24	0									
	23	More than 20	9	1	143	1	51	1	46	1									
Total				1,241	100	29,792	100	9,004	100	8,629	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									55.6	47.6 ***	.13	49.8 **	.09	43.8 ***	.19	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	20	2	990	3	393	4	312	4	3.4	3.2 ***	.25	3.2 ***	.24	3.1 ***	.31	
		2	Sometimes	170	13	6,776	22	1,930	20	2,082	23								
		3	Often	414	32	9,883	31	2,971	31	2,963	32								
		4	Very often	726	54	13,890	44	4,335	45	3,739	41								
		Total		1,330	100	31,539	100	9,629	100	9,096	100								
b. People from an economic background other than your own	DDeconomic	1	Never	35	3	1,027	4	442	5	292	4	3.2	3.1 ***	.13	3.1 ***	.17	3.1 ***	.16	
		2	Sometimes	226	17	6,685	22	2,136	23	1,999	22								
		3	Often	461	35	10,961	35	3,192	33	3,253	35								
		4	Very often	604	45	12,788	40	3,833	40	3,530	39								
		Total		1,326	100	31,461	100	9,603	100	9,074	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	46	4	1,314	5	557	6	415	5	3.2	3.1 ***	.11	3.0 ***	.17	3.1 ***	.16	
		2	Sometimes	247	18	6,941	23	2,269	24	2,094	24								
		3	Often	412	31	9,913	31	2,935	30	2,972	32								
		4	Very often	623	46	13,240	41	3,830	40	3,572	39								
		Total		1,328	100	31,408	100	9,591	100	9,053	100								
d. People with political views other than your own	DDpolitical	1	Never	65	5	1,463	5	637	7	406	5	3.1	3.1	.03	3.0 **	.09	3.1	.03	
		2	Sometimes	304	23	7,324	24	2,272	24	1,998	23								
		3	Often	413	32	10,271	33	3,063	32	3,124	34								
		4	Very often	539	41	12,255	39	3,578	37	3,512	38								
		Total		1,321	100	31,313	100	9,550	100	9,040	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	8	1	555	2	188	2	171	2	3.2	3.1 ***	.22	3.1 ***	.22	3.0 ***	.28	
		2	Sometimes	189	15	6,179	21	1,954	21	1,897	22								
		3	Often	592	45	14,086	45	4,212	45	4,181	46								
		4	Very often	527	40	10,473	32	3,176	32	2,773	29								
		Total		1,316	100	31,293	100	9,530	100	9,022	100								
b. Reviewed your notes after class	LSnotes	1	Never	48	4	1,571	5	452	5	466	6	3.0	2.9 ***	.13	2.9 ***	.11	2.8 ***	.18	
		2	Sometimes	369	28	9,692	32	2,821	31	2,870	33								
		3	Often	459	35	10,503	34	3,220	34	3,050	34								
		4	Very often	438	34	9,481	29	3,021	30	2,628	27								
		Total		1,314	100	31,247	100	9,514	100	9,014	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	62	5	2,071	7	638	7	603	8	3.0	2.8 ***	.18	2.8 ***	.19	2.7 ***	.24	
		2	Sometimes	339	26	9,750	32	2,949	32	2,923	33								
		3	Often	499	38	11,165	36	3,331	36	3,250	36								
		4	Very often	396	31	7,952	25	2,507	25	2,155	22								
		Total		1,296	100	30,938	100	9,425	100	8,931	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	3	0	123	0	45	1	27	0	5.5	5.5	-.01	5.5	-.03	5.5	-.04	
		2		15	1	294	1	94	1	77	1								
		3		30	2	925	3	290	3	245	3								
		4		161	12	3,119	10	1,009	11	831	10								
		5		456	35	10,681	34	3,133	33	3,003	34								
		6		379	29	9,841	31	2,777	29	2,887	31								
		7	Very much	272	20	6,244	20	2,164	22	1,925	20								
		Total		1,316	100	31,227	100	9,512	100	8,995	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		65	5	2,334	8	903	10	625	8	9%	9%	.01	8%	.03	9%	.01	
		Do not plan to do		25	2	979	3	321	4	276	3								
		Plan to do		1,108	83	25,036	79	7,449	78	7,295	80								
		Done or in progress		120	9	2,856	9	832	8	796	9								
		Total		1,318	100	31,205	100	9,505	100	8,992	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your first-year students compared with							
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	365	28	7,170	24	2,576	27	1,974	23	9%	13% ***	-0.13	11% *	-0.07	16% ***	-0.19	
			Do not plan to do	218	17	5,290	18	1,978	22	1,315	16								
			Plan to do	599	45	14,341	45	3,834	39	4,263	45								
			Done or in progress	122	9	4,294	13	1,078	11	1,411	16								
			Total	1,304	100	31,095	100	9,466	100	8,963	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	405	31	7,909	26	2,521	28	2,148	25	11%	20% ***	-0.25	20% ***	-0.26	25% ***	-0.38	
			Do not plan to do	352	27	8,976	29	2,293	26	2,464	27								
			Plan to do	412	31	7,788	25	2,604	27	1,989	23								
			Done or in progress	139	11	6,370	20	2,038	20	2,352	25								
			Total	1,308	100	31,043	100	9,456	100	8,953	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	282	22	7,385	25	2,543	27	2,168	25	4%	4%	.00	4%	.01	4%	.00	
			Do not plan to do	251	20	6,076	22	2,138	24	1,741	21								
			Plan to do	721	54	16,290	49	4,381	45	4,644	50								
			Done or in progress	54	4	1,264	4	385	4	383	4								
			Total	1,308	100	31,015	100	9,447	100	8,936	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	477	36	10,373	33	3,314	35	3,211	36	4%	6% ***	-0.13	5% *	-0.08	6% ***	-0.13	
			Do not plan to do	278	21	6,329	20	2,054	22	1,912	22								
			Plan to do	499	39	12,276	40	3,506	38	3,198	36								
			Done or in progress	47	4	1,949	6	530	5	582	6								
			Total	1,301	100	30,927	100	9,404	100	8,903	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	372	28	9,248	30	2,883	31	2,689	32	3%	3%	-0.01	3%	.00	3%	.01	
			Do not plan to do	93	8	2,967	10	865	10	801	10								
			Plan to do	801	61	17,881	57	5,390	56	5,228	56								
			Done or in progress	34	3	834	3	269	3	204	3								
			Total	1,300	100	30,930	100	9,407	100	8,922	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	687	53	16,588	54	4,355	49	4,555	53	1.6	1.5	.02	1.6 *	-0.07	1.6	.00	
			2 Some	526	41	12,232	40	4,267	43	3,701	40								
			3 Most	69	5	1,644	5	616	6	517	6								
			4 All	17	1	335	1	117	1	112	1								
			Total	1,299	100	30,799	100	9,355	100	8,885	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple		Carnegie Class Peers		Urban Peers		Custom Peers	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	15	1	330	1	139	2	81	1	5.6	5.5	.02	5.5 **	.07	5.6	-.03	
		2		14	1	530	2	199	2	130	2								
		3		59	5	1,335	4	478	5	338	4								
		4		133	10	3,254	11	1,116	12	868	10								
		5		341	26	7,655	25	2,291	24	2,118	24								
		6		375	28	9,465	30	2,668	28	2,759	30								
		7	Excellent	368	28	8,442	27	2,537	26	2,638	28								
		—	Not applicable	5	1	104	0	50	1	35	0								
			Total	1,310	100	31,115	100	9,478	100	8,967	100								
b. Academic advisors	QIadvisor	1	Poor	50	4	925	3	389	5	223	3	5.1	5.2	-.05	5.1	.02	5.3 ***	-.13	
		2		72	5	1,440	5	515	5	358	4								
		3		102	8	2,436	8	785	8	631	7								
		4		192	14	4,335	14	1,294	14	1,183	13								
		5		282	21	6,620	21	1,941	20	1,895	21								
		6		270	21	6,916	22	1,911	20	2,012	22								
		7	Excellent	311	24	7,854	25	2,390	25	2,571	29								
		—	Not applicable	29	2	511	2	223	3	72	1								
			Total	1,308	100	31,037	100	9,448	100	8,945	100								
c. Faculty	QIfaculty	1	Poor	18	1	502	2	291	3	109	1	5.2	5.2	.01	5.0 ***	.11	5.2	-.04	
		2		45	3	940	3	425	4	253	3								
		3		86	7	1,954	7	740	8	507	6								
		4		212	16	4,718	15	1,472	16	1,311	15								
		5		356	27	8,456	27	2,423	26	2,440	27								
		6		341	26	8,676	28	2,334	25	2,544	28								
		7	Excellent	233	18	5,388	17	1,591	17	1,677	19								
		—	Not applicable	13	1	273	1	127	1	77	1								
			Total	1,304	100	30,907	100	9,403	100	8,918	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	52	4	1,030	4	505	5	260	3	4.8	5.0 *** ▽	-0.11	4.8	.00	5.1 *** ▽	-0.16	
		2		67	5	1,315	4	516	5	319	4								
		3		124	9	2,266	7	770	8	629	7								
		4		216	16	4,683	15	1,365	15	1,319	15								
		5		288	22	7,160	23	1,929	20	2,079	23								
		6		263	21	6,967	22	1,820	20	2,039	23								
		7	Excellent	194	15	5,320	17	1,548	16	1,663	18								
		—	Not applicable	100	8	2,211	8	968	11	612	8								
	Total	1,304	100	30,952	100	9,421	100	8,920	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	95	7	1,295	4	523	6	302	4	4.5	4.8 *** ▽	-0.20	4.7 *** ▽	-0.14	5.0 *** ▽	-0.30	
		2		99	8	1,647	5	593	6	405	4								
		3		142	10	2,535	8	849	9	651	7								
		4		225	17	4,975	16	1,514	17	1,362	16								
		5		265	20	6,929	22	1,943	20	2,056	22								
		6		204	16	6,140	20	1,772	19	1,900	21								
		7	Excellent	165	13	4,470	15	1,452	15	1,480	17								
		—	Not applicable	114	9	3,004	10	795	9	771	9								
	Total	1,309	100	30,995	100	9,441	100	8,927	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	21	2	373	1	143	2	98	1	3.2	3.2	-0.04	3.2	-0.04	3.2	-0.03	
		2	Some	227	18	4,527	16	1,417	16	1,276	16								
		3	Quite a bit	527	43	13,413	46	3,849	43	3,852	45								
		4	Very much	465	37	11,166	37	3,409	38	3,230	37								
			Total	1,240	100	29,479	100	8,818	100	8,456	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	46	4	846	3	311	4	204	3	3.1	3.1	.00	3.1	.03	3.1	-0.03	
		2	Some	237	19	5,463	19	1,685	20	1,551	19								
		3	Quite a bit	495	40	12,650	43	3,644	42	3,453	41								
		4	Very much	448	36	10,303	35	3,112	34	3,180	37								
			Total	1,226	100	29,262	100	8,752	100	8,388	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	69	6	1,330	5	473	6	405	5	3.1	3.1	.03	3.1	.03	3.1	.02	
		2	Some	196	16	5,183	18	1,500	18	1,449	18								
		3	Quite a bit	434	36	11,265	39	3,129	37	3,046	37								
		4	Very much	525	42	11,438	38	3,624	40	3,476	40								
			Total	1,224	100	29,216	100	8,726	100	8,376	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with																	
				Carnegie Class				Carnegie Class													
				Temple	Peers	Urban Peers	Custom Peers	Temple	Peers	Urban Peers	Custom Peers										
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	87	7	2,888	10	895	10	794	10	3.0	2.8 ***	.18	2.8 ***	.19	2.8 ***	.18			
		2	Some	294	24	8,348	28	2,434	28	2,440	29								Δ	Δ	Δ
		3	Quite a bit	415	34	10,144	35	2,992	35	2,822	34										
		4	Very much	430	34	7,889	27	2,435	27	2,349	27										
		Total		1,226	100	29,269	100	8,756	100	8,405	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	48	4	1,174	4	480	6	307	4	3.1	3.1	.02	3.0 *	.08	3.1	-.02			
		2	Some	260	21	5,908	21	1,920	22	1,592	20										
		3	Quite a bit	466	38	11,859	41	3,263	38	3,330	40								Δ		
		4	Very much	455	36	10,300	34	3,066	34	3,156	36										
		Total		1,229	100	29,241	100	8,729	100	8,385	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	66	6	1,359	5	527	6	404	5	3.1	3.0	.02	3.0 *	.07	3.0	.02			
		2	Some	247	20	6,036	21	1,863	22	1,734	21										
		3	Quite a bit	442	36	11,702	40	3,299	38	3,235	39								Δ		
		4	Very much	465	37	10,104	34	3,029	34	2,998	35										
		Total		1,220	100	29,201	100	8,718	100	8,371	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	230	19	5,635	20	1,758	21	1,466	18	2.5	2.4 *	.06	2.4 *	.06	2.4	.04			
		2	Some	415	34	10,724	37	2,974	34	3,150	37								Δ	Δ	
		3	Quite a bit	368	30	8,318	29	2,473	29	2,415	29										
		4	Very much	212	17	4,483	15	1,510	16	1,324	15										
		Total		1,225	100	29,160	100	8,715	100	8,355	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	75	7	1,456	5	714	8	371	5	3.0	3.0 *	.07	2.9 ***	.18	3.1	.00			
		2	Some	242	20	6,557	23	2,131	24	1,667	20								Δ	Δ	
		3	Quite a bit	429	35	11,716	40	3,239	38	3,329	41										
		4	Very much	474	38	9,385	32	2,599	30	2,970	35										
		Total		1,220	100	29,114	100	8,683	100	8,337	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	182	15	3,285	12	1,344	16	909	11	2.6	2.6	-.04	2.5	.04	2.6 *	-.07			
		2	Some	380	32	9,892	34	2,926	34	2,774	34										
		3	Quite a bit	408	33	10,148	35	2,692	31	2,935	35										
		4	Very much	246	20	5,747	19	1,698	19	1,716	20										
		Total		1,216	100	29,072	100	8,660	100	8,334	100										

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	6	1	135	1	55	1	27	0	13.8	15.3 *** ▽	-0.19	14.7 *** ▽	-0.10	15.4 *** ▽	-0.20
		3	1-5 hrs	183	15	2,939	11	1,195	14	824	11							
		8	6-10 hrs	304	25	6,253	22	2,041	23	1,710	21							
		13	11-15 hrs	275	22	6,485	22	1,843	21	1,888	22							
		18	16-20 hrs	230	19	5,856	19	1,513	17	1,693	20							
		23	21-25 hrs	114	9	3,639	12	949	11	1,092	13							
		28	26-30 hrs	47	4	1,924	6	540	6	574	7							
		33	More than 30 hrs	68	6	1,981	7	593	7	582	7							
		Total			1,227	100	29,212	100	8,729	100	8,390	100						
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	383	31	6,851	25	3,203	38	1,603	22	5.4	6.1 *** ▽	-0.11	4.9 ** △	.08	6.7 *** ▽	-0.19
		3	1-5 hrs	436	36	10,349	35	2,828	31	2,955	34							
		8	6-10 hrs	202	16	5,827	20	1,305	15	1,833	21							
		13	11-15 hrs	94	8	3,081	10	678	8	974	11							
		18	16-20 hrs	62	5	1,666	6	369	4	526	6							
		23	21-25 hrs	17	1	686	2	167	2	255	3							
		28	26-30 hrs	11	1	254	1	46	1	98	1							
		33	More than 30 hrs	15	1	350	1	83	1	113	1							
		Total			1,220	100	29,064	100	8,679	100	8,357	100						
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,040	84	22,701	78	7,349	84	6,505	79	2.2	2.5	-0.05	1.9	.05	2.6	-0.06
		3	1-5 hrs	27	2	1,010	3	196	2	283	3							
		8	6-10 hrs	57	5	2,208	7	377	4	599	7							
		13	11-15 hrs	37	3	1,774	6	390	4	544	6							
		18	16-20 hrs	31	3	964	4	273	3	289	4							
		23	21-25 hrs	12	1	283	1	69	1	93	1							
		28	26-30 hrs	6	1	81	0	27	0	25	0							
		33	More than 30 hrs	14	1	113	0	28	0	33	0							
		Total			1,224	100	29,134	100	8,709	100	8,371	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with														
				Temple				Carnegie Class										
				Peers		Urban Peers		Custom Peers		Peers		Urban Peers		Custom Peers				
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	901	73	22,133	76	5,855	68	6,372	76	3.7	3.4	.04	5.2 ***	-0.16	3.6	.02
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	65	5	1,369	5	435	5	385	4							
	8	6-10 hrs	72	6	1,399	5	477	5	357	4								
	13	11-15 hrs	53	4	1,320	4	478	5	347	4								
	18	16-20 hrs	61	5	1,290	5	560	6	407	5								
	23	21-25 hrs	27	2	777	3	398	4	246	3								
	28	26-30 hrs	20	2	389	1	221	2	106	1								
	33	More than 30 hrs	17	2	370	1	249	3	125	2								
Total				1,216	100	29,047	100	8,673	100	8,345	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									5.8	5.9	.00	7.1 ***	-0.12	6.1	-0.02
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	733	61	15,286	54	4,494	55	4,181	52	2.4	2.5	-0.01	2.6	-0.03	2.6	-0.03
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	332	27	10,199	34	2,985	33	3,178	36							
	8	6-10 hrs	74	6	1,830	6	582	6	503	6								
	13	11-15 hrs	37	3	781	3	276	3	214	3								
	18	16-20 hrs	21	2	453	2	142	2	115	2								
	23	21-25 hrs	7	1	196	1	60	1	71	1								
	28	26-30 hrs	5	0	53	0	18	0	17	0								
	33	More than 30 hrs	3	0	78	0	32	0	25	0								
Total				1,212	100	28,876	100	8,589	100	8,304	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	9	1	333	1	158	2	85	1	13.4	12.8 *	.07	12.4 ***	.11	12.9	.06
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	222	18	5,024	17	1,895	21	1,434	17							
	8	6-10 hrs	324	26	8,257	28	2,365	27	2,380	28								
	13	11-15 hrs	252	21	6,550	22	1,749	20	1,896	23								
	18	16-20 hrs	188	16	4,215	15	1,115	13	1,206	15								
	23	21-25 hrs	92	8	2,116	7	583	7	606	7								
	28	26-30 hrs	41	3	893	3	277	3	273	4								
	33	More than 30 hrs	90	8	1,573	6	492	6	425	6								
Total				1,218	100	28,961	100	8,634	100	8,305	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your first-year students compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	940	77	24,005	82	6,319	73	7,032	83	2.2	1.7 *** ▲	.12	2.5	-.04	1.7 **	.11
	(<i>Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	133	11	2,420	9	1,158	13	606	7							
	8	6-10 hrs	67	6	1,003	4	481	6	247	3								
	13	11-15 hrs	27	2	612	2	296	3	159	2								
	18	16-20 hrs	16	2	432	2	166	2	115	2								
	23	21-25 hrs	8	1	210	1	60	1	71	1								
	28	26-30 hrs	7	1	72	0	31	0	20	0								
	33	More than 30 hrs	15	2	194	1	120	2	62	1								
	Total		1,213	100	28,948	100	8,631	100	8,312	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	644	52	10,761	36	2,412	28	3,490	40	3.6	3.9	-.05	4.7 ***	-0.18	3.6	.00
	(<i>Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	322	26	12,189	41	3,794	44	3,396	41							
	8	6-10 hrs	132	11	3,648	13	1,466	17	851	11								
	13	11-15 hrs	56	4	1,300	5	536	6	304	4								
	18	16-20 hrs	33	3	613	2	248	3	144	2								
	23	21-25 hrs	14	1	255	1	84	1	74	1								
	28	26-30 hrs	7	1	101	0	47	1	30	0								
	33	More than 30 hrs	13	1	196	1	89	1	57	1								
	Total		1,221	100	29,063	100	8,676	100	8,346	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	70	6	3,860	14	1,162	13	1,299	16	3.0	2.6 *** ▲	.35	2.7 ***	.30	2.6 ***	.41	
	2	Some	348	29	9,911	36	2,841	34	2,886	36								
	3	About half	384	32	8,090	27	2,514	29	2,248	27								
	4	Most	288	23	5,273	17	1,560	18	1,416	16								
	5	Almost all	127	10	1,844	6	564	6	484	5								
	Total		1,217	100	28,978	100	8,641	100	8,333	100								
tmreadinghrs	(<i>Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90</i>)											7.0	6.6 ** ▲	.08	6.4 **	.10	6.4 **	.10

*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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class						Your first-year students compared with								
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
	tmreadinghrscol	1	0 hrs	6	1	125	1	47	1	24	0							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	567	47	14,140	51	4,472	52	4,168	52							
		3	More than 5, up to 10 hrs	394	32	8,707	29	2,467	29	2,459	29							
		4	More than 10, up to 15 hrs	120	10	3,046	10	789	9	836	10							
		5	More than 15, up to 20 hrs	71	6	1,524	5	444	5	439	5							
		6	More than 20, up to 25 hrs	38	3	961	3	271	3	265	3							
		7	More than 25 hrs	17	1	337	1	106	1	100	1							
		Total		1,213	100	28,840	100	8,596	100	8,291	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	80	7	2,893	11	735	9	906	11	2.9	2.7 ***	.24	2.8 ***	.12	2.6 ***	.30						
		2	Some	273	23	8,550	30	2,326	27	2,601	32								△			△		
		3	Quite a bit	534	43	11,367	39	3,430	40	3,180	38											△		▲
		4	Very much	333	27	6,236	21	2,175	24	1,644	19											△		
		Total		1,220	100	29,046	100	8,666	100	8,331	100													
b. Speaking clearly and effectively	pgspeak	1	Very little	150	13	3,988	15	933	11	1,085	14	2.7	2.5 ***	.14	2.7	-.02	2.5 ***	.15						
		2	Some	352	29	9,570	34	2,531	30	2,824	35								△			△		
		3	Quite a bit	455	37	10,132	34	3,263	38	2,899	34											△		
		4	Very much	261	22	5,253	18	1,917	21	1,495	17											△		
		Total		1,218	100	28,943	100	8,644	100	8,303	100													
c. Thinking critically and analytically	pgthink	1	Very little	35	3	964	4	310	4	258	4	3.1	3.0 **	.09	3.1 *	.06	3.1 **	.08						
		2	Some	203	17	5,721	20	1,603	19	1,607	20								△			△		△
		3	Quite a bit	537	44	12,791	44	3,755	43	3,638	43											△		
		4	Very much	435	36	9,480	32	2,967	34	2,791	33											△		
		Total		1,210	100	28,956	100	8,635	100	8,294	100													
d. Analyzing numerical and statistical information	pganalyze	1	Very little	197	16	3,625	12	961	11	978	11	2.6	2.7 *	-.07	2.7 **	-.10	2.7 **	-.09						
		2	Some	345	28	8,766	30	2,539	29	2,495	30								▽			▽		▽
		3	Quite a bit	403	33	10,216	36	3,140	37	2,946	36											▽		
		4	Very much	268	23	6,323	22	1,987	23	1,885	23											▽		
		Total		1,213	100	28,930	100	8,627	100	8,304	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your first-year students compared with</i>							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple		Carnegie Class Peers		Urban Peers		Custom Peers	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	166	14	3,808	14	1,341	17	908	12	2.6	2.6	.04	2.6 **	.09	2.7	-.03	
		2	Some	370	30	9,317	32	2,666	31	2,547	31								
		3	Quite a bit	401	33	9,846	34	2,792	32	2,924	35								
		4	Very much	275	23	5,965	20	1,833	20	1,925	22								
		Total		1,212	100	28,936	100	8,632	100	8,304	100								
f. Working effectively with others	pgothers	1	Very little	82	7	2,002	8	544	7	485	7	2.8	2.8	.04	2.8	.00	2.8	-.01	
		2	Some	348	29	8,147	29	2,232	27	2,163	27								
		3	Quite a bit	449	37	11,644	40	3,499	40	3,401	40								
		4	Very much	328	27	7,103	24	2,340	26	2,236	26								
		Total		1,207	100	28,896	100	8,615	100	8,285	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	129	11	3,836	14	1,132	14	994	13	2.8	2.6 ***	.16	2.6 ***	.14	2.7 ***	.13	
		2	Some	311	25	8,544	30	2,507	30	2,387	30								
		3	Quite a bit	456	38	10,248	35	2,991	34	2,993	35								
		4	Very much	315	26	6,272	21	2,000	22	1,920	22								
		Total		1,211	100	28,900	100	8,630	100	8,294	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	61	6	2,798	10	864	11	817	11	3.0	2.7 ***	.29	2.8 ***	.26	2.7 ***	.32	
		2	Some	268	22	8,300	29	2,306	27	2,433	30								
		3	Quite a bit	446	37	10,661	36	3,189	36	2,994	36								
		4	Very much	437	36	7,174	24	2,260	26	2,048	24								
		Total		1,212	100	28,933	100	8,619	100	8,292	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	129	11	3,304	12	1,084	13	895	12	2.7	2.6 **	.08	2.6 ***	.10	2.6 *	.07	
		2	Some	384	31	9,583	33	2,772	33	2,677	33								
		3	Quite a bit	418	34	10,274	35	3,004	34	2,994	35								
		4	Very much	281	23	5,750	20	1,758	20	1,728	20								
		Total		1,212	100	28,911	100	8,618	100	8,294	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	109	10	3,674	13	1,182	14	996	13	2.8	2.6 ***	.18	2.6 ***	.19	2.6 ***	.17	
		2	Some	356	29	9,470	33	2,832	33	2,674	33								
		3	Quite a bit	434	36	10,007	34	2,844	33	2,944	35								
		4	Very much	306	25	5,630	19	1,737	20	1,638	19								
		Total		1,205	100	28,781	100	8,595	100	8,252	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 2016 Frequencies and Statistical Comparisons

Temple University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Your first-year students compared with			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	8	1	403	2	134	2	93	1	3.3	3.2 **	.08	3.2 ***	.16	3.3	-.01	
		2	Fair	130	11	3,102	11	1,097	13	763	10								
		3	Good	580	47	14,273	49	4,497	51	3,794	46								
		4	Excellent	499	41	11,296	38	2,962	34	3,693	42								
			Total	1,217	100	29,074	100	8,690	100	8,343	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	24	2	766	3	283	4	186	2	3.4	3.3 ***	.14	3.2 ***	.21	3.3	.05	
		2	Probably no	97	8	3,111	11	1,070	12	773	10								
		3	Probably yes	475	39	11,926	42	3,795	44	3,072	38								
		4	Definitely yes	623	51	13,309	45	3,561	41	4,314	50								
			Total	1,219	100	29,112	100	8,709	100	8,345	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	42	2	1,515	4	638	4	428	3	3.1	3.0 ***	.15	3.0 ***	.14	3.0 ***	.12
		2	Sometimes	489	24	14,262	30	5,251	30	4,319	29							
		3	Often	683	35	15,521	32	5,618	31	5,090	32							
		4	Very often	798	39	17,170	35	6,362	35	5,690	35							
		Total		2,012	100	48,468	100	17,869	100	15,527	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	409	20	11,975	25	3,847	23	3,751	24	2.4	2.3 ***	.11	2.4	.03	2.3 ***	.10
		2	Sometimes	717	36	17,514	36	6,268	35	5,726	37							
		3	Often	536	27	11,305	24	4,360	24	3,599	24							
		4	Very often	340	17	7,263	15	3,247	18	2,294	15							
		Total		2,002	100	48,057	100	17,722	100	15,370	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	150	8	4,006	9	1,429	8	1,175	8	2.9	2.8 *	.06	2.9	.00	2.9	.01
		2	Often	329	16	8,793	18	2,886	16	2,651	17							
		3	Sometimes	1,110	56	26,272	54	9,606	54	8,511	55							
		4	Never	394	20	8,772	19	3,710	21	2,974	20							
		Total		1,983	100	47,843	100	17,631	100	15,311	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	833	43	19,380	43	8,326	48	5,961	42	1.9	1.8	.04	1.7 ***	.14	1.8	.03
		2	Sometimes	703	35	18,739	38	6,229	35	6,055	38							
		3	Often	257	13	5,954	12	1,821	10	2,094	13							
		4	Very often	180	9	3,490	7	1,108	6	1,115	7							
		Total		1,973	100	47,563	100	17,484	100	15,225	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	219	12	5,248	12	2,276	14	1,552	11	2.4	2.5 *	-.05	2.4	.01	2.5 ***	-.10
		2	Sometimes	914	46	20,013	42	7,539	43	6,268	41							
		3	Often	563	29	14,377	29	4,921	28	4,788	31							
		4	Very often	271	14	7,823	16	2,697	15	2,596	17							
		Total		1,967	100	47,461	100	17,433	100	15,204	100							
f. Explained course material to one or more students	CLexplain	1	Never	71	4	1,964	5	878	6	581	4	2.7	2.8 **	-.07	2.7	-.02	2.8 ***	-.11
		2	Sometimes	758	38	16,049	34	6,128	35	4,953	33							
		3	Often	765	39	18,609	39	6,659	38	6,099	40							
		4	Very often	363	19	10,687	22	3,714	21	3,514	23							
		Total		1,957	100	47,309	100	17,379	100	15,147	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	285	15	7,172	16	2,956	18	2,155	15	2.5	2.5	-.02	2.5 *	.05	2.6 **	-.07
		2	Sometimes	752	38	16,462	35	6,197	36	5,078	34							
		3	Often	561	29	13,556	28	4,717	26	4,498	29							
		4	Very often	360	18	10,035	21	3,460	19	3,381	22							
		Total		1,958	100	47,225	100	17,330	100	15,112	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	86	4	2,604	6	1,164	8	758	5	2.9	2.9	.02	2.8 ***	.08	2.9	-.03
		2	Sometimes	573	29	13,282	29	4,974	29	4,005	27							
		3	Often	712	36	16,381	35	5,943	34	5,390	36							
		4	Very often	580	30	14,830	31	5,186	29	4,909	32							
		Total		1,951	100	47,097	100	17,267	100	15,062	100							
i. Given a course presentation	present	1	Never	167	9	5,079	12	2,170	14	1,543	12	2.8	2.6 ***	.19	2.6 ***	.21	2.6 ***	.16
		2	Sometimes	592	31	16,250	35	5,738	34	5,097	34							
		3	Often	641	33	14,708	31	5,232	30	4,798	31							
		4	Very often	552	28	10,798	22	4,000	22	3,566	23							
		Total		1,952	100	46,835	100	17,140	100	15,004	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	51	3	1,240	3	553	4	370	3	3.0	3.0 *	.06	3.0 **	.08	3.0 **	.07
		2	Sometimes	461	25	11,785	27	4,345	27	3,812	27							
		3	Often	749	40	18,564	40	6,568	39	5,987	40							
		4	Very often	635	33	14,271	30	5,265	30	4,486	30							
		Total		1,896	100	45,860	100	16,731	100	14,655	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	99	6	3,092	8	1,260	9	961	8	2.9	2.8 ***	.13	2.8 ***	.12	2.7 ***	.16
		2	Sometimes	534	29	14,485	33	5,108	31	4,752	34							
		3	Often	698	37	16,231	35	5,759	35	5,254	36							
		4	Very often	548	28	11,742	24	4,476	25	3,602	23							
		Total		1,879	100	45,550	100	16,603	100	14,569	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	164	9	6,089	15	2,402	16	1,999	16	2.7	2.5 ***	.21	2.6 ***	.19	2.5 ***	.26
		2	Sometimes	593	32	16,088	36	5,491	34	5,269	37							
		3	Often	626	33	13,583	29	4,867	29	4,321	29							
		4	Very often	500	25	9,662	20	3,793	21	2,926	19							
		Total		1,883	100	45,422	100	16,553	100	14,515	100							

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	77	4	2,415	6	884	6	749	6	2.9	2.8 ***	.12	2.8 ***	.10	2.8 ***	.15			
		2	Sometimes	512	27	14,227	32	5,103	31	4,705	33								Δ	Δ	Δ
		3	Often	806	43	18,091	40	6,452	39	5,782	40										
		4	Very often	484	26	10,502	23	4,046	24	3,217	21										
		Total		1,879	100	45,235	100	16,485	100	14,453	100										
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	46	3	1,666	4	651	4	509	4	3.0	2.9 ***	.12	2.9 ***	.09	2.9 ***	.15			
		2	Sometimes	441	24	12,510	28	4,332	27	4,128	30								Δ	Δ	Δ
		3	Often	811	43	18,528	41	6,628	41	5,892	41										
		4	Very often	568	30	12,383	27	4,797	28	3,874	26										
		Total		1,866	100	45,087	100	16,408	100	14,403	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	38	2	1,034	3	415	3	328	3	3.0	2.9 ***	.10	2.9 ***	.09	2.9 ***	.13			
		2	Sometimes	449	25	12,789	29	4,599	29	4,188	30								Δ	Δ	Δ
		3	Often	826	44	19,001	42	6,687	41	6,113	42										
		4	Very often	547	29	12,129	26	4,654	27	3,728	25										
		Total		1,860	100	44,953	100	16,355	100	14,357	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	17	1	488	1	198	1	148	1	3.2	3.2	.02	3.2	.00	3.2	.04			
		2	Sometimes	284	16	7,457	17	2,714	17	2,372	18										
		3	Often	845	46	19,377	43	6,834	42	6,362	45										
		4	Very often	703	37	17,435	38	6,532	39	5,427	36										
		Total		1,849	100	44,757	100	16,278	100	14,309	100										
3. During the current school year, about how often have you done the following?																					
a. Talked about career plans with a faculty member	SFcareer	1	Never	308	17	7,947	20	3,465	23	2,330	18	2.4	2.3 ***	.10	2.3 ***	.19	2.4	.05			
		2	Sometimes	729	39	18,592	42	6,819	42	5,728	40								Δ	Δ	
		3	Often	480	26	10,940	23	3,587	21	3,662	24										
		4	Very often	331	18	7,324	15	2,410	14	2,568	17										
		Total		1,848	100	44,803	100	16,281	100	14,288	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	793	43	18,906	44	7,933	50	5,600	42	2.0	1.9 *	.06	1.8 ***	.17	2.0	.01			
		2	Sometimes	519	28	13,411	29	4,439	27	4,396	29								Δ	Δ	
		3	Often	290	16	7,274	16	2,266	14	2,526	17										
		4	Very often	241	13	5,062	11	1,583	9	1,733	11										
		Total		1,843	100	44,653	100	16,221	100	14,255	100										

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with									
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	446	24	11,583	27	4,871	32	3,419	26	2.2	2.1 ***	.11	2.1 ***	.19	2.2 **	.07			
		2	Sometimes	755	41	19,123	42	6,688	41	6,003	41								△	△	△
		3	Often	418	23	9,086	20	3,005	18	3,157	22										
		4	Very often	218	12	4,815	10	1,627	9	1,647	11										
		Total		1,837	100	44,607	100	16,191	100	14,226	100										
d. Discussed your academic performance with a faculty member	SFperform	1	Never	372	20	11,328	27	4,365	29	3,333	25	2.3	2.1 ***	.18	2.1 ***	.21	2.1 ***	.12			
		2	Sometimes	818	45	20,238	45	7,216	44	6,429	45								△	△	△
		3	Often	431	24	8,720	19	3,069	18	3,017	21										
		4	Very often	207	11	4,236	9	1,520	9	1,421	9										
		Total		1,828	100	44,522	100	16,170	100	14,200	100										
4. During the current school year, how much has your coursework emphasized the following?																					
a. Memorizing course material	memorize	1	Very little	130	7	3,358	8	1,198	8	1,193	9	2.8	2.8 *	.06	2.8	.04	2.7 ***	.11			
		2	Some	500	27	13,127	30	4,680	29	4,383	31								△	△	△
		3	Quite a bit	758	42	17,108	38	6,085	38	5,396	38										
		4	Very much	463	25	11,038	24	4,233	25	3,265	23										
		Total		1,851	100	44,631	100	16,196	100	14,237	100										
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	53	3	1,365	3	525	3	422	3	3.1	3.1	.01	3.1	-.02	3.1	.00			
		2	Some	376	20	8,397	19	2,873	18	2,664	19										
		3	Quite a bit	761	41	19,285	43	6,792	42	6,159	43										
		4	Very much	657	35	15,427	34	5,947	36	4,942	35										
		Total		1,847	100	44,474	100	16,137	100	14,187	100										
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	57	3	1,756	4	607	4	597	4	3.1	3.0 ***	.09	3.1 *	.05	3.0 ***	.10			
		2	Some	366	20	9,443	22	3,215	20	3,017	22								△	△	△
		3	Quite a bit	717	39	18,020	40	6,382	39	5,767	40										
		4	Very much	697	38	15,077	34	5,900	36	4,733	34										
		Total		1,837	100	44,296	100	16,104	100	14,114	100										
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	72	4	3,111	8	1,070	7	1,005	8	3.0	2.8 ***	.20	2.9 ***	.15	2.8 ***	.21			
		2	Some	397	22	11,762	27	3,934	25	3,827	27								△	△	△
		3	Quite a bit	760	42	17,352	39	6,326	39	5,525	39										
		4	Very much	605	32	12,045	27	4,753	28	3,751	26										
		Total		1,834	100	44,270	100	16,083	100	14,108	100										

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with									
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	77	4	2,540	6	892	6	831	6	3.0	2.9 ***	.10	2.9 *	.06	2.9 ***	.11			
		2	Some	437	24	11,307	26	3,868	25	3,624	26								Δ	Δ	Δ
		3	Quite a bit	750	42	18,015	41	6,410	40	5,773	41										
		4	Very much	564	30	12,331	27	4,869	29	3,850	27										
		Total		1,828	100	44,193	100	16,039	100	14,078	100										
5. During the current school year, to what extent have your instructors done the following?																					
a. Clearly explained course goals and requirements	ETgoals	1	Very little	28	2	910	2	396	3	337	3	3.2	3.1	.03	3.1	.02	3.1 **	.07			
		2	Some	322	18	7,628	17	2,809	17	2,539	18										
		3	Quite a bit	807	44	20,263	45	6,910	43	6,475	45										
		4	Very much	685	37	15,660	35	6,053	37	4,821	34										Δ
		Total		1,842	100	44,461	100	16,168	100	14,172	100										
b. Taught course sessions in an organized way	ETorganize	1	Very little	41	2	1,086	3	515	3	378	3	3.1	3.1	-.02	3.1	-.02	3.1	.01			
		2	Some	393	21	8,233	19	3,136	19	2,655	19										
		3	Quite a bit	810	44	20,844	46	7,006	44	6,658	46										
		4	Very much	593	32	14,213	32	5,469	34	4,456	32										
		Total		1,837	100	44,376	100	16,126	100	14,147	100										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	41	2	1,275	3	555	4	427	3	3.1	3.1	.02	3.1	.02	3.1	.03			
		2	Some	365	20	8,185	19	3,080	19	2,575	19										
		3	Quite a bit	749	41	18,838	42	6,379	40	6,081	42										
		4	Very much	677	37	15,957	36	6,083	37	5,036	36										
		Total		1,832	100	44,255	100	16,097	100	14,119	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	136	7	5,574	13	2,050	14	1,714	13	2.9	2.6 ***	.26	2.6 ***	.24	2.7 ***	.24			
		2	Some	472	26	14,116	32	4,922	31	4,494	32								Δ	Δ	Δ
		3	Quite a bit	685	38	14,469	32	5,127	31	4,637	32										
		4	Very much	542	29	10,102	22	3,974	24	3,268	23										
		Total		1,835	100	44,261	100	16,073	100	14,113	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	122	7	3,684	9	1,531	10	1,205	9	2.9	2.7 ***	.13	2.7 ***	.12	2.7 ***	.13			
		2	Some	501	28	13,519	31	4,723	30	4,279	30								Δ	Δ	Δ
		3	Quite a bit	719	40	16,921	38	5,896	37	5,444	38										
		4	Very much	480	26	9,969	23	3,888	24	3,133	23										
		Total		1,822	100	44,093	100	16,038	100	14,061	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	240	12	4,961	11	1,898	11	1,560	11	2.7	2.7 *	-0.05	2.7	-0.03	2.7 *	-0.05
		2	Sometimes	579	31	14,207	32	5,093	32	4,457	31							
		3	Often	641	35	14,941	34	5,468	34	4,862	34							
		4	Very often	378	21	10,268	24	3,656	23	3,267	24							
		Total		1,838	100	44,377	100	16,115	100	14,146	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	313	17	8,182	19	3,078	19	2,612	19	2.5	2.4 *	.06	2.4 *	.06	2.4 **	.07
		2	Sometimes	627	34	15,913	36	5,652	35	5,084	36							
		3	Often	576	32	12,406	28	4,453	28	3,998	28							
		4	Very often	317	18	7,831	18	2,909	18	2,437	17							
		Total		1,833	100	44,332	100	16,092	100	14,131	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	305	16	6,665	15	2,711	17	2,141	16	2.5	2.5	.00	2.5	.03	2.5	.01
		2	Sometimes	651	35	16,384	37	5,911	37	5,236	37							
		3	Often	572	32	13,658	31	4,755	30	4,441	31							
		4	Very often	306	17	7,521	17	2,672	17	2,277	16							
		Total		1,834	100	44,228	100	16,049	100	14,095	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	72	5	2,478	7	1,028	8	815	7	7.8	7.2 ***	.10	6.9 ***	.14	6.8 ***	.16
		1.5	1-2	263	16	8,163	21	3,060	21	2,710	22							
		4	3-5	482	29	11,560	28	4,163	29	3,731	29							
		8	6-10	407	24	8,916	21	3,036	21	2,816	21							
		13	11-15	209	12	4,308	10	1,379	9	1,328	9							
		18	16-20	99	5	2,352	5	763	5	724	5							
		23	More than 20	141	8	3,197	8	1,091	7	897	6							
Total		1,673	100	40,974	100	14,520	100	13,021	100									
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	332	21	9,301	24	3,457	25	3,063	26	3.4	3.2	.05	3.3	.03	3.1 ***	.09
		1.5	1-2	613	36	14,615	36	5,118	36	4,725	37							
		4	3-5	444	27	10,034	24	3,305	22	3,126	23							
		8	6-10	182	11	4,282	10	1,540	11	1,286	10							
		13	11-15	58	3	1,294	3	484	3	397	3							
		18	16-20	17	1	518	1	182	1	152	1							
		23	More than 20	24	2	441	1	201	1	124	1							
Total		1,670	100	40,485	100	14,287	100	12,873	100									

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with							
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	764	48	18,250	47	6,646	48	5,878	48	1.9	1.8	.01	1.9	-.01	1.8	.02	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	581	35	14,439	35	4,768	33	4,643	35								
		4	3-5	176	11	4,415	11	1,556	11	1,341	10								
		8	6-10	52	3	1,479	4	536	4	450	4								
		13	11-15	27	2	671	2	253	2	224	2								
		18	16-20	11	1	278	1	113	1	81	1								
		23	More than 20	22	1	376	1	181	1	103	1								
		Total		1,633	100	39,908	100	14,053	100	12,720	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									76.7	72.7	.05	72.6	.05	69.5 **	.09	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	45	3	1,631	4	676	5	574	5	3.3	3.2 ***	.17	3.2 ***	.12	3.1 ***	.23	
		2	Sometimes	250	15	8,918	21	2,742	19	3,102	23								
		3	Often	507	30	12,208	29	4,141	28	3,969	29								
		4	Very often	918	52	19,028	46	7,358	49	5,617	43								
			Total	1,720	100	41,785	100	14,917	100	13,262	100								
b. People from an economic background other than your own	DDeconomic	1	Never	36	2	1,461	4	675	5	445	4	3.2	3.1 ***	.11	3.1 ***	.09	3.1 ***	.13	
		2	Sometimes	319	19	8,868	21	2,897	20	2,961	23								
		3	Often	561	32	13,929	33	4,674	31	4,496	33								
		4	Very often	800	46	17,434	42	6,610	44	5,339	41								
			Total	1,716	100	41,692	100	14,856	100	13,241	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	66	4	1,871	5	874	6	601	5	3.2	3.1 **	.07	3.1 **	.07	3.1 ***	.11	
		2	Sometimes	326	19	9,167	22	3,118	21	3,196	24								
		3	Often	538	32	12,867	31	4,383	30	4,078	30								
		4	Very often	784	45	17,733	42	6,478	43	5,335	41								
			Total	1,714	100	41,638	100	14,853	100	13,210	100								
d. People with political views other than your own	DDpolitical	1	Never	74	5	1,906	5	892	6	565	5	3.1	3.1	-.01	3.1	.00	3.1	-.02	
		2	Sometimes	416	24	9,547	23	3,222	22	2,932	23								
		3	Often	534	32	13,355	32	4,533	31	4,369	32								
		4	Very often	682	40	16,686	40	6,127	41	5,316	40								
			Total	1,706	100	41,494	100	14,774	100	13,182	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple		Carnegie Class Peers		Urban Peers		Custom Peers	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	20	1	1,053	3	358	3	355	3	3.2	3.1 ***	.11	3.2 *	.05	3.1 ***	.16	
		2	Sometimes	262	16	7,529	19	2,434	17	2,564	20								
		3	Often	708	42	16,686	40	5,735	39	5,379	41								
		4	Very often	717	42	16,300	38	6,285	41	4,887	36								
		Total		1,707	100	41,568	100	14,812	100	13,185	100								
b. Reviewed your notes after class	LSnotes	1	Never	93	6	3,570	9	987	7	1,157	9	2.9	2.8 ***	.12	2.9	.01	2.8 ***	.14	
		2	Sometimes	516	30	13,837	33	4,326	30	4,407	34								
		3	Often	578	34	12,516	30	4,657	31	4,014	30								
		4	Very often	517	30	11,521	28	4,807	32	3,579	27								
		Total		1,704	100	41,444	100	14,777	100	13,157	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	110	6	3,341	8	1,102	8	1,089	9	2.9	2.8 ***	.10	2.8	.03	2.8 ***	.11	
		2	Sometimes	460	28	12,745	31	4,135	28	3,998	31								
		3	Often	634	38	14,077	34	5,001	34	4,589	35								
		4	Very often	486	28	10,911	26	4,392	29	3,345	25								
		Total		1,690	100	41,074	100	14,630	100	13,021	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	12	1	280	1	107	1	102	1	5.5	5.5	.03	5.6	-.04	5.5	.02	
		2		20	1	573	2	206	2	176	1								
		3		61	4	1,418	4	474	3	429	3								
		4		173	10	4,156	10	1,363	10	1,276	10								
		5		525	30	13,072	31	4,153	28	4,115	30								
		6		465	28	12,685	30	4,447	30	4,081	31								
		7	Very much	440	26	9,216	23	4,009	27	2,951	23								
		Total		1,696	100	41,400	100	14,759	100	13,130	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		112	7	2,718	7	1,193	9	801	7	57%	54% **	.07	48% ***	.18	58%	-.01	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	177	11	6,244	16	2,321	16	1,860	15								
		Plan to do	407	25	8,930	23	3,873	27	2,474	20									
		Done or in progress	1,004	57	23,546	54	7,373	48	7,992	58									
		Total	1,700	100	41,438	100	14,760	100	13,127	100									

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers	Custom Peers		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	200	12	3,393	9	1,672	12	978	9	32%	40% ***	-0.18	32%	.00	44% ***	-0.26
			Do not plan to do	775	46	17,083	43	7,037	48	4,946	40							
			Plan to do	158	10	3,087	8	1,279	9	903	7							
			Done or in progress	559	32	17,776	40	4,729	32	6,266	44							
			Total	1,692	100	41,339	100	14,717	100	13,093	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	14	4,092	10	1,834	13	1,259	10	21%	25% ***	-0.09	23% *	-0.06	28% ***	-0.16
			Do not plan to do	896	52	23,199	56	7,753	54	7,085	54							
			Plan to do	195	12	3,258	8	1,412	10	943	8							
			Done or in progress	371	21	10,729	25	3,676	23	3,800	28							
			Total	1,689	100	41,278	100	14,675	100	13,087	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	172	11	3,872	10	1,883	13	1,121	9	15%	17% **	-0.08	13%	.04	20% ***	-0.14
			Do not plan to do	1,125	67	25,967	65	9,381	65	7,962	63							
			Plan to do	130	8	3,061	8	1,373	9	950	7							
			Done or in progress	263	15	8,305	17	2,035	13	3,015	20							
			Total	1,690	100	41,205	100	14,672	100	13,048	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	261	16	5,062	13	2,372	16	1,622	13	20%	27% ***	-0.15	21%	-0.02	28% ***	-0.18
			Do not plan to do	853	50	19,232	47	6,756	47	5,932	46							
			Plan to do	229	14	5,204	13	2,284	16	1,600	13							
			Done or in progress	339	20	11,620	27	3,211	21	3,885	28							
			Total	1,682	100	41,118	100	14,623	100	13,039	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	90	5	3,077	8	1,427	10	891	8	56%	44% ***	.24	39% ***	.34	45% ***	.23
			Do not plan to do	165	10	10,186	25	3,184	23	2,909	23							
			Plan to do	464	28	8,985	23	3,991	28	3,045	24							
			Done or in progress	967	56	18,983	44	6,054	39	6,222	45							
			Total	1,686	100	41,231	100	14,656	100	13,067	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	741	45	18,919	48	6,062	45	6,047	48	1.7	1.6 ***	.12	1.7	.05	1.6 ***	.11
			2 Some	747	44	18,977	44	7,089	46	5,943	44							
			3 Most	160	9	2,767	6	1,259	8	907	7							
			4 All	37	2	480	1	224	1	151	1							
			Total	1,685	100	41,143	100	14,634	100	13,048	100							

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	18	1	474	1	169	1	142	1	5.7	5.6	.05	5.6 *	.05	5.7	-.01	
		2		20	1	617	2	260	2	157	1								
		3		59	4	1,691	4	627	4	497	4								
		4		164	10	3,726	9	1,389	9	1,074	8								
		5		385	22	9,846	24	3,350	23	3,042	23								
		6		509	30	12,532	30	4,279	29	3,991	30								
		7	Excellent	535	32	12,181	30	4,503	30	4,103	32								
		—	Not applicable	6	0	270	1	151	1	89	1								
			Total	1,696	100	41,337	100	14,728	100	13,095	100								
b. Academic advisors	QIadvisor	1	Poor	103	7	2,164	5	824	6	636	5	4.8	5.0 ***	-.12	5.0 ***	-.12	5.1 ***	-.17	
		2		117	7	2,478	6	896	6	731	5								
		3		177	10	3,570	9	1,209	8	1,098	8								
		4		250	14	5,442	13	1,897	13	1,688	13								
		5		333	20	7,856	19	2,669	18	2,430	18								
		6		307	18	8,331	20	2,955	20	2,685	20								
		7	Excellent	383	23	11,041	27	4,054	28	3,725	29								
		—	Not applicable	21	1	416	1	200	1	90	1								
			Total	1,691	100	41,298	100	14,704	100	13,083	100								
c. Faculty	QIfaculty	1	Poor	13	1	627	2	305	2	194	2	5.4	5.4	.05	5.3 **	.06	5.4	.01	
		2		38	2	961	3	412	3	285	3								
		3		75	5	2,187	5	884	6	613	5								
		4		228	13	4,976	12	1,746	12	1,495	11								
		5		451	26	10,545	25	3,494	24	3,246	24								
		6		461	27	12,373	30	4,157	28	4,034	30								
		7	Excellent	413	25	9,187	23	3,503	24	3,087	24								
		—	Not applicable	11	1	231	1	140	1	64	1								
			Total	1,690	100	41,087	100	14,641	100	13,018	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple		Carnegie Class Peers		Urban Peers		Custom Peers	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	82	5	1,867	5	792	6	526	4	4.8	4.8	-.03	4.8	.01	4.9 **	-.09	
		2		80	5	2,022	5	758	5	631	5								
		3		144	8	3,171	7	1,023	7	950	7								
		4		259	15	5,965	14	1,922	13	1,859	14								
		5		329	19	8,444	20	2,581	17	2,710	20								
		6		274	16	7,668	18	2,536	17	2,541	19								
		7	Excellent	264	16	6,087	15	2,139	15	2,237	17								
		—	Not applicable	250	15	5,946	16	2,916	20	1,593	13								
	Total			1,682	100	41,170	100	14,667	100	13,047	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	139	8	2,239	6	900	7	635	5	4.3	4.7 ***	-.21	4.7 ***	-.20	4.8 ***	-.28	
		2		156	9	2,468	6	925	6	675	5								
		3		217	13	3,888	9	1,327	9	1,144	9								
		4		289	17	7,092	17	2,291	15	2,236	17								
		5		330	19	9,163	22	3,055	21	2,843	21								
		6		242	15	7,618	18	2,779	18	2,580	19								
		7	Excellent	214	13	5,932	15	2,318	16	2,182	17								
		—	Not applicable	106	6	2,831	7	1,098	8	759	6								
	Total			1,693	100	41,231	100	14,693	100	13,054	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	31	2	782	2	267	2	264	2	3.1	3.1	-.03	3.2 **	-.08	3.1	-.01	
		2	Some	289	18	6,800	17	2,281	16	2,149	17								
		3	Quite a bit	738	46	17,779	45	5,931	43	5,706	46								
		4	Very much	554	34	14,315	36	5,442	39	4,452	35								
			Total			1,612	100	39,676	100	13,921	100								12,571
b. Providing support to help students succeed academically	SEacademic	1	Very little	75	5	2,009	5	769	6	560	5	2.9	2.9	.03	2.9	.03	2.9	-.03	
		2	Some	408	26	10,154	26	3,467	26	2,957	24								
		3	Quite a bit	691	43	16,965	43	5,782	42	5,442	44								
		4	Very much	420	26	10,267	26	3,786	26	3,517	27								
			Total			1,594	100	39,395	100	13,804	100								12,476
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	100	6	3,367	9	1,274	10	941	8	2.9	2.8 ***	.14	2.8 ***	.14	2.9 **	.08	
		2	Some	386	24	10,698	28	3,591	27	3,239	27								
		3	Quite a bit	628	39	14,996	38	5,115	37	4,773	38								
		4	Very much	479	30	10,309	26	3,825	26	3,508	28								
			Total			1,593	100	39,370	100	13,805	100								12,461

*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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with									
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	158	10	6,355	16	2,191	16	1,994	16	2.8	2.6 ***	.22	2.6 ***	.19	2.6 ***	.23			
		2	Some	453	29	12,935	32	4,275	31	4,151	33								Δ	Δ	Δ
		3	Quite a bit	546	34	11,812	30	4,152	30	3,798	30										
		4	Very much	431	27	8,287	21	3,191	23	2,530	21										
		Total		1,588	100	39,389	100	13,809	100	12,473	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	104	7	2,674	7	1,174	9	721	6	2.9	2.9	.03	2.8 **	.08	2.9	-.03			
		2	Some	393	25	9,837	25	3,616	26	2,848	24										
		3	Quite a bit	597	38	15,410	39	5,019	36	4,932	39								Δ		
		4	Very much	492	30	11,420	29	3,991	29	3,954	31										
		Total		1,586	100	39,341	100	13,800	100	12,455	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	152	10	3,587	10	1,520	11	1,060	9	2.8	2.8	-.03	2.8	.01	2.9 *	-.06			
		2	Some	427	27	9,983	26	3,555	26	3,096	25										
		3	Quite a bit	567	36	14,886	38	4,870	35	4,676	37										
		4	Very much	436	27	10,800	27	3,822	27	3,597	29										
		Total		1,582	100	39,256	100	13,767	100	12,429	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	573	36	13,395	34	4,898	36	3,969	32	2.1	2.1 *	.06	2.0 *	.07	2.1	.02			
		2	Some	470	30	14,130	36	4,580	33	4,517	36								Δ	Δ	
		3	Quite a bit	340	22	7,885	20	2,745	20	2,618	21										
		4	Very much	198	13	3,810	10	1,535	11	1,316	11										
		Total		1,581	100	39,220	100	13,758	100	12,420	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	162	10	3,792	10	1,872	14	960	8	2.8	2.8	-.01	2.7 ***	.10	2.9 ***	-.11			
		2	Some	416	27	10,472	27	3,918	28	2,968	25										
		3	Quite a bit	587	37	14,466	36	4,656	34	4,661	37								Δ		
		4	Very much	412	26	10,450	27	3,280	24	3,835	30										
		Total		1,577	100	39,180	100	13,726	100	12,424	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	298	19	6,682	18	2,778	20	1,887	16	2.4	2.4	.04	2.4 **	.08	2.5	-.02			
		2	Some	541	34	14,796	38	5,068	37	4,587	37										
		3	Quite a bit	471	30	11,797	30	3,780	28	3,910	31										
		4	Very much	261	17	5,785	15	2,044	15	1,991	16								Δ		
		Total		1,571	100	39,060	100	13,670	100	12,375	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	10	1	145	0	59	0	54	1	13.5	15.1 *** ▽	-0.17	15.1 *** ▽	-0.18	15.2 *** ▽	-0.18
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	250	16	5,274	14	1,981	14	1,625	14							
	8	6-10 hrs	454	29	9,099	23	3,202	23	2,783	22								
	13	11-15 hrs	308	19	7,864	20	2,679	19	2,507	20								
	18	16-20 hrs	221	14	6,739	17	2,305	17	2,210	18								
	23	21-25 hrs	158	10	4,189	11	1,416	11	1,289	10								
	28	26-30 hrs	82	5	2,451	6	847	6	827	6								
	33	More than 30 hrs	98	6	3,526	9	1,265	10	1,141	9								
	Total			1,581	100	39,287	100	13,754	100	12,436	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	632	41	13,510	37	6,463	48	3,640	32	4.7	5.2 ** ▽	-0.08	4.2 ** △	.07	5.7 *** ▽	-0.15
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	497	31	12,169	31	3,756	27	3,990	32							
	8	6-10 hrs	211	13	6,324	15	1,650	12	2,228	17								
	13	11-15 hrs	112	7	3,383	8	810	6	1,174	9								
	18	16-20 hrs	55	3	1,907	5	496	4	677	5								
	23	21-25 hrs	25	2	889	2	260	2	330	2								
	28	26-30 hrs	16	1	371	1	101	1	142	1								
	33	More than 30 hrs	24	2	531	1	151	1	189	2								
	Total			1,572	100	39,084	100	13,687	100	12,370	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,112	71	25,911	68	10,416	76	7,996	67	3.9	4.4 * ▽	-0.06	3.6	.05	4.4 * ▽	-0.06
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	63	4	1,746	4	371	3	633	5							
	8	6-10 hrs	120	7	3,594	8	681	5	1,175	8								
	13	11-15 hrs	104	7	3,213	8	746	5	1,045	8								
	18	16-20 hrs	106	6	2,668	7	858	6	884	7								
	23	21-25 hrs	28	2	1,005	3	285	2	310	2								
	28	26-30 hrs	14	1	415	1	147	1	137	1								
	33	More than 30 hrs	25	2	587	2	199	2	192	2								
	Total			1,572	100	39,139	100	13,703	100	12,372	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	576	37	19,967	50	5,606	42	6,640	52	12.2	9.8 *** △	.20	12.6	-.03	9.3 *** △	.24
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	92	6	2,127	5	625	4	691	5							
		8	6-10 hrs	145	9	2,586	6	804	6	820	6							
		13	11-15 hrs	137	8	2,719	7	917	6	807	6							
		18	16-20 hrs	198	12	3,380	9	1,427	10	995	8							
		23	21-25 hrs	141	9	2,416	6	1,125	8	704	6							
		28	26-30 hrs	88	6	1,647	4	848	6	472	4							
		33	More than 30 hrs	192	13	4,109	12	2,305	18	1,198	12							
	Total			1,569	100	38,951	100	13,657	100	12,327	100							
Estimated number of hours working for pay	tmworkhrs											16.1	14.1 *** △	.16	16.1	.00	13.6 *** △	.19
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	804	53	19,089	51	6,719	51	5,924	50	3.4	2.9 ** △	.09	3.1	.05	2.9 ** △	.10
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	486	30	13,841	34	4,524	32	4,631	36							
		8	6-10 hrs	126	8	3,221	8	1,193	8	953	7							
		13	11-15 hrs	67	4	1,236	3	536	4	371	3							
		18	16-20 hrs	39	2	729	2	341	2	221	2							
		23	21-25 hrs	16	1	339	1	139	1	90	1							
		28	26-30 hrs	7	0	157	0	63	0	35	0							
		33	More than 30 hrs	22	2	259	1	103	1	77	1							
	Total			1,567	100	38,871	100	13,618	100	12,302	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	807	2	415	3	257	2	11.2	11.6 * ▽	-.06	10.6 ** △	.07	11.6	-.05
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	393	25	8,851	23	3,974	29	2,662	23							
		8	6-10 hrs	464	29	11,082	28	3,907	29	3,586	29							
		13	11-15 hrs	284	18	7,890	20	2,357	17	2,546	20							
		18	16-20 hrs	201	13	5,116	13	1,507	11	1,687	13							
		23	21-25 hrs	81	5	2,303	6	648	5	712	6							
		28	26-30 hrs	43	3	1,048	3	309	2	308	3							
		33	More than 30 hrs	64	4	1,918	5	561	4	593	5							
	Total			1,574	100	39,015	100	13,678	100	12,351	100							

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple		Carnegie Class Peers		Urban Peers		Custom Peers	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	1,057	66	28,652	72	8,455	62	9,349	73	4.4	4.2	.01	6.0 ***	-0.15	4.2	.02	
	(<i>Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	208	14	3,611	10	1,703	12	1,033	9								
	8	6-10 hrs	90	6	1,678	5	797	6	448	4									
	13	11-15 hrs	55	4	1,079	3	540	4	315	3									
	18	16-20 hrs	33	2	790	2	432	3	229	2									
	23	21-25 hrs	19	1	460	1	239	2	122	1									
	28	26-30 hrs	21	1	313	1	165	1	98	1									
	33	More than 30 hrs	87	6	2,388	7	1,316	10	753	7									
	Total		1,570	100	38,971	100	13,647	100	12,347	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	210	13	4,782	12	1,170	10	1,832	14	6.1	5.1 ***	.18	5.7 *	.06	4.9 ***	.24	
	(<i>Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.</i>)	3	1-5 hrs	757	47	23,310	58	7,705	54	7,544	59								
	8	6-10 hrs	361	23	7,153	20	3,101	23	1,958	17									
	13	11-15 hrs	161	10	2,219	6	959	7	571	5									
	18	16-20 hrs	40	3	813	2	343	2	250	2									
	23	21-25 hrs	17	1	344	1	136	1	83	1									
	28	26-30 hrs	11	1	157	0	82	1	45	0									
	33	More than 30 hrs	24	2	374	1	213	1	110	1									
	Total		1,581	100	39,152	100	13,709	100	12,393	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	1	Very little	162	11	6,559	17	2,006	15	2,255	19	2.9	2.7 ***	.13	2.9	.04	2.7 ***	.19		
	2	Some	447	29	11,337	29	3,614	27	3,676	30									
	3	About half	464	29	9,438	24	3,578	26	2,978	24									
	4	Most	344	22	8,157	20	3,055	22	2,429	19									
	5	Almost all	155	9	3,588	9	1,441	10	1,040	8									
	Total		1,572	100	39,079	100	13,694	100	12,378	100									
tmreadinghrs																			
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																			
		6.7																	
		6.8 -.02 7.3 *** -.09 6.5 .02																	

*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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with									
				Temple		Peers		Urban Peers		Custom Peers		Temple	Peers	Urban Peers	Custom Peers	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean		
	tmreadinghrscol	1	0 hrs	10	1	137	0	57	0	51	0										
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	783	51	19,256	50	6,454	47	6,268	52										
		3	More than 5, up to 10 hrs	444	28	11,351	29	3,940	29	3,561	28										
		4	More than 10, up to 15 hrs	154	10	3,729	9	1,401	10	1,166	9										
		5	More than 15, up to 20 hrs	83	5	2,218	6	857	7	613	5										
		6	More than 20, up to 25 hrs	51	3	1,555	4	607	4	478	4										
		7	More than 25 hrs	37	2	651	2	290	2	189	1										
		Total		1,562	100	38,897	100	13,606	100	12,326	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	62	4	2,786	8	933	7	842	7	3.1	2.9 *** △	.23	3.0 *** △	.19	2.9 *** △	.24
		2	Some	271	17	9,340	24	3,134	23	2,973	24							
		3	Quite a bit	618	39	14,491	37	4,834	35	4,680	38							
		4	Very much	629	40	12,533	32	4,822	34	3,899	31							
		Total		1,580	100	39,150	100	13,723	100	12,394	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	116	7	3,419	9	1,162	9	960	8	3.0	2.9 *** △	.16	2.9 *** △	.14	2.9 *** △	.13
		2	Some	329	21	9,766	26	3,324	25	3,034	25							
		3	Quite a bit	545	35	14,060	35	4,794	35	4,498	36							
		4	Very much	586	37	11,771	30	4,395	31	3,857	31							
		Total		1,576	100	39,016	100	13,675	100	12,349	100							
c. Thinking critically and analytically	pgthink	1	Very little	28	2	1,004	3	394	3	291	3	3.3	3.3 ** △	.07	3.3 *** △	.09	3.3	.05
		2	Some	188	12	5,124	14	1,929	14	1,500	13							
		3	Quite a bit	571	36	14,305	36	4,885	36	4,500	36							
		4	Very much	787	50	18,584	47	6,467	47	6,061	48							
		Total		1,574	100	39,017	100	13,675	100	12,352	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	164	10	3,852	9	1,312	9	1,181	9	2.9	2.9	-.01	2.9	-.01	2.9	-.04
		2	Some	377	23	9,652	24	3,374	24	2,959	23							
		3	Quite a bit	531	34	12,584	32	4,447	33	3,972	33							
		4	Very much	502	33	12,927	34	4,518	34	4,232	35							
		Total		1,574	100	39,015	100	13,651	100	12,344	100							

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NSSE 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Carnegie Class								Your seniors compared with						
				Temple		Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers		Urban Peers		Custom Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	129	9	3,830	10	1,476	11	1,072	9	3.0	2.9 *** △	.12	2.9 *** △	.14	3.0	.05
		2	Some	319	20	9,409	24	3,332	24	2,737	22							
		3	Quite a bit	530	34	12,775	32	4,310	31	3,994	32							
		4	Very much	596	37	13,027	33	4,558	33	4,555	36							
		Total		1,574	100	39,041	100	13,676	100	12,358	100							
f. Working effectively with others	pgothers	1	Very little	80	6	2,127	6	826	7	573	5	3.1	3.0 *** △	.10	3.0 *** △	.12	3.1	.05
		2	Some	280	18	8,621	23	3,053	23	2,530	21							
		3	Quite a bit	598	38	14,295	36	4,890	35	4,554	37							
		4	Very much	613	38	13,914	35	4,881	35	4,690	37							
		Total		1,571	100	38,957	100	13,650	100	12,347	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	162	11	5,432	15	1,970	15	1,543	14	2.9	2.7 *** △	.18	2.7 *** △	.17	2.8 *** △	.13
		2	Some	360	23	10,441	27	3,547	26	3,198	26							
		3	Quite a bit	523	33	12,467	31	4,204	30	3,986	32							
		4	Very much	527	33	10,673	27	3,950	28	3,625	28							
		Total		1,572	100	39,013	100	13,671	100	12,352	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	95	6	4,324	12	1,541	12	1,352	12	3.1	2.8 *** △	.29	2.8 *** △	.25	2.8 *** △	.30
		2	Some	301	20	10,920	28	3,573	26	3,530	28							
		3	Quite a bit	569	36	12,569	32	4,265	31	3,961	32							
		4	Very much	612	38	11,196	28	4,295	31	3,507	28							
		Total		1,577	100	39,009	100	13,674	100	12,350	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	130	8	3,904	11	1,539	12	1,115	10	2.9	2.8 *** △	.11	2.8 *** △	.12	2.8 ** △	.08
		2	Some	390	25	10,646	27	3,588	27	3,269	27							
		3	Quite a bit	555	35	13,466	34	4,578	33	4,306	34							
		4	Very much	499	32	10,964	28	3,939	28	3,645	29							
		Total		1,574	100	38,980	100	13,644	100	12,335	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	191	12	5,720	16	2,121	16	1,697	15	2.8	2.6 *** △	.17	2.6 *** △	.17	2.6 *** △	.15
		2	Some	390	25	11,975	31	4,101	31	3,809	31							
		3	Quite a bit	549	35	12,130	31	4,035	29	3,839	31							
		4	Very much	437	28	9,060	23	3,353	24	2,971	23							
		Total		1,567	100	38,885	100	13,610	100	12,316	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 2016 Frequencies and Statistical Comparisons

Temple University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b						
												<i>Your seniors compared with</i>						
Item wording or description	Variable name ^c	Values ^d	Response options	Temple		Carnegie Class Peers		Urban Peers		Custom Peers		Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	38	3	874	3	358	3	263	2	3.2	3.2	.01	3.2 *	.06	3.3 *	-0.07
		2	Fair	179	12	4,493	12	1,679	13	1,180	11							
		3	Good	700	44	17,688	44	6,396	45	5,191	42							
		4	Excellent	665	42	16,129	41	5,309	39	5,762	45							
			Total	1,582	100	39,184	100	13,742	100	12,396	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	60	4	1,530	4	586	4	454	4	3.2	3.2	-0.02	3.2	.01	3.3 ***	-0.09
		2	Probably no	188	12	4,767	12	1,718	13	1,323	11							
		3	Probably yes	628	40	15,043	38	5,388	38	4,392	35							
		4	Definitely yes	702	44	17,889	46	6,062	44	6,247	50							
			Total	1,578	100	39,229	100	13,754	100	12,416	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 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Temple University

First-Year Students

Variable Name	N				Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Temple	Comparisons with:			Temple	Comparisons with:			Temple	Comparisons with:			Temple	Comparisons with:			Carnegie Class Peers	Comparisons with:		Carnegie Class Peers	Comparisons with:				
		Temple	Carnegie Class Peers	Urban Peers		Custom Peers	Temple	Carnegie Class Peers		Urban Peers	Custom Peers	Carnegie Class Peers		Urban Peers	Custom Peers	Carnegie Class Peers		Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers		
1 a. askquest	1,536	2.93	2.73	2.71	2.73	.022	.003	.006	.006	.85	.85	.86	.84	1,613	1,764	1,789	.000	.000	.000	.24	.26	.24			
b. drafts	1,520	2.56	2.38	2.48	2.32	.025	.004	.007	.007	.98	.98	.99	.97	62,651	23,212	1,768	.000	.001	.000	.18	.09	.24			
c. unpreparedr	1,515	2.94	2.91	2.95	2.93	.020	.003	.005	.006	.80	.78	.79	.77	62,335	23,107	20,231	.094	.881	.605	.04	.00	.01			
d. attendart	1,513	2.02	1.94	1.78	1.92	.025	.004	.006	.007	.98	.91	.89	.90	1,578	22,954	1,726	.001	.000	.000	.09	.26	.11			
e. CLaskhelp	1,508	2.56	2.71	2.64	2.73	.022	.004	.006	.006	.86	.87	.88	.87	61,753	22,875	20,054	.000	.000	.000	-.18	-.10	-.20			
f. CLexplain	1,502	2.69	2.81	2.76	2.81	.021	.003	.006	.006	.80	.81	.82	.80	1,577	22,750	1,751	.000	.001	.000	-.15	-.09	-.15			
g. CLstudy	1,506	2.50	2.66	2.58	2.68	.025	.004	.007	.007	.96	.95	.96	.96	61,408	22,744	19,940	.000	.001	.000	-.17	-.09	-.19			
h. CLproject	1,496	2.66	2.69	2.69	2.71	.021	.004	.006	.006	.82	.86	.86	.86	1,578	1,734	19,861	.199	.157	.023	-.03	-.04	-.06			
i. present	1,498	2.30	2.18	2.30	2.16	.023	.004	.006	.007	.88	.88	.90	.88	1,574	22,469	1,752	.000	.922	.000	.14	.00	.17			
2 a. RIntegrate	1,452	2.75	2.66	2.65	2.64	.022	.003	.006	.006	.84	.83	.85	.84	59,044	1,670	19,185	.000	.000	.000	.11	.13	.14			
b. RIsocietal	1,445	2.82	2.60	2.59	2.56	.023	.004	.006	.007	.86	.86	.87	.86	1,518	1,663	1,693	.000	.000	.000	.26	.27	.31			
c. RIdiverse	1,444	2.84	2.54	2.56	2.50	.023	.004	.006	.007	.87	.89	.89	.89	1,520	1,669	1,700	.000	.000	.000	.34	.31	.38			
d. Rlownview	1,441	2.92	2.74	2.77	2.73	.021	.003	.006	.006	.81	.82	.82	.81	1,514	1,656	1,685	.000	.000	.000	.22	.19	.24			
e. Rlperspect	1,434	3.01	2.86	2.87	2.85	.021	.003	.006	.006	.79	.81	.82	.81	1,511	1,664	1,693	.000	.000	.000	.18	.16	.19			
f. Rlnewview	1,430	2.96	2.83	2.83	2.80	.021	.003	.006	.006	.80	.79	.81	.80	1,501	1,645	1,675	.000	.000	.000	.17	.16	.21			
g. Rlconnect	1,423	3.16	3.04	3.03	3.01	.019	.003	.005	.006	.73	.76	.77	.76	1,500	21,288	1,683	.000	.000	.000	.16	.17	.19			
3 a. SFcareer	1,418	2.19	2.21	2.17	2.25	.025	.004	.006	.007	.93	.89	.91	.89	1,482	1,614	18,641	.508	.327	.021	-.02	.03	-.06			
b. SFotherwork	1,412	1.70	1.76	1.71	1.79	.024	.004	.006	.007	.91	.90	.91	.91	57,337	21,244	18,570	.020	.627	.000	-.06	-.01	-.10			
c. SFdiscuss	1,411	2.00	1.98	1.92	1.99	.025	.004	.006	.007	.92	.88	.89	.88	1,475	21,195	1,630	.460	.002	.654	.02	.08	.01			
d. SFperform	1,411	2.14	2.07	2.03	2.10	.023	.004	.006	.007	.87	.86	.87	.87	1,480	1,618	18,520	.003	.000	.091	.08	.13	.05			
4 a. memorize	1,421	3.00	2.97	2.99	2.94	.022	.003	.006	.006	.81	.81	.81	.82	57,235	21,173	18,546	.150	.653	.003	.04	.01	.08			
b. HOapply	1,417	3.03	3.01	2.98	2.99	.021	.003	.006	.006	.80	.80	.82	.81	56,970	21,067	18,486	.410	.049	.132	.02	.05	.04			
c. HOanalyze	1,405	3.09	2.97	2.97	2.94	.021	.003	.006	.006	.79	.82	.82	.83	56,733	20,957	18,379	.000	.000	.000	.15	.15	.19			
d. HOevaluate	1,402	3.07	2.85	2.90	2.81	.021	.004	.006	.007	.79	.84	.85	.85	1,482	1,638	1,675	.000	.000	.000	.27	.21	.31			
e. HOform	1,408	3.03	2.85	2.88	2.84	.022	.004	.006	.007	.81	.84	.85	.85	1,485	1,635	1,671	.000	.000	.000	.21	.17	.22			
5 a. ETgoals	1,419	3.17	3.08	3.07	3.06	.020	.003	.006	.006	.74	.76	.79	.76	56,812	21,040	1,679	.000	.000	.000	.11	.12	.13			
b. ETorganize	1,423	3.03	3.05	3.02	3.03	.020	.003	.006	.006	.77	.77	.80	.77	56,693	20,985	18,410	.606	.530	.735	-.01	.02	.01			
c. ETexample	1,416	3.10	3.05	3.04	3.04	.021	.003	.006	.006	.80	.80	.83	.80	1,489	20,899	1,663	.021	.004	.004	.06	.08	.08			
d. ETdraftfb	1,417	2.93	2.71	2.76	2.68	.023	.004	.007	.007	.88	.91	.92	.92	1,495	1,647	1,684	.000	.000	.000	.24	.19	.27			
e. ETfeedback	1,408	2.77	2.64	2.66	2.63	.025	.004	.007	.007	.93	.90	.91	.90	56,427	20,870	18,324	.000	.000	.000	.14	.13	.16			

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Temple University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Temple	Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers				
6 a. QRconclude	1,423	2.63	2.64	2.65	2.66	.025	.004	.006	.007	.94	.89	.89	.89	1,489	1,616	1,646	.680	.651	.391	-.01	-.01	-.02				
b. QRproblem	1,418	2.43	2.34	2.35	2.35	.026	.004	.007	.007	.96	.93	.94	.93	1,486	1,617	1,646	.000	.002	.001	.10	.09	.09				
c. QRevaluate	1,416	2.38	2.36	2.35	2.36	.025	.004	.006	.007	.94	.89	.90	.89	1,481	1,609	1,634	.357	.227	.414	.03	.03	.02				
7 a. wrshortnum	1,308	6.76	6.55	6.58	6.14	.144	.025	.043	.044	5.19	5.64	5.64	5.44	1,388	1,546	1,560	.152	.223	.000	.04	.03	.11				
b. wrmednum	1,285	2.90	2.11	2.28	1.95	.090	.014	.025	.025	3.24	3.07	3.22	3.03	1,344	18,305	1,483	.000	.000	.000	.26	.19	.31				
c. wrlongnum	1,238	.91	.84	.94	.73	.086	.012	.022	.021	3.02	2.66	2.84	2.54	1,287	17,800	1,390	.418	.760	.038	.03	-.01	.07				
— wrpages	1,225	55.63	47.56	49.84	43.84	1.967	.289	.518	.524	68.85	63.10	66.18	63.22	48,790	17,561	15,750	.000	.003	.000	.13	.09	.19				
8 a. DDrace	1,325	3.37	3.15	3.16	3.11	.021	.004	.007	.007	.78	.88	.89	.89	1,413	1,596	1,631	.000	.000	.000	.25	.24	.31				
b. DDeconomic	1,322	3.23	3.11	3.08	3.09	.023	.004	.007	.007	.83	.87	.90	.87	52,185	1,560	16,815	.000	.000	.000	.13	.17	.16				
c. DDreligion	1,323	3.20	3.10	3.04	3.06	.024	.004	.007	.007	.88	.90	.93	.91	52,119	19,053	16,787	.000	.000	.000	.11	.17	.16				
d. DDpolitical	1,317	3.08	3.05	2.99	3.05	.025	.004	.007	.007	.91	.90	.94	.90	51,936	18,965	16,744	.288	.001	.318	.03	.09	.03				
9 a. LSreading	1,311	3.24	3.07	3.07	3.03	.020	.003	.006	.006	.71	.78	.78	.78	51,873	18,908	1,586	.000	.000	.000	.22	.22	.28				
b. LSnotes	1,309	2.98	2.86	2.88	2.82	.024	.004	.007	.007	.87	.90	.90	.90	1,381	1,523	1,554	.000	.000	.000	.13	.11	.18				
c. LSsummary	1,291	2.95	2.79	2.78	2.74	.024	.004	.007	.007	.87	.90	.90	.89	1,363	1,506	1,533	.000	.000	.000	.18	.19	.24				
10. challenge	1,311	5.47	5.48	5.51	5.51	.031	.005	.009	.009	1.12	1.13	1.16	1.11	51,755	18,887	16,649	.777	.261	.177	-.01	-.03	-.04				
11 a. intern ^l	1,313	.094	.090	.085	.090	.0081	.0013	.0021	.0023	--	--	--	--	--	--	--	.667	.264	.681	.01	.03	.01				
b. leader ^l	1,300	.093	.135	.113	.157	.0081	.0015	.0024	.0029	--	--	--	--	--	--	--	.000	.027	.000	-.13	-.07	-.19				
c. learncom ^l	1,303	.108	.199	.201	.253	.0086	.0018	.0030	.0035	--	--	--	--	--	--	--	.000	.000	.000	-.25	-.26	-.38				
d. abroad ^l	1,304	.042	.041	.039	.041	.0055	.0009	.0015	.0016	--	--	--	--	--	--	--	.873	.644	.961	.00	.01	.00				
e. research ^l	1,296	.037	.065	.054	.065	.0053	.0011	.0017	.0020	--	--	--	--	--	--	--	.000	.010	.000	-.13	-.08	-.13				
f. capstone ^l	1,293	.027	.028	.028	.025	.0045	.0007	.0013	.0013	--	--	--	--	--	--	--	.803	.877	.658	-.01	.00	.01				
12. servcourse	1,291	1.55	1.54	1.60	1.56	.018	.003	.005	.005	.66	.65	.66	.66	50,899	18,519	16,396	.469	.023	.880	.02	-.07	.00				
13 a. QIstudent	1,297	5.56	5.53	5.46	5.60	.036	.006	.010	.011	1.30	1.32	1.38	1.29	51,243	1,521	16,477	.465	.008	.245	.02	.07	-.03				
b. QIadvisor	1,271	5.09	5.17	5.05	5.29	.047	.007	.013	.013	1.66	1.62	1.72	1.60	50,292	18,146	16,315	.071	.514	.000	-.05	.02	-.13				
c. QIfaculty	1,286	5.19	5.18	5.03	5.24	.039	.006	.012	.011	1.38	1.40	1.52	1.36	50,599	1,527	16,292	.745	.000	.164	.01	.11	-.04				
d. QIstaff	1,196	4.83	5.00	4.83	5.08	.047	.007	.014	.013	1.62	1.58	1.71	1.55	1,255	1,409	1,387	.000	.891	.000	-.11	.00	-.16				
e. QIadmin	1,190	4.49	4.82	4.72	4.97	.051	.008	.014	.013	1.77	1.63	1.71	1.58	1,244	1,364	1,359	.000	.000	.000	-.20	-.14	-.30				
14 a. empstudy	1,233	3.16	3.19	3.18	3.18	.022	.003	.006	.006	.78	.74	.77	.75	48,374	17,428	15,537	.151	.192	.299	-.04	-.04	-.03				
b. SEacademic	1,220	3.09	3.09	3.06	3.11	.024	.004	.007	.007	.85	.81	.83	.81	1,278	17,302	15,424	.954	.337	.303	.00	.03	-.03				
c. SElearnsup	1,219	3.13	3.11	3.11	3.12	.026	.004	.007	.007	.90	.86	.89	.88	1,278	17,227	15,382	.287	.370	.550	.03	.03	.02				

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Temple University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Temple	Comparisons with:				Temple	Comparisons with:			Temple	Comparisons with:			Comparisons with:			Carnegie Class Peers	Comparisons with:		Carnegie Class Peers	Comparisons with:					
		Temple	Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers		Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers		
d. SEdiverse	1,219	2.95	2.78	2.77	2.78	.027	.004	.008	.008	.94	.95	.96	.95	1,285	1,418	1,442	.000	.000	.000	.18	.19	.18				
e. SEsocial	1,223	3.07	3.05	3.00	3.08	.025	.004	.007	.007	.86	.85	.89	.84	47,964	17,250	15,419	.559	.010	.525	.02	.08	-.02				
f. SEwellness	1,214	3.05	3.03	2.99	3.04	.026	.004	.007	.007	.90	.86	.90	.87	1,271	17,228	1,414	.447	.018	.612	.02	.07	.02				
g. SEnonacad	1,218	2.46	2.39	2.40	2.41	.028	.004	.008	.008	.98	.97	.99	.95	47,811	17,219	1,421	.026	.042	.147	.06	.06	.04				
h. SEactivities	1,214	3.05	2.98	2.88	3.05	.026	.004	.007	.007	.92	.87	.93	.85	1,270	17,154	1,399	.017	.000	.918	.07	.18	.00				
i. SEevents	1,211	2.58	2.61	2.54	2.64	.028	.004	.008	.008	.97	.93	.97	.92	1,267	17,100	1,404	.176	.174	.019	-.04	.04	-.07				
15 a. tmprephrs	1,219	13.75	15.31	14.65	15.44	.234	.039	.068	.070	8.18	8.39	8.64	8.35	1,286	1,433	1,445	.000	.000	.000	-.19	-.10	-.20				
b. tmcocurrhrs	1,213	5.40	6.12	4.86	6.74	.194	.031	.051	.059	6.76	6.74	6.45	7.06	47,598	17,121	1,448	.000	.005	.000	-.11	.08	-.19				
c. tmworkonhrs	1,216	2.20	2.51	1.95	2.55	.176	.026	.041	.048	6.12	5.63	5.22	5.75	47,710	1,353	1,406	.060	.159	.053	-.05	.05	-.06				
d. tmworkoffhrs	1,206	3.73	3.42	5.23	3.58	.222	.035	.074	.065	7.71	7.45	9.29	7.73	1,264	1,484	15,291	.178	.000	.518	.04	-.16	.02				
— tmworkhrs	1,202	5.84	5.87	7.09	6.08	.314	.046	.086	.086	10.88	9.79	10.79	10.14	1,252	1,386	15,232	.912	.000	.420	.00	-.12	-.02				
e. tmservicehrs	1,204	2.42	2.47	2.56	2.55	.136	.020	.036	.038	4.71	4.37	4.57	4.49	1,258	16,940	1,398	.665	.284	.339	-.01	-.03	-.03				
f. tmrelaxhrs	1,211	13.36	12.82	12.44	12.88	.251	.038	.068	.070	8.72	8.23	8.57	8.25	1,267	17,029	1,403	.033	.000	.068	.07	.11	.06				
g. tmcarehrs	1,206	2.24	1.66	2.46	1.67	.172	.023	.047	.044	5.97	4.92	5.96	5.15	1,248	17,008	1,364	.001	.214	.001	.12	-.04	.11				
h. tmcommutehrs	1,214	3.64	3.89	4.68	3.61	.176	.025	.045	.045	6.14	5.32	5.68	5.38	1,261	17,107	1,378	.148	.000	.890	-.05	-.18	.00				
16. reading	1,208	3.03	2.65	2.70	2.58	.031	.005	.009	.009	1.08	1.09	1.09	1.09	1,273	1,404	1,428	.000	.000	.000	.35	.30	.41				
— tmreadinghrs	1,204	6.98	6.56	6.43	6.44	.167	.026	.045	.048	5.80	5.66	5.68	5.62	47,160	16,929	15,171	.009	.001	.001	.08	.10	.10				
17 a. pgwrite	1,212	2.91	2.69	2.80	2.64	.025	.004	.007	.008	.87	.92	.90	.91	1,282	1,416	1,448	.000	.000	.000	.24	.12	.30				
b. pgspeak	1,211	2.67	2.55	2.69	2.54	.027	.004	.007	.008	.95	.94	.93	.93	47,386	17,042	15,230	.000	.598	.000	.14	-.02	.15				
c. pgthink	1,203	3.12	3.05	3.07	3.05	.023	.004	.007	.007	.80	.82	.82	.82	47,416	17,027	15,213	.002	.041	.005	.09	.06	.08				
d. pganalyze	1,203	2.63	2.69	2.72	2.71	.029	.004	.007	.008	1.00	.95	.94	.94	1,259	1,366	1,391	.031	.001	.007	-.07	-.10	-.09				
e. pgwork	1,204	2.65	2.61	2.56	2.68	.028	.004	.008	.008	.98	.96	.99	.95	47,371	17,029	1,404	.133	.002	.313	.04	.09	-.03				
f. pgothers	1,200	2.84	2.80	2.84	2.85	.026	.004	.007	.007	.91	.89	.89	.88	47,312	16,991	1,402	.128	.991	.800	.04	.00	-.01				
g. pgvalues	1,202	2.78	2.62	2.65	2.65	.028	.005	.008	.008	.96	.97	.98	.97	1,267	1,400	1,421	.000	.000	.000	.16	.14	.13				
h. pgdiverse	1,204	3.02	2.75	2.77	2.72	.026	.004	.008	.008	.90	.94	.95	.94	1,273	1,417	1,442	.000	.000	.000	.29	.26	.32				
i. pgprobsolve	1,204	2.70	2.62	2.60	2.64	.027	.004	.008	.008	.95	.93	.95	.93	47,323	16,993	15,220	.006	.001	.025	.08	.10	.07				
j. pgcitizen	1,197	2.77	2.59	2.58	2.61	.027	.004	.008	.008	.94	.95	.96	.94	1,260	1,394	15,142	.000	.000	.000	.18	.19	.17				
18. evalexp	1,209	3.29	3.23	3.17	3.29	.020	.003	.006	.006	.69	.71	.72	.70	47,613	1,415	15,310	.006	.000	.704	.08	.16	-.01				
19. sameinst	1,209	3.38	3.28	3.22	3.35	.021	.004	.006	.006	.73	.77	.79	.75	47,678	17,169	15,320	.000	.000	.124	.14	.21	.05				

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Temple University

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Temple	Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Temple	Carnegie Class Peers	Urban Peers	Custom Peers	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers				
1 a. askquest	2,014	3.11	2.98	2.98	3.00	.019	.004	.006	.007	.84	.89	.90	.88	2,185	2,426	19,217	.000	.000	.000	.15	.14	.12				
b. drafts	2,003	2.40	2.29	2.38	2.30	.022	.004	.007	.008	.99	1.01	1.02	1.00	55,298	2,387	18,987	.000	.238	.000	.11	.03	.10				
c. unpreparedr	1,984	2.89	2.84	2.88	2.88	.018	.004	.005	.006	.81	.83	.83	.81	2,141	25,098	18,908	.010	.923	.672	.06	.00	.01				
d. attendart	1,973	1.87	1.83	1.75	1.84	.021	.004	.006	.007	.94	.89	.87	.89	2,106	2,273	2,405	.084	.000	.239	.04	.14	.03				
e. CLaskhelp	1,968	2.44	2.49	2.43	2.53	.020	.004	.006	.007	.87	.90	.91	.90	2,129	2,354	2,487	.014	.620	.000	-.05	.01	-.10				
f. CLexplain	1,957	2.73	2.79	2.74	2.82	.018	.004	.006	.006	.80	.84	.85	.83	54,354	2,353	18,675	.001	.462	.000	-.07	-.02	-.11				
g. CLstudy	1,960	2.51	2.53	2.46	2.58	.022	.004	.007	.008	.96	.99	1.00	.99	2,121	2,345	2,484	.323	.046	.002	-.02	.05	-.07				
h. CLproject	1,950	2.92	2.90	2.84	2.94	.020	.004	.006	.007	.87	.91	.93	.90	2,111	2,350	18,559	.343	.000	.243	.02	.08	-.03				
i. present	1,953	2.80	2.62	2.59	2.64	.021	.004	.007	.008	.94	.96	.98	.97	2,106	2,336	2,461	.000	.000	.000	.19	.21	.16				
2 a. RIntegrate	1,898	3.03	2.98	2.96	2.97	.019	.004	.006	.007	.83	.83	.85	.83	52,430	23,702	17,952	.015	.001	.006	.06	.08	.07				
b. RIsocietal	1,880	2.88	2.76	2.77	2.74	.020	.004	.006	.007	.89	.91	.92	.90	2,029	2,250	2,360	.000	.000	.000	.13	.12	.16				
c. RIdiverse	1,886	2.75	2.54	2.56	2.50	.022	.004	.007	.008	.94	.98	1.00	.97	2,041	2,275	2,388	.000	.000	.000	.21	.19	.26				
d. Rlownview	1,880	2.90	2.80	2.81	2.77	.019	.004	.006	.007	.83	.86	.86	.85	2,033	2,251	2,373	.000	.000	.000	.12	.10	.15				
e. Rlperspect	1,866	3.00	2.90	2.92	2.88	.019	.004	.006	.007	.80	.84	.85	.84	2,022	2,245	2,370	.000	.000	.000	.12	.09	.15				
f. RInewview	1,860	3.00	2.92	2.93	2.89	.018	.004	.006	.006	.79	.81	.82	.81	2,009	2,228	2,347	.000	.000	.000	.10	.09	.13				
g. Rlconnect	1,849	3.19	3.18	3.19	3.16	.017	.003	.005	.006	.73	.76	.76	.75	2,000	2,217	17,446	.482	.835	.101	.02	.00	.04				
3 a. SFcareer	1,848	2.44	2.34	2.26	2.39	.023	.004	.007	.008	.97	.96	.96	.97	1,986	2,180	17,416	.000	.000	.058	.10	.19	.05				
b. SFotherwork	1,844	1.99	1.93	1.82	1.98	.024	.005	.007	.008	1.05	1.01	.99	1.02	50,817	22,872	17,378	.015	.000	.707	.06	.17	.01				
c. SFdiscuss	1,839	2.23	2.13	2.05	2.17	.022	.004	.006	.008	.94	.93	.93	.94	1,975	2,166	17,317	.000	.000	.008	.11	.19	.07				
d. SFperform	1,829	2.26	2.10	2.07	2.15	.021	.004	.006	.007	.91	.90	.90	.90	1,965	2,156	2,278	.000	.000	.000	.18	.21	.12				
4 a. memorize	1,852	2.84	2.79	2.80	2.74	.020	.004	.006	.007	.88	.90	.91	.90	2,002	2,216	2,347	.013	.091	.000	.06	.04	.11				
b. HOapply	1,849	3.10	3.09	3.11	3.09	.019	.004	.006	.007	.81	.81	.82	.81	50,602	22,750	17,298	.634	.482	.950	.01	-.02	.00				
c. HOanalyze	1,840	3.11	3.04	3.07	3.03	.019	.004	.006	.007	.83	.85	.85	.85	50,404	22,690	17,204	.000	.047	.000	.09	.05	.10				
d. HOevaluate	1,837	3.03	2.84	2.89	2.83	.020	.004	.006	.007	.84	.90	.90	.90	2,000	2,226	2,372	.000	.000	.000	.20	.15	.21				
e. HOform	1,829	2.98	2.89	2.93	2.89	.020	.004	.006	.007	.84	.87	.88	.88	1,981	2,194	2,328	.000	.014	.000	.10	.06	.11				
5 a. ETgoals	1,845	3.16	3.13	3.14	3.10	.018	.004	.005	.006	.77	.77	.79	.79	50,543	22,758	17,257	.153	.346	.004	.03	.02	.07				
b. ETorganize	1,840	3.07	3.08	3.08	3.06	.018	.004	.006	.006	.79	.78	.81	.79	50,448	22,699	17,226	.439	.523	.821	-.02	-.02	.01				
c. ETexample	1,834	3.12	3.11	3.11	3.10	.019	.004	.006	.007	.81	.81	.84	.82	50,306	22,655	17,186	.356	.381	.264	.02	.02	.03				
d. ETdraftfb	1,839	2.88	2.63	2.65	2.65	.021	.004	.007	.008	.91	.97	.99	.98	2,000	2,239	2,372	.000	.000	.000	.26	.24	.24				
e. ETfeedback	1,825	2.86	2.74	2.74	2.74	.021	.004	.006	.007	.88	.91	.93	.91	1,972	2,195	2,316	.000	.000	.000	.13	.12	.13				

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Temple University

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Temple	Comparisons with:				Temple	Comparisons with:			Temple	Comparisons with:			Comparisons with:			Comparisons with:			Comparisons with:						
		Temple	Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers				
6 a. QRconclude	1,841	2.66	2.70	2.69	2.71	.022	.004	.007	.008	.95	.95	.95	.95	50,427	22,682	17,223	.044	.190	.026	-.05	-.03	-.05				
b. QRproblem	1,835	2.51	2.45	2.45	2.44	.023	.004	.007	.008	.97	.99	1.00	.98	50,353	22,644	17,199	.014	.011	.006	.06	.06	.07				
c. QRevaluate	1,837	2.49	2.50	2.46	2.48	.022	.004	.007	.008	.95	.94	.96	.94	50,260	22,603	17,161	.948	.189	.558	.00	.03	.01				
7 a. wrshortnum	1,673	7.81	7.18	6.91	6.82	.158	.031	.047	.053	6.45	6.46	6.40	6.27	46,119	20,315	15,679	.000	.000	.000	.10	.14	.16				
b. wrmednum	1,671	3.40	3.21	3.26	3.05	.101	.019	.031	.033	4.14	4.04	4.19	3.92	45,475	19,961	15,471	.057	.193	.001	.05	.03	.09				
c. wrlongnum	1,637	1.87	1.84	1.90	1.79	.092	.017	.028	.029	3.70	3.48	3.70	3.44	44,861	19,657	15,287	.678	.815	.376	.01	-.01	.02				
— wrpages	1,595	76.72	72.73	72.60	69.51	2.245	.407	.665	.711	89.66	83.70	88.04	82.09	43,837	19,136	1,927	.062	.074	.002	.05	.05	.09				
8 a. DDrace	1,719	3.31	3.16	3.20	3.11	.020	.004	.007	.008	.83	.90	.91	.91	1,873	2,103	2,244	.000	.000	.000	.17	.12	.23				
b. DDeconomic	1,715	3.22	3.13	3.14	3.10	.020	.004	.007	.007	.84	.88	.90	.88	46,896	2,089	15,959	.000	.000	.000	.11	.09	.13				
c. DDreligion	1,712	3.17	3.11	3.10	3.06	.021	.004	.007	.008	.89	.91	.94	.92	46,858	2,071	15,932	.008	.002	.000	.07	.07	.11				
d. DDpolitical	1,704	3.06	3.08	3.07	3.08	.022	.004	.007	.008	.90	.91	.93	.90	46,679	20,622	15,894	.569	.908	.433	-.01	.00	-.02				
9 a. LSreading	1,706	3.23	3.14	3.19	3.10	.018	.004	.006	.007	.75	.81	.81	.82	46,739	2,074	15,890	.000	.032	.000	.11	.05	.16				
b. LSnotes	1,701	2.89	2.77	2.88	2.76	.022	.004	.007	.008	.90	.95	.94	.95	1,847	2,047	2,180	.000	.679	.000	.12	.01	.14				
c. LSsummary	1,689	2.88	2.79	2.85	2.77	.022	.004	.007	.008	.89	.93	.93	.93	1,830	2,035	2,149	.000	.195	.000	.10	.03	.11				
10. challenge	1,695	5.54	5.50	5.59	5.52	.030	.006	.009	.010	1.23	1.21	1.24	1.22	46,529	20,559	15,817	.190	.133	.531	.03	-.04	.02				
11 a. intern ^l	1,698	.574	.541	.483	.577	.0120	.0024	.0036	.0042	--	--	--	--	--	--	--	.007	.000	.812	.07	.18	-.01				
b. leader ^l	1,690	.316	.404	.316	.442	.0113	.0023	.0034	.0042	--	--	--	--	--	--	--	.000	.992	.000	-.18	.00	-.26				
c. learncom ^l	1,687	.212	.249	.235	.281	.0099	.0020	.0031	.0038	--	--	--	--	--	--	--	.000	.031	.000	-.09	-.06	-.16				
d. abroad ^l	1,690	.145	.175	.130	.197	.0086	.0018	.0025	.0034	--	--	--	--	--	--	--	.002	.072	.000	-.08	.04	-.14				
e. research ^l	1,682	.204	.270	.213	.279	.0098	.0021	.0030	.0038	--	--	--	--	--	--	--	.000	.423	.000	-.15	-.02	-.18				
f. capstone ^l	1,686	.564	.443	.393	.447	.0121	.0024	.0036	.0042	--	--	--	--	--	--	--	.000	.000	.000	.24	.34	.23				
12. servcourse	1,682	1.69	1.61	1.66	1.62	.018	.003	.005	.006	.73	.66	.69	.67	1,787	1,954	2,035	.000	.078	.000	.12	.05	.11				
13 a. QIstudent	1,687	5.68	5.62	5.61	5.69	.031	.006	.010	.011	1.28	1.31	1.34	1.29	46,071	2,037	15,662	.060	.034	.760	.05	.05	-.01				
b. QIadvisor	1,667	4.82	5.04	5.04	5.12	.045	.009	.013	.015	1.83	1.79	1.81	1.78	1,789	20,183	2,060	.000	.000	.000	-.12	-.12	-.17				
c. QIfaculty	1,680	5.44	5.38	5.35	5.42	.032	.007	.011	.012	1.32	1.39	1.46	1.39	45,857	2,071	15,596	.067	.006	.598	.05	.06	.01				
d. QIstaff	1,424	4.78	4.83	4.76	4.93	.045	.009	.014	.015	1.70	1.69	1.76	1.67	39,058	1,726	13,590	.301	.684	.002	-.03	.01	-.09				
e. QIadmin	1,587	4.34	4.69	4.69	4.82	.045	.008	.013	.015	1.81	1.70	1.76	1.69	1,696	1,873	1,936	.000	.000	.000	-.21	-.20	-.28				
14 a. empstudy	1,609	3.12	3.15	3.19	3.13	.019	.004	.006	.007	.77	.77	.77	.77	44,398	1,910	15,047	.291	.002	.780	-.03	-.08	-.01				
b. SEacademic	1,592	2.91	2.88	2.88	2.94	.021	.004	.006	.007	.84	.85	.86	.84	44,067	1,909	14,928	.259	.269	.230	.03	.03	-.03				
c. SElearnsup	1,589	2.93	2.80	2.80	2.85	.022	.004	.007	.008	.89	.92	.94	.91	1,717	1,917	2,005	.000	.000	.002	.14	.14	.08				

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Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Temple	Comparisons with:				Temple	Comparisons with:			Temple	Comparisons with:			Comparisons with:			Comparisons with:									
		Temple	Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers		Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers	Carnegie Class Peers	Urban Peers	Custom Peers							
d. SEdiverse	1,583	2.79	2.57	2.59	2.55	.024	.005	.008	.009	.95	1.00	1.01	.99	1,715	1,916	2,013	.000	.000	.000	.22	.19	.23				
e. SEsocial	1,583	2.92	2.89	2.85	2.94	.023	.004	.007	.008	.90	.90	.94	.89	43,979	1,904	14,892	.261	.002	.296	.03	.08	-.03				
f. SEwellness	1,578	2.80	2.83	2.79	2.86	.024	.005	.007	.008	.95	.94	.97	.93	43,887	19,127	1,954	.268	.665	.020	-.03	.01	-.06				
g. SEnonacad	1,576	2.11	2.05	2.05	2.10	.026	.005	.007	.008	1.03	.97	.99	.97	1,680	1,845	1,923	.021	.015	.588	.06	.07	.02				
h. SEactivities	1,571	2.78	2.80	2.69	2.88	.024	.005	.007	.008	.95	.95	.99	.93	43,771	1,890	1,945	.585	.000	.000	-.01	.10	-.11				
i. SEevents	1,568	2.45	2.41	2.37	2.47	.025	.005	.007	.008	.98	.95	.97	.94	1,677	18,984	1,923	.181	.002	.472	.04	.08	-.02				
15 a. tmprephrs	1,578	13.55	15.11	15.15	15.15	.216	.044	.069	.078	8.58	9.01	9.10	9.03	1,709	1,910	2,014	.000	.000	.000	-.17	-.18	-.18				
b. tmcocurrhrs	1,569	4.67	5.22	4.20	5.70	.170	.033	.049	.061	6.73	6.84	6.50	7.06	1,691	18,993	2,001	.002	.007	.000	-.08	.07	-.15				
c. tmworkonhrs	1,568	3.95	4.38	3.56	4.44	.190	.038	.057	.068	7.52	7.76	7.49	7.78	1,693	19,015	1,986	.025	.050	.015	-.06	.05	-.06				
d. tmworkoffhrs	1,564	12.24	9.80	12.65	9.31	.307	.060	.099	.105	12.15	12.22	13.11	12.09	43,516	1,905	14,729	.000	.212	.000	.20	-.03	.24				
— tmworkhrs	1,549	16.09	14.06	16.10	13.62	.329	.063	.102	.112	12.96	12.81	13.47	12.85	43,247	1,860	14,619	.000	.984	.000	.16	.00	.19				
e. tmservicehrs	1,565	3.38	2.93	3.11	2.87	.154	.025	.041	.043	6.08	5.09	5.36	4.97	1,647	1,790	1,821	.004	.086	.001	.09	.05	.10				
f. tmrelaxhrs	1,571	11.19	11.64	10.58	11.58	.205	.040	.062	.071	8.11	8.28	8.13	8.18	43,577	18,989	14,763	.032	.004	.068	-.06	.07	-.05				
g. tmcarehrs	1,565	4.35	4.24	5.98	4.20	.226	.045	.082	.082	8.95	9.29	10.74	9.40	43,509	1,993	14,755	.644	.000	.549	.01	-.15	.02				
h. tmcommutehrs	1,578	6.10	5.14	5.74	4.85	.154	.026	.043	.045	6.12	5.27	5.71	5.13	1,665	1,834	1,850	.000	.028	.000	.18	.06	.24				
16. reading	1,568	2.90	2.74	2.85	2.67	.029	.006	.009	.010	1.14	1.21	1.21	1.20	1,700	1,899	2,002	.000	.156	.000	.13	.04	.19				
— tmreadinghrs	1,557	6.68	6.79	7.26	6.54	.156	.030	.049	.052	6.16	6.16	6.48	6.01	43,447	1,879	14,738	.479	.000	.388	-.02	-.09	.02				
17 a. pgwrite	1,578	3.14	2.93	2.97	2.92	.021	.004	.007	.008	.84	.92	.93	.91	1,722	1,939	2,042	.000	.000	.000	.23	.19	.24				
b. pgspeak	1,573	3.01	2.85	2.88	2.89	.024	.005	.007	.008	.93	.95	.96	.94	1,697	1,884	1,971	.000	.000	.000	.16	.14	.13				
c. pgthink	1,572	3.34	3.28	3.26	3.30	.019	.004	.006	.007	.76	.80	.82	.79	43,587	1,912	14,778	.004	.000	.069	.07	.09	.05				
d. pganalyze	1,570	2.90	2.91	2.91	2.93	.025	.005	.007	.008	.97	.98	.97	.97	43,572	18,941	14,749	.677	.617	.156	-.01	-.01	-.04				
e. pgwork	1,571	3.00	2.88	2.86	2.95	.024	.005	.008	.009	.96	.99	1.00	.98	1,697	1,896	1,980	.000	.000	.081	.12	.14	.05				
f. pgothers	1,568	3.09	3.00	2.98	3.05	.022	.004	.007	.008	.88	.90	.92	.89	43,513	18,946	14,760	.000	.000	.091	.10	.12	.05				
g. pgvalues	1,569	2.88	2.70	2.71	2.75	.025	.005	.008	.009	.99	1.02	1.04	1.01	1,696	1,893	1,982	.000	.000	.000	.18	.17	.13				
h. pgdiverse	1,575	3.05	2.77	2.80	2.76	.023	.005	.008	.009	.91	.99	1.01	.99	1,716	1,937	2,040	.000	.000	.000	.29	.25	.30				
i. pgprobsolve	1,571	2.90	2.79	2.78	2.83	.024	.005	.007	.008	.94	.97	.99	.96	1,696	1,895	1,977	.000	.000	.004	.11	.12	.08				
j. pgcitizen	1,565	2.78	2.61	2.61	2.63	.025	.005	.008	.009	.99	1.00	1.02	.99	1,687	1,878	1,960	.000	.000	.000	.17	.17	.15				
18. evalexp	1,577	3.25	3.24	3.20	3.30	.019	.004	.006	.007	.76	.76	.77	.75	43,786	19,086	14,830	.610	.028	.011	.01	.06	-.07				
19. sameinst	1,573	3.23	3.25	3.23	3.31	.021	.004	.006	.007	.82	.83	.84	.82	43,828	19,091	14,845	.512	.723	.001	-.02	.01	-.09				

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."
- 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 N s 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."