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# NSSE 2014

## Frequencies and Statistical Comparisons

Shippensburg University of Pennsylvania

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2014 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 Web site ([nsse.iub.edu](http://nsse.iub.edu)) or contact a member of the NSSE team.

1. **Class level:** As reported by your institution.
2. **Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE Web site.
3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

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

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

		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
		NSSEville State				Public Master's L Large Public NSSE 2013 & 2014				Your seniors compared with								
		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. Doing the current school year, about how often have you done the following?</b>																		
<b>a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)</b>																		
	QRconclude	1	Never	68	6	8,616	14	8,407	13	43,329	13	2.9	2.6 ***	.31	2.6 ***	.28	2.6 ***	.28
		2	Sometimes	312	28	20,467	33	20,064	32	103,303	32							
		3	Often	374	36	19,337	32	19,953	33	100,187	33							
		4	Very often	298	30	12,371	21	13,018	22	66,650	22							
			Total	1,043	100	60,791	100	61,442	100	13,469	100							
<b>b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)</b>																		
	QRproblem	1	Never	147	14	12,110	20	17,115	20	8,855	19	2.6	2.4 ***	.20	2.4 ***	.20	2.4 ***	.18
		2	Sometimes	366	35	22,556	37	22,556	36	115,411	36							
		3	Often	294	28	14,007	23	14,452	27	84,466	27							
		4	Very often	234	23	9,888	17	10,058	17	52,057	17							
			Total	1,041	100	60,658	100	61,330	100	312,819	100							
<b>c. Evaluated what others have concluded from numerical information</b>																		
	QRevaluate	1	Never	110	10	11,688	19	11,280	18	56,993	18	2.7	2.4 ***	.29	2.4 ***	.27	2.4 ***	.26
		2	Sometimes	367	35	23,158	38	23,396	38	118,394	38							
		3	Often	333	32	16,466	28	17,101	28	87,844	28							
		4	Very often	231	23	9,140	15	9,355	16	48,722	16							
			Total	1,041	100	60,452	100	61,132	100	311,953	100							

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

8. **Key to symbols:**

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

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP Mean	PASSHE Mean	Effect size <sup>e</sup>	Carnegie Class Mean	Effect size <sup>e</sup>	NSSE 2013 & 2014 Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	8	3	132	3	2,115	3	7,256	3	<b>2.7</b>	2.8	-0.11	2.9 **	-0.16	2.9 *	-0.15	
		2	Sometimes	126	40	1,689	36	23,682	33	79,441	34								
		3	Often	109	37	1,727	37	25,491	35	86,363	35								
		4	Very often	59	20	1,161	25	20,751	28	69,155	28								
		Total		302	100	4,709	100	72,039	100	242,215	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	56	18	760	17	10,390	15	37,589	16	<b>2.4</b>	2.5 *	-0.12	2.6 ***	-0.20	2.5 **	-0.15	
		2	Sometimes	109	36	1,624	35	24,155	34	83,563	34								
		3	Often	100	35	1,443	31	21,598	30	70,805	29								
		4	Very often	37	11	865	18	15,568	21	49,172	20								
		Total		302	100	4,692	100	71,711	100	241,129	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	14	5	224	5	3,408	5	11,879	5	<b>3.0</b>	3.1	-0.08	3.1	-0.05	3.0	.00	
		2	Often	34	11	488	11	7,805	11	28,342	12								
		3	Sometimes	180	61	2,524	54	39,371	55	136,625	56								
		4	Never	69	23	1,444	30	20,893	28	63,583	26								
		Total		297	100	4,680	100	71,477	100	240,429	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	113	39	1,602	35	25,145	36	79,643	36	<b>1.9</b>	2.0 **	-0.16	2.0 *	-0.12	2.0 *	-0.13	
		2	Sometimes	121	40	1,827	38	27,937	39	95,238	39								
		3	Often	49	16	768	16	11,611	16	41,695	16								
		4	Very often	13	5	480	10	6,612	9	23,242	9								
		Total		296	100	4,677	100	71,305	100	239,818	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	23	9	378	9	7,502	11	20,035	9	<b>2.5</b>	2.5	-0.06	2.5	-0.02	2.6	-0.08	
		2	Sometimes	136	47	1,972	42	29,692	42	96,560	41								
		3	Often	94	31	1,625	34	22,766	31	80,766	33								
		4	Very often	40	14	680	15	11,205	15	42,036	17								
		Total		293	100	4,655	100	71,165	100	239,397	100								
f. Explained course material to one or more students	CLexplain	1	Never	11	4	171	4	4,156	6	10,225	5	<b>2.6</b>	2.7	-0.11	2.7	-0.06	2.7	-0.11	
		2	Sometimes	131	46	1,811	39	27,301	40	88,723	38								
		3	Often	98	35	1,745	38	25,785	37	90,488	38								
		4	Very often	44	15	828	18	12,138	18	44,285	19								
		Total		284	100	4,555	100	69,380	100	233,721	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014			
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options							Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	35	11	607	14	11,586	17	32,095	15	<b>2.6</b>	2.5	.02	2.5	.10	2.5	.03
		2	Sometimes	112	39	1,730	37	25,270	37	83,785	36							
		3	Often	90	31	1,370	30	20,126	29	71,161	30							
		4	Very often	51	18	869	19	12,495	18	46,851	19							
		Total		288	100	4,576	100	69,477	100	233,892	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	11	4	307	7	6,677	10	17,928	8	<b>2.7</b>	2.6	.11	2.6 *	.13	2.6	.10
		2	Sometimes	115	39	1,890	42	27,170	40	92,272	40							
		3	Often	116	41	1,595	35	23,476	34	81,085	34							
		4	Very often	45	16	765	16	11,874	17	41,642	17							
		Total		287	100	4,557	100	69,197	100	232,927	100							
i. Gave a course presentation	present	1	Never	32	10	1,036	24	13,912	20	45,893	21	<b>2.4</b>	2.2 ***	.31	2.3 **	.19	2.2 ***	.24
		2	Sometimes	126	44	2,043	44	29,553	43	105,008	45							
		3	Often	94	35	1,025	22	17,639	26	56,631	24							
		4	Very often	29	10	432	9	7,739	11	24,228	10							
		Total		281	100	4,536	100	68,843	100	231,760	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	14	5	269	6	4,817	7	14,489	7	<b>2.7</b>	2.7	-.05	2.7	-.01	2.7	-.03
		2	Sometimes	116	42	1,685	38	25,559	38	85,881	38							
		3	Often	96	35	1,633	36	24,469	36	83,617	36							
		4	Very often	46	18	891	20	12,902	19	44,002	19							
		Total		272	100	4,478	100	67,747	100	227,989	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	26	10	345	8	5,527	9	18,228	9	<b>2.5</b>	2.6	-.11	2.6 *	-.12	2.6	-.12
		2	Sometimes	113	42	1,774	40	25,563	38	86,663	39							
		3	Often	98	36	1,539	35	23,700	35	79,597	35							
		4	Very often	33	13	750	17	12,097	18	40,521	18							
		Total		270	100	4,408	100	66,887	100	225,009	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	30	11	487	11	6,212	10	20,972	10	<b>2.5</b>	2.5	-.06	2.6 *	-.14	2.6 *	-.13
		2	Sometimes	120	45	1,857	42	26,045	39	88,494	39							
		3	Often	86	32	1,371	31	22,780	33	76,201	33							
		4	Very often	33	13	702	16	11,883	18	39,477	17							
		Total		269	100	4,417	100	66,920	100	225,144	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014			
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options									Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	14	5	218	5	3,095	5	10,595	5	2.7	2.8	-.05	2.8	-.09	2.8	-.09
		2	Sometimes	98	36	1,559	35	21,725	32	73,171	33							
		3	Often	113	43	1,799	41	28,079	42	94,893	42							
		4	Very often	42	17	842	20	13,897	21	45,992	21							
		Total		267	100	4,418	100	66,796	100	224,651	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	11	4	168	4	2,320	4	7,902	4	2.8	2.8	-.11	2.9 *	-.14	2.9 *	-.13
		2	Sometimes	96	34	1,359	31	19,580	29	66,713	30							
		3	Often	114	44	1,841	41	28,171	42	94,926	42							
		4	Very often	49	18	1,032	24	16,492	25	54,519	24							
		Total		270	100	4,400	100	66,563	100	224,060	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	10	3	123	3	1,861	3	6,181	3	2.7	2.8 **	-.20	2.9 ***	-.21	2.9 ***	-.20
		2	Sometimes	111	42	1,401	32	20,522	31	69,199	32							
		3	Often	103	38	1,869	42	28,066	42	94,498	42							
		4	Very often	46	17	1,005	23	15,932	24	53,437	23							
		Total		270	100	4,398	100	66,381	100	223,315	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	59	2	1,026	2	3,157	2	3.0	3.1	-.04	3.1	-.04	3.1	-.05
		2	Sometimes	65	25	939	22	13,873	22	45,744	21							
		3	Often	119	43	1,967	44	29,381	44	99,787	45							
		4	Very often	79	31	1,407	32	21,780	33	73,441	33							
		Total		267	100	4,372	100	66,060	100	222,129	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	63	24	933	22	14,501	23	46,738	22	2.1	2.2	-.11	2.2	-.11	2.2 *	-.12
		2	Sometimes	131	50	2,030	46	30,117	45	102,923	46							
		3	Often	47	17	942	21	14,388	21	49,020	21							
		4	Very often	23	9	472	11	7,361	11	24,389	11							
		Total		264	100	4,377	100	66,367	100	223,070	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	158	61	2,226	51	35,432	54	113,933	52	1.6	1.8 ***	-.20	1.7 **	-.15	1.7 **	-.17
		2	Sometimes	68	25	1,286	29	18,773	28	66,878	29							
		3	Often	25	10	555	13	7,653	12	27,281	12							
		4	Very often	11	4	293	7	4,209	7	14,039	6							
		Total		262	100	4,360	100	66,067	100	222,131	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options									Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	100	38	1,444	33	22,400	34	68,797	32	<b>1.9</b>	2.0 *	-0.16	2.0 *	-0.14	2.0 **	-0.17
		2	Sometimes	114	45	1,849	42	27,367	41	96,180	42							
		3	Often	33	13	763	18	11,189	17	39,774	18							
		4	Very often	14	5	302	7	5,039	8	17,069	8							
		Total		261	100	4,358	100	65,995	100	221,820	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	85	32	1,110	25	16,692	26	52,923	25	<b>2.0</b>	2.1 *	-0.16	2.1 *	-0.15	2.1 *	-0.16
		2	Sometimes	116	44	1,977	45	30,233	46	104,081	46							
		3	Often	43	16	900	21	12,947	20	44,725	20							
		4	Very often	18	7	357	9	5,850	9	19,290	9							
		Total		262	100	4,344	100	65,722	100	221,019	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	4	1	118	3	2,555	4	8,822	4	<b>3.0</b>	3.0	.00	3.0	.07	3.0	.08
		2	Some	54	21	916	22	15,810	24	54,805	25							
		3	Quite a bit	133	51	1,984	45	28,482	43	95,549	43							
		4	Very much	72	26	1,347	30	19,142	29	62,732	28							
		Total		263	100	4,365	100	65,989	100	221,908	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	12	4	150	4	2,278	4	7,232	4	<b>2.9</b>	3.0	-0.12	3.0	-0.11	3.0 *	-0.14
		2	Some	69	26	1,007	23	15,452	24	49,841	23							
		3	Quite a bit	126	49	1,975	45	29,313	44	98,589	44							
		4	Very much	55	21	1,214	27	18,621	28	65,170	29							
		Total		262	100	4,346	100	65,664	100	220,832	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	3	185	5	2,448	4	7,970	4	<b>2.9</b>	2.9	-0.03	3.0	-0.09	3.0	-0.10
		2	Some	72	27	1,106	26	15,399	24	50,764	24							
		3	Quite a bit	119	47	1,831	43	27,910	42	93,785	42							
		4	Very much	61	23	1,200	27	19,651	30	67,427	30							
		Total		261	100	4,322	100	65,408	100	219,946	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	7	2	180	4	2,419	4	8,941	4	<b>2.9</b>	2.9	.08	2.9	-0.01	2.9	.02
		2	Some	73	27	1,189	28	16,054	25	55,176	26							
		3	Quite a bit	115	45	1,903	44	28,633	43	95,273	43							
		4	Very much	67	26	1,051	24	18,286	28	60,584	27							
		Total		262	100	4,323	100	65,392	100	219,974	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP Mean	PASSHE Mean	Effect size <sup>e</sup>	Carnegie Class Mean	Effect size <sup>e</sup>	NSSE 2013 & 2014 Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	17	6	201	5	2,892	5	10,054	5	<b>2.8</b>	2.9	-.07	2.9 *	-.12	2.9	-.11
		2	Some	74	28	1,185	28	16,569	26	56,528	26							
		3	Quite a bit	113	44	1,829	42	27,871	42	93,114	42							
		4	Very much	58	22	1,095	25	17,908	27	59,749	27							
		Total		262	100	4,310	100	65,240	100	219,445	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	2	80	2	1,194	2	3,909	2	<b>3.2</b>	3.2	.10	3.2	.08	3.2	.10
		2	Some	29	11	710	17	10,708	17	36,485	17							
		3	Quite a bit	133	48	1,951	45	28,810	43	99,454	44							
		4	Very much	100	39	1,606	37	25,140	38	81,701	37							
		Total		266	100	4,347	100	65,852	100	221,549	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	2	103	3	1,654	3	5,093	3	<b>3.1</b>	3.1	-.03	3.1	-.05	3.1	-.05
		2	Some	51	19	800	18	11,639	18	38,568	18							
		3	Quite a bit	131	48	2,010	46	29,392	44	101,456	45							
		4	Very much	76	30	1,428	33	23,003	35	75,810	34							
		Total		264	100	4,341	100	65,688	100	220,927	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	7	3	116	3	2,009	3	6,198	3	<b>3.1</b>	3.1	.00	3.1	-.01	3.1	.00
		2	Some	45	18	847	20	12,603	20	41,962	20							
		3	Quite a bit	126	46	1,794	41	26,514	40	90,796	41							
		4	Very much	88	34	1,563	36	24,388	37	81,396	36							
		Total		266	100	4,320	100	65,514	100	220,352	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	18	6	315	7	4,377	7	16,094	8	<b>2.9</b>	2.9	.03	2.9	-.04	2.9	.02
		2	Some	76	29	1,242	28	16,909	26	59,253	27							
		3	Quite a bit	100	37	1,566	36	23,324	36	79,143	35							
		4	Very much	71	29	1,194	28	20,829	32	65,767	29							
		Total		265	100	4,317	100	65,439	100	220,257	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	27	10	387	9	4,906	8	16,986	8	<b>2.8</b>	2.8	.04	2.8	-.05	2.8	.00
		2	Some	73	26	1,326	30	18,238	28	63,368	29							
		3	Quite a bit	100	39	1,540	36	23,938	36	82,410	37							
		4	Very much	62	25	1,058	25	18,126	28	56,584	26							
		Total		262	100	4,311	100	65,208	100	219,348	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
			SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		<i>Your first-year students compared with</i>								
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Effect size <sup>e</sup>	Carnegie Class	Effect size <sup>e</sup>	NSSE 2013 & 2014	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	48	15	701	15	9,946	14	31,737	14	<b>2.4</b>	2.5	-0.10	2.5 *	-0.15	2.6 **	-0.17	
		2	Sometimes	110	42	1,623	37	23,716	35	78,490	35								
		3	Often	79	31	1,352	32	21,363	33	73,416	34								
		4	Very often	29	12	665	16	10,704	17	37,423	18								
		Total		266	100	4,341	100	65,729	100	221,066	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	64	22	1,045	23	15,264	23	50,251	22	<b>2.2</b>	2.2	-0.01	2.3	-0.04	2.3	-0.04	
		2	Sometimes	113	43	1,755	41	26,384	40	88,538	40								
		3	Often	61	23	1,077	25	16,360	26	56,216	26								
		4	Very often	28	12	456	11	7,545	12	25,569	12								
		Total		266	100	4,333	100	65,553	100	220,574	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	72	25	1,103	24	15,454	23	48,440	22	<b>2.1</b>	2.2	-0.07	2.2	-0.10	2.3 *	-0.13	
		2	Sometimes	114	44	1,731	40	26,723	41	90,677	41								
		3	Often	54	22	1,067	25	16,279	25	57,263	26								
		4	Very often	25	9	409	10	6,784	11	23,212	11								
		Total		265	100	4,310	100	65,240	100	219,592	100								
<b>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.)</b>																			
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	1	1	217	6	2,478	4	8,202	5	<b>6.5</b>	5.9	.11	6.7	-0.04	6.8	-0.06	
		1.5	1-2	46	19	960	24	11,229	19	36,835	19								
		4	3-5	89	38	1,336	33	18,957	32	62,767	32								
		8	6-10	68	26	909	23	15,286	25	51,859	25								
		13	11-15	28	11	323	8	6,413	10	22,468	10								
		18	16-20	4	2	129	3	2,848	4	10,281	5								
		23	More than 20	10	4	152	4	2,958	5	10,583	5								
Total		246	100	4,026	100	60,169	100	202,995	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	69	30	1,687	43	19,778	35	61,078	33	<b>1.7</b>	1.6	.05	2.0 *	-0.11	2.1 **	-0.14	
		1.5	1-2	122	51	1,540	39	24,296	41	84,000	42								
		4	3-5	36	15	484	12	9,808	16	36,655	18								
		8	6-10	10	4	143	4	3,159	5	11,336	6								
		13	11-15	1	0	30	1	673	1	2,432	1								
		18	16-20	0	0	4	0	191	0	729	0								
		23	More than 20	0	0	11	0	230	0	717	0								
Total		238	100	3,899	100	58,135	100	196,947	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP Mean	PASSHE Mean	Effect size <sup>e</sup>	Carnegie Class Mean	Effect size <sup>e</sup>	NSSE 2013 & 2014 Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	187	81	3,100	81	44,196	78	144,172	76	<b>.4</b>	.6	-.08	.8 **	-0.13	.8 ***	-0.14	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	39	17	577	15	9,090	16	35,387	17								
		4	3-5	4	1	74	2	1,549	3	5,680	3								
		8	6-10	0	0	36	1	692	1	2,457	1								
		13	11-15	1	0	22	1	507	1	1,493	1								
		18	16-20	0	0	12	0	200	0	662	0								
		23	More than 20	1	0	14	0	291	1	934	1								
		Total			232	100	3,835	100	56,525	100	190,785	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.)									<b>38.1</b>	37.5	.01	45.2 **	-0.13	47.0 ***	-0.15	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	10	4	206	5	3,172	5	9,637	5	<b>2.9</b>	3.0	-.06	3.1 *	-0.14	3.1 *	-0.15	
		2	Sometimes	71	30	1,105	27	14,616	23	48,525	23								
		3	Often	81	33	1,253	31	18,141	30	60,317	29								
		4	Very often	86	33	1,521	37	25,410	42	88,146	42								
			Total	248	100	4,085	100	61,339	100	206,625	100								
b. People from an economic background other than your own	DDeconomic	1	Never	11	5	192	5	3,076	5	8,773	5	<b>2.9</b>	3.0	-.09	3.1 *	-0.13	3.1 **	-0.17	
		2	Sometimes	64	26	979	24	13,696	22	44,544	22								
		3	Often	97	39	1,453	35	20,709	34	69,406	34								
		4	Very often	76	30	1,449	35	23,707	39	83,346	40								
			Total	248	100	4,073	100	61,188	100	206,069	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	16	7	257	7	4,197	7	13,062	7	<b>2.9</b>	3.0	-.06	3.0	-.05	3.0	-.09	
		2	Sometimes	69	28	1,000	25	15,851	26	51,129	25								
		3	Often	74	31	1,307	32	18,226	30	60,867	30								
		4	Very often	89	34	1,510	37	22,720	37	80,489	39								
			Total	248	100	4,074	100	60,994	100	205,547	100								
d. People with political views other than your own	DDpolitical	1	Never	18	7	274	7	4,370	8	12,997	7	<b>2.9</b>	3.0	-.03	3.0	-.02	3.0	-.06	
		2	Sometimes	64	26	1,008	25	15,608	25	51,773	25								
		3	Often	84	34	1,326	33	19,075	31	63,718	31								
		4	Very often	82	33	1,451	35	21,710	36	76,305	38								
			Total	248	100	4,059	100	60,763	100	204,793	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		<i>Your first-year students compared with</i>							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Effect size <sup>e</sup>	Carnegie Class	Effect size <sup>e</sup>	NSSE 2013 & 2014	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	1	0	77	2	821	1	2,858	2	<b>3.1</b>	3.1	.03	3.2	-.04	3.2	-.04	
		2	Sometimes	38	17	751	19	10,578	18	35,151	18								
		3	Often	129	53	1,849	45	26,264	43	88,334	43								
		4	Very often	79	31	1,398	34	23,274	37	78,989	37								
		Total		247	100	4,075	100	60,937	100	205,332	100								
b. Reviewed your notes after class	LSnotes	1	Never	14	5	190	5	2,779	5	9,819	5	<b>2.9</b>	3.0	-.11	2.9	-.10	2.9	-.08	
		2	Sometimes	75	31	1,081	28	17,160	29	60,543	30								
		3	Often	90	37	1,385	34	20,329	33	68,159	33								
		4	Very often	68	27	1,406	33	20,467	33	66,192	32								
		Total		247	100	4,062	100	60,735	100	204,713	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	12	5	251	6	3,698	6	12,744	7	<b>2.8</b>	2.9	-.06	2.9	-.05	2.8	-.04	
		2	Sometimes	81	33	1,155	29	17,754	30	61,501	31								
		3	Often	96	39	1,494	37	21,293	35	72,051	36								
		4	Very often	55	23	1,135	27	17,316	28	56,160	27								
		Total		244	100	4,035	100	60,061	100	202,456	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	0	0	15	1	232	0	792	0	<b>5.3</b>	5.5 *	-.13	5.6 **	-.18	5.6 **	-.18	
		2		5	2	31	1	533	1	1,903	1								
		3		6	2	112	3	1,699	3	5,627	3								
		4		21	8	430	11	5,694	10	19,187	10								
		5		108	46	1,341	33	18,975	32	63,732	31								
		6		70	28	1,306	31	19,285	31	67,385	32								
		7	Very much	35	13	820	20	14,263	23	45,929	22								
		Total		245	100	4,055	100	60,681	100	204,555	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	19	8	385	10	6,992	12	21,250	11	<b>7%</b>	6%	.04	8%	-.04	9%	-.07	
			Do not plan to do	4	2	117	3	2,876	5	8,514	5								
			Plan to do	207	83	3,330	80	46,199	75	157,394	76								
			Done or in progress	16	7	230	6	4,606	8	17,411	9								
			Total		246	100	4,062	100	60,673	100	204,569								100

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
			SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with								
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
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	83	33	1,211	30	17,346	28	55,829	27	<b>10%</b>	11%	-0.05	11%	-0.05	12%	-0.08	
			Do not plan to do	48	20	906	23	15,558	26	46,718	24								
			Plan to do	88	37	1,493	36	20,978	34	76,915	36								
			Done or in progress	25	10	445	11	6,583	11	24,429	12								
			Total	244	100	4,055	100	60,465	100	203,891	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	97	40	1,358	34	19,924	32	64,970	31	<b>12%</b>	14%	-0.06	14%	-0.05	15%	-0.09	
			Do not plan to do	69	28	1,079	27	16,516	27	56,776	28								
			Plan to do	50	20	1,022	25	15,580	26	51,507	25								
			Done or in progress	30	12	587	14	8,304	14	30,172	15								
			Total	246	100	4,046	100	60,324	100	203,425	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	83	34	1,236	31	17,301	29	54,676	27	<b>3%</b>	2%	.00	3%	-0.05	4%	-0.06	
			Do not plan to do	75	33	1,368	35	17,425	30	51,695	27								
			Plan to do	80	31	1,338	32	23,686	38	90,054	42								
			Done or in progress	6	3	98	2	1,920	3	6,956	4								
			Total	244	100	4,040	100	60,332	100	203,381	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	106	43	1,650	41	23,727	39	76,557	38	<b>3%</b>	5%	-0.10	5%	-0.12	5%	-0.14	
			Do not plan to do	65	25	1,103	27	15,491	25	46,085	23								
			Plan to do	68	29	1,092	28	17,907	31	68,963	34								
			Done or in progress	7	3	178	5	2,875	5	10,802	5								
			Total	246	100	4,023	100	60,000	100	202,407	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	97	41	1,396	35	19,806	33	61,497	31	<b>2%</b>	3%	-0.02	3%	-0.02	3%	-0.03	
			Do not plan to do	29	12	425	11	6,115	11	18,254	10								
			Plan to do	112	45	2,096	51	32,602	54	117,448	56								
			Done or in progress	5	2	105	3	1,514	3	5,320	3								
			Total	243	100	4,022	100	60,037	100	202,519	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse	1	None	134	55	1,925	49	27,026	47	96,052	49	<b>1.5</b>	1.6 **	-0.17	1.6 ***	-0.22	1.6 **	-0.18	
			2	Some	101	42	1,783	44	27,787	45	90,753								44
			3	Most	6	3	265	7	4,349	7	12,948								6
			4	All	0	0	33	1	715	1	2,178								1
			Total	241	100	4,006	100	59,877	100	201,931	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	5	2	72	2	911	2	2,877	2	<b>5.4</b>	5.5	-.08	5.6	-.12	5.6 *	-.13	
		2		7	3	115	3	1,237	2	3,936	2								
		3		11	4	171	5	2,624	5	8,504	4								
		4		27	10	397	10	5,856	10	19,124	10								
		5		71	30	939	23	13,380	22	45,108	22								
		6		66	27	1,186	29	17,452	28	61,035	29								
		7	Excellent	59	24	1,150	28	18,549	30	62,432	30								
		—	Not applicable	1	0	20	1	539	1	1,188	1								
			Total	247	100	4,050	100	60,548	100	204,204	100								
b. Academic advisors	QIadvisor	1	Poor	14	5	241	6	2,686	5	7,971	4	<b>4.9</b>	4.9	-.01	5.1	-.12	5.1 *	-.15	
		2		22	9	288	7	3,427	6	10,704	5								
		3		27	10	392	10	5,018	8	16,477	8								
		4		36	15	592	14	8,104	13	27,258	13								
		5		36	14	785	19	11,262	19	39,663	19								
		6		51	21	822	20	12,811	21	44,296	21								
		7	Excellent	54	23	876	22	15,656	25	52,886	26								
		—	Not applicable	5	2	54	2	1,467	3	4,490	2								
			Total	245	100	4,050	100	60,431	100	203,745	100								
c. Faculty	QIfaculty	1	Poor	3	1	86	2	1,193	2	3,735	2	<b>5.2</b>	5.2	.06	5.3	-.01	5.3	-.02	
		2		10	4	132	3	1,966	4	6,236	3								
		3		16	6	290	7	3,808	7	12,428	6								
		4		30	12	615	15	7,844	13	26,340	13								
		5		71	27	1,061	26	14,238	24	48,921	24								
		6		72	29	1,103	27	16,835	27	58,609	28								
		7	Excellent	42	18	711	18	13,547	22	44,587	22								
		—	Not applicable	2	1	22	1	629	1	1,774	1								
			Total	246	100	4,020	100	60,060	100	202,630	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014			
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options							Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	11	4	211	5	3,090	6	9,000	5	<b>4.9</b>	4.8	.06	4.9	-.03	4.9	-.05
		2		11	4	225	5	2,912	5	9,598	5							
		3		31	13	378	9	4,521	8	14,967	7							
		4		26	11	605	15	7,901	13	27,403	13							
		5		55	22	860	21	11,749	19	41,875	20							
		6		60	25	804	20	12,539	20	44,444	21							
		7	Excellent	35	14	607	15	11,169	18	37,470	18							
		—	Not applicable	18	7	352	9	6,306	11	18,239	10							
	Total	247	100	4,042	100	60,187	100	202,996	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	13	5	279	7	3,086	6	9,840	5	<b>4.9</b>	4.6 *	.15	4.8	.02	4.8	.02
		2		11	5	299	7	3,683	6	11,906	6							
		3		24	9	372	9	5,079	9	16,934	8							
		4		31	12	643	16	8,573	14	29,684	15							
		5		54	22	850	21	12,185	20	42,142	21							
		6		55	24	787	19	12,471	20	43,034	21							
		7	Excellent	35	15	560	14	11,593	19	36,593	18							
		—	Not applicable	21	8	249	6	3,556	6	12,939	7							
	Total	244	100	4,039	100	60,226	100	203,072	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	61	2	846	2	2,806	2	<b>3.1</b>	3.1	-.04	3.2	-.11	3.2 *	-.13
		2	Some	42	18	619	17	8,295	16	26,523	15							
		3	Quite a bit	117	54	1,795	47	25,380	45	84,225	44							
		4	Very much	68	28	1,332	34	22,045	38	77,623	39							
			Total	227	100	3,807	100	56,566	100	191,177	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	8	4	154	4	1,942	4	6,063	4	<b>3.1</b>	3.0	.07	3.1	-.03	3.1	-.04
		2	Some	37	17	749	20	10,059	19	33,289	19							
		3	Quite a bit	104	47	1,647	44	22,281	40	75,912	40							
		4	Very much	76	33	1,225	32	21,900	37	74,837	38							
			Total	225	100	3,775	100	56,182	100	190,101	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	9	4	283	8	3,093	6	9,448	5	<b>3.2</b>	3.0 *	.16	3.1	.05	3.1	.04
		2	Some	32	15	667	18	8,951	17	30,592	17							
		3	Quite a bit	84	39	1,409	37	19,761	36	67,644	36							
		4	Very much	98	41	1,418	37	24,463	42	82,471	42							
			Total	223	100	3,777	100	56,268	100	190,155	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014			
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options							Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	35	15	482	13	6,530	12	21,312	12	<b>2.6</b>	2.7	-.10	2.7 **	-.18	2.7 **	-.17
		2	Some	77	34	1,142	30	15,919	29	54,864	29							
		3	Quite a bit	69	31	1,265	33	18,240	32	62,275	33							
		4	Very much	46	20	903	23	15,627	27	52,028	27							
		Total		227	100	3,792	100	56,316	100	190,479	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	13	5	171	5	3,383	6	9,805	6	<b>3.1</b>	3.0	.04	3.0	.07	3.0	.04
		2	Some	40	18	817	22	11,926	22	39,010	21							
		3	Quite a bit	96	43	1,475	39	20,869	37	72,137	38							
		4	Very much	77	34	1,325	34	20,088	34	69,303	35							
		Total		226	100	3,788	100	56,266	100	190,255	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	15	6	217	7	3,846	7	11,279	7	<b>2.9</b>	3.0	-.10	3.0	-.07	3.0	-.10
		2	Some	55	25	764	20	11,634	22	39,088	21							
		3	Quite a bit	88	40	1,503	40	21,030	37	72,096	38							
		4	Very much	65	29	1,292	33	19,482	34	66,897	34							
		Total		223	100	3,776	100	55,992	100	189,360	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	59	25	774	21	11,323	21	36,990	21	<b>2.2</b>	2.4 **	-.18	2.4 ***	-.21	2.4 **	-.20
		2	Some	88	40	1,352	35	18,917	34	66,649	35							
		3	Quite a bit	55	26	1,049	28	15,936	28	53,903	28							
		4	Very much	22	10	598	16	9,795	17	31,668	16							
		Total		224	100	3,773	100	55,971	100	189,210	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	10	5	250	7	5,635	11	14,278	8	<b>2.9</b>	2.9	.03	2.8	.07	2.9	.00
		2	Some	57	25	949	25	12,914	24	42,836	23							
		3	Quite a bit	102	46	1,501	40	20,012	36	70,759	37							
		4	Very much	55	25	1,062	28	17,287	30	60,981	31							
		Total		224	100	3,762	100	55,848	100	188,854	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	27	12	497	14	8,705	16	24,989	14	<b>2.5</b>	2.6	-.03	2.6	-.02	2.6	-.06
		2	Some	88	40	1,307	35	17,335	32	59,740	32							
		3	Quite a bit	74	32	1,252	33	17,702	31	62,300	32							
		4	Very much	34	17	705	18	11,947	21	41,371	21							
		Total		223	100	3,761	100	55,689	100	188,400	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014	
												Your first-year students compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	13	0	233	0	779	1	<b>13.7</b>	12.8	.12	13.5	.03	14.3	-.07	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	21	10	595	16	8,422	16	24,821	14								
	8	6-10 hrs	66	31	1,059	28	14,191	26	43,833	24									
	13	11-15 hrs	58	26	884	23	12,252	22	40,732	21									
	18	16-20 hrs	29	13	602	16	9,602	17	34,236	17									
	23	21-25 hrs	26	12	336	8	5,741	10	21,947	11									
	28	26-30 hrs	12	5	161	4	3,051	5	12,209	6									
	33	More than 30 hrs	8	3	140	3	2,673	5	11,434	6									
Total				221	100	3,790	100	56,165	100	189,991	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	66	30	1,122	30	20,298	38	57,635	33	<b>5.5</b>	5.5	.00	4.9	.09	5.4	.02	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	81	35	1,384	36	18,796	32	66,023	33								
	8	6-10 hrs	39	18	614	16	7,877	14	30,749	16									
	13	11-15 hrs	14	6	295	8	4,109	7	16,235	8									
	18	16-20 hrs	12	6	190	5	2,442	4	9,561	5									
	23	21-25 hrs	3	1	81	2	1,194	2	4,518	2									
	28	26-30 hrs	2	1	31	1	485	1	1,857	1									
	33	More than 30 hrs	4	2	43	1	593	1	2,181	1									
Total				221	100	3,760	100	55,794	100	188,759	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	191	86	3,153	83	44,411	80	144,649	79	<b>1.6</b>	1.8	-.05	2.2 *	-.12	2.4 **	-.15	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	2	132	4	2,532	4	9,817	4								
	8	6-10 hrs	12	5	197	5	4,313	7	17,069	8									
	13	11-15 hrs	8	4	173	4	2,437	4	9,304	5									
	18	16-20 hrs	4	2	71	2	1,517	3	5,505	3									
	23	21-25 hrs	1	0	33	1	413	1	1,478	1									
	28	26-30 hrs	1	0	12	0	149	0	510	0									
	33	More than 30 hrs	1	0	10	0	269	1	1,220	1									
Total				223	100	3,781	100	56,041	100	189,552	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with						
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP Mean	PASSHE Mean	Effect size <sup>e</sup>	Carnegie Class Mean	Effect size <sup>e</sup>	NSSE 2013 & 2014 Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	157	71	2,736	72	37,824	67	136,367	70	<b>4.5</b>	4.4	.01	5.7 *	-.13	5.0	-.06
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	3	180	5	2,784	5	9,246	5							
		8	6-10 hrs	15	8	179	5	2,935	5	9,178	5							
		13	11-15 hrs	14	6	195	5	2,687	5	8,288	5							
		18	16-20 hrs	13	5	191	5	2,817	5	8,451	5							
		23	21-25 hrs	5	2	125	3	1,998	4	5,698	3							
		28	26-30 hrs	8	3	70	2	1,212	2	3,422	2							
		33	More than 30 hrs	4	2	93	3	3,516	6	8,001	5							
		Total			223	100	3,769	100	55,773	100	188,651	100						
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>6.0</b>	6.1	-.01	7.8 **	-.16	7.3	-.12
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	151	71	2,161	59	30,995	57	104,610	57	<b>1.5</b>	2.3 **	-.18	2.4 ***	-.20	2.4 ***	-.20
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	21	1,191	31	18,127	31	63,029	32							
		8	6-10 hrs	12	6	191	5	3,451	6	10,835	6							
		13	11-15 hrs	1	0	101	3	1,411	3	4,403	2							
		18	16-20 hrs	0	0	43	1	763	1	2,433	1							
		23	21-25 hrs	0	0	22	1	318	1	1,073	1							
		28	26-30 hrs	1	1	10	0	149	0	408	0							
		33	More than 30 hrs	1	0	10	0	207	0	620	0							
		Total			215	100	3,729	100	55,421	100	187,411	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	0	38	1	1,092	2	3,011	2	<b>13.1</b>	13.4	-.04	12.4	.09	12.6	.06
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	41	17	667	18	12,697	23	39,258	21							
		8	6-10 hrs	63	29	988	25	14,816	26	50,913	26							
		13	11-15 hrs	43	19	801	21	10,697	19	38,054	20							
		18	16-20 hrs	33	15	555	15	7,216	13	25,340	13							
		23	21-25 hrs	21	10	320	9	3,949	7	13,776	7							
		28	26-30 hrs	5	2	155	4	1,900	3	6,561	4							
		33	More than 30 hrs	14	6	235	7	3,258	6	11,221	6							
		Total			221	100	3,759	100	55,625	100	188,134	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		<i>Your first-year students compared with</i>							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	190	85	2,996	79	39,607	71	144,102	75	<b>.9</b>	2.0 *** ▼	-0.19	3.7 *** ▼	-0.33	3.0 *** ▼	-0.28	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	22	10	404	11	6,466	12	19,322	11								
	8	6-10 hrs	7	3	131	4	2,738	5	7,757	5									
	13	11-15 hrs	0	0	70	2	1,627	3	4,544	3									
	18	16-20 hrs	1	1	56	2	1,082	2	3,003	2									
	23	21-25 hrs	0	0	26	1	601	1	1,648	1									
	28	26-30 hrs	0	0	11	0	401	1	1,021	1									
	33	More than 30 hrs	2	1	52	2	2,972	5	6,358	4									
	Total		222	100	3,746	100	55,494	100	187,755	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	132	60	1,949	51	25,146	41	85,451	41	<b>1.9</b>	2.9 *** ▼	-0.21	3.7 *** ▼	-0.33	3.7 *** ▼	-0.32	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	31	1,222	33	19,857	38	69,155	39								
	8	6-10 hrs	13	6	354	10	6,280	12	19,770	12									
	13	11-15 hrs	3	1	104	3	2,250	5	6,964	4									
	18	16-20 hrs	0	0	55	2	988	2	3,247	2									
	23	21-25 hrs	1	1	27	1	453	1	1,547	1									
	28	26-30 hrs	0	0	14	0	245	0	740	0									
	33	More than 30 hrs	1	0	27	1	495	1	1,592	1									
	Total		221	100	3,752	100	55,714	100	188,466	100									
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	11	5	255	11	3,132	9	11,134	10	<b>3.3</b>	2.8 *** ▲	.47	2.9 *** ▲	.33	2.9 *** ▲	.37	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	34	17	808	32	9,973	30	34,245	31								
	3	About half	77	37	827	33	10,376	30	34,964	30									
	4	Most	70	29	475	18	7,644	22	26,234	21									
	5	Almost all	30	12	160	6	2,791	8	9,774	8									
	Total		222	100	2,525	100	33,916	100	116,351	100									
	tmreadinghrs											<b>7.9</b>	6.0 *** ▲	.36	6.6 *** ▲	.23	6.8 ** ▲	.18	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	SHIP Mean	PASSHE Mean	Effect size <sup>e</sup>	Carnegie Class Mean	Effect size <sup>e</sup>	NSSE 2013 & 2014 Mean	Effect size <sup>e</sup>	
	tmreadinghrscol	1	0 hrs	1	0	8	1	137	0	459	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	72	35	1,362	56	16,555	50	53,197	49								
		3	More than 5, up to 10 hrs	82	38	746	29	10,013	30	35,157	30								
		4	More than 10, up to 15 hrs	36	16	210	8	3,558	10	13,219	10								
		5	More than 15, up to 20 hrs	14	6	83	3	1,781	5	7,094	5								
		6	More than 20, up to 25 hrs	10	4	74	3	1,202	3	4,778	4								
		7	More than 25 hrs	3	1	32	1	478	1	1,832	1								
			Total	218	100	2,515	100	33,724	100	115,736	100								
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	8	3	242	7	3,579	7	13,676	8	<b>3.0</b>	2.9	.08	2.9	.04	2.9	.10	
		2	Some	63	26	960	25	13,335	24	47,129	25								
		3	Quite a bit	89	41	1,557	41	22,500	40	75,861	40								
		4	Very much	63	29	1,009	27	16,525	29	52,549	27								
			Total	223	100	3,768	100	55,939	100	189,215	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	13	5	402	11	5,496	10	21,165	12	<b>2.8</b>	2.7	.10	2.8	.04	2.7 *	.12	
		2	Some	67	30	1,110	29	15,978	29	56,788	30								
		3	Quite a bit	99	45	1,432	38	20,760	37	68,968	36								
		4	Very much	43	20	818	22	13,516	24	41,680	22								
			Total	222	100	3,762	100	55,750	100	188,601	100								
c. Thinking critically and analytically	pgthink	1	Very little	6	3	128	3	1,792	3	6,138	4	<b>3.0</b>	3.0	-.07	3.1 *	-.13	3.1 *	-.13	
		2	Some	49	22	769	20	10,420	19	34,594	19								
		3	Quite a bit	110	48	1,686	44	23,382	42	79,961	42								
		4	Very much	57	27	1,181	32	20,149	36	67,862	35								
			Total	222	100	3,764	100	55,743	100	188,555	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	37	14	572	15	8,453	14	28,369	14	<b>2.5</b>	2.6	-.08	2.6	-.12	2.6 *	-.14	
		2	Some	84	39	1,278	33	17,958	32	59,411	31								
		3	Quite a bit	68	31	1,222	33	18,090	33	61,904	33								
		4	Very much	32	16	684	19	11,212	21	38,783	21								
			Total	221	100	3,756	100	55,713	100	188,467	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		Your first-year students compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	36	16	460	13	7,651	15	25,199	14	<b>2.5</b>	2.6 *	-0.15	2.6	-0.11	2.6	-0.12
		2	Some	79	36	1,199	32	17,059	31	58,348	31							
		3	Quite a bit	68	31	1,294	34	18,507	33	62,904	33							
		4	Very much	40	17	810	21	12,517	22	42,153	22							
		Total		223	100	3,763	100	55,734	100	188,604	100							
f. Working effectively with others	pgothers	1	Very little	10	4	240	7	3,792	7	12,880	8	<b>2.8</b>	2.9	-0.05	2.9	-0.06	2.8	-0.03
		2	Some	72	32	1,003	27	14,389	26	50,518	28							
		3	Quite a bit	92	42	1,482	39	21,931	39	74,202	39							
		4	Very much	48	22	1,025	27	15,521	27	50,601	26							
		Total		222	100	3,750	100	55,633	100	188,201	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	32	14	450	12	6,254	12	22,180	13	<b>2.5</b>	2.7	-0.14	2.7 **	-0.19	2.7 *	-0.16
		2	Some	81	35	1,144	31	15,175	28	52,224	28							
		3	Quite a bit	72	34	1,311	34	19,441	34	65,044	34							
		4	Very much	37	17	854	23	14,826	25	48,860	24							
		Total		222	100	3,759	100	55,696	100	188,308	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	23	11	392	11	5,939	11	20,603	12	<b>2.6</b>	2.7	-0.09	2.8	-0.13	2.7	-0.10
		2	Some	78	34	1,144	31	15,550	28	54,130	29							
		3	Quite a bit	81	37	1,330	35	19,184	34	64,790	34							
		4	Very much	39	19	889	24	15,047	26	48,969	25							
		Total		221	100	3,755	100	55,720	100	188,492	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	36	16	479	13	6,959	13	23,415	13	<b>2.4</b>	2.6 *	-0.17	2.6 **	-0.19	2.6 **	-0.19
		2	Some	87	38	1,281	34	18,167	33	61,804	33							
		3	Quite a bit	68	32	1,273	34	18,711	33	63,999	34							
		4	Very much	30	14	714	19	11,788	21	38,988	20							
		Total		221	100	3,747	100	55,625	100	188,206	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	33	15	467	13	7,014	13	23,697	13	<b>2.5</b>	2.6 *	-0.14	2.6 *	-0.16	2.6 *	-0.15
		2	Some	83	36	1,235	33	17,247	32	59,294	32							
		3	Quite a bit	77	35	1,289	34	18,753	34	63,550	34							
		4	Very much	29	14	745	20	12,376	22	40,938	21							
		Total		222	100	3,736	100	55,390	100	187,479	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Mean	Mean	Effect size <sup>e</sup>	Mean
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
		evalexp	1	Poor	2	1	61	2	832	2	2,835	2	<b>3.2</b>	3.1	.09	3.2	-.01	3.2	-.04
			2	Fair	19	9	450	12	6,152	12	19,999	11							
			3	Good	136	59	2,092	55	27,564	50	90,511	49							
			4	Excellent	67	31	1,162	30	21,403	36	75,944	38							
			Total		224	100	3,765	100	55,951	100	189,289	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
		sameinst	1	Definitely no	9	5	145	4	2,045	4	6,624	4	<b>3.1</b>	3.2	-.02	3.2	-.07	3.2	-.11
			2	Probably no	27	11	480	13	6,767	13	22,102	12							
			3	Probably yes	110	49	1,722	46	22,786	42	75,628	41							
			4	Definitely yes	78	35	1,424	37	24,383	41	85,049	43							
			Total		224	100	3,771	100	55,981	100	189,403	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>															
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
<b>1. During the current school year, about how often have you done the following?</b>																											
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	11	3	106	2	2,418	2	7,256	2	<b>3.1</b>	3.2	-06	3.2	-05	3.2	-03									
		2	Sometimes	90	22	1,229	21	23,169	22	73,299	22																
		3	Often	138	34	1,972	34	34,167	31	104,478	31																
		4	Very often	176	42	2,595	44	51,936	45	151,239	44																
		Total		415	100	5,902	100	111,690	100	336,272	100																
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	113	28	1,264	21	20,678	19	67,224	20	<b>2.2</b>	2.4 ***	-0.17	2.5 ***	-0.27	2.5 ***	-0.23	▽								
		2	Sometimes	153	38	2,122	36	37,801	34	116,601	34																
		3	Often	75	18	1,464	25	28,828	26	84,314	25																
		4	Very often	66	16	1,029	18	23,866	21	66,654	20																
		Total		407	100	5,879	100	111,173	100	334,793	100																
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	21	5	316	6	5,928	6	19,314	6	<b>3.0</b>	3.0 *	-0.10	3.0	-0.09	3.0	-0.03	▽								
		2	Often	57	14	707	12	13,110	12	44,331	14																
		3	Sometimes	240	59	3,155	54	59,006	54	184,321	55																
		4	Never	94	22	1,678	28	32,819	28	85,945	25																
		Total		412	100	5,856	100	110,863	100	333,911	100																
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	126	31	2,559	44	50,051	45	134,787	42	<b>2.0</b>	1.8 *	0.12	1.8 ***	0.16	1.9 *	0.09	△								
		2	Sometimes	204	51	2,112	36	39,304	36	124,519	37																
		3	Often	48	11	665	11	12,733	11	44,749	13																
		4	Very often	30	7	514	9	8,588	8	29,363	8																
		Total		408	100	5,850	100	110,676	100	333,418	100																
e. Asked another student to help you understand course material	CLaskhelp	1	Never	34	9	620	11	18,807	16	45,285	14	<b>2.5</b>	2.4	0.04	2.3 **	0.14	2.4	0.08									
		2	Sometimes	203	50	2,736	47	50,106	46	150,369	46																
		3	Often	114	28	1,692	29	27,786	25	90,564	27																
		4	Very often	58	14	794	13	13,984	13	46,856	14																
		Total		409	100	5,842	100	110,683	100	333,074	100																
f. Explained course material to one or more students	CLexplain	1	Never	10	3	191	3	9,015	7	17,851	5	<b>2.8</b>	2.8	0.03	2.7 ***	0.17	2.7 *	0.12									
		2	Sometimes	143	35	1,956	34	40,102	37	117,879	37																
		3	Often	143	37	2,307	40	37,939	36	121,221	37																
		4	Very often	104	25	1,308	23	21,516	20	69,887	21																
		Total		400	100	5,762	100	108,572	100	326,838	100																

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	59	15	842	15	24,091	21	59,354	19	<b>2.6</b>	2.5	.02	2.4 **	.14	2.5	.09	
		2	Sometimes	143	35	2,088	36	37,871	36	115,539	36								
		3	Often	113	28	1,692	29	27,242	25	87,795	26								
		4	Very often	86	21	1,132	19	19,492	18	64,360	19								
		Total		401	100	5,754	100	108,696	100	327,048	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	10	3	255	5	9,858	8	21,919	7	<b>3.0</b>	2.9 **	.13	2.8 ***	.22	2.9 ***	.16	
		2	Sometimes	89	22	1,657	29	31,843	30	95,729	29								
		3	Often	177	45	2,164	38	36,368	34	112,005	34								
		4	Very often	122	30	1,665	29	30,285	28	96,574	30								
		Total		398	100	5,741	100	108,354	100	326,227	100								
i. Gave a course presentation	present	1	Never	32	8	474	9	16,393	14	38,705	12	<b>2.9</b>	2.8	.07	2.7 ***	.20	2.7 ***	.19	
		2	Sometimes	101	26	1,716	30	31,846	30	101,429	32								
		3	Often	143	37	1,941	34	32,715	31	103,195	31								
		4	Very often	119	29	1,593	27	27,035	25	81,698	25								
		Total		395	100	5,724	100	107,989	100	325,027	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	13	3	123	2	3,464	3	9,186	3	<b>3.0</b>	3.1 **	-.14	3.0	-.05	3.0	-.07	
		2	Sometimes	109	28	1,290	23	27,180	25	79,500	25								
		3	Often	140	37	2,219	39	41,335	39	126,044	39								
		4	Very often	126	31	2,055	36	34,900	33	106,661	33								
		Total		388	100	5,687	100	106,879	100	321,391	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	19	5	298	6	5,474	6	17,514	6	<b>2.9</b>	2.9	-.01	2.9	-.03	2.9	-.01	
		2	Sometimes	117	31	1,672	30	29,882	29	92,715	30								
		3	Often	142	38	2,046	37	39,094	37	115,330	36								
		4	Very often	105	26	1,608	28	31,171	29	92,138	28								
		Total		383	100	5,624	100	105,621	100	317,697	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	33	9	548	10	9,043	10	31,029	11	<b>2.6</b>	2.7	-.07	2.7 *	-.11	2.7	-.07	
		2	Sometimes	157	42	1,954	35	34,651	33	106,378	34								
		3	Often	108	28	1,815	32	34,988	32	102,099	31								
		4	Very often	86	21	1,311	23	27,129	25	78,540	24								
		Total		384	100	5,628	100	105,811	100	318,046	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>																															
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				SHIP						PASSHE						Carnegie Class						NSSE 2013 & 2014					
																				Your seniors compared with																							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>																							
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	21	5	257	5	4,171	4	13,279	4	<b>2.8</b>	2.9	-0.09	2.9 *	-.12	2.9 *	-.10																									
		2	Sometimes	122	32	1,706	30	29,679	29	91,775	29																																
		3	Often	152	41	2,241	40	43,667	41	130,090	41																																
		4	Very often	86	22	1,433	25	28,170	26	82,455	26																																
		Total		381	100	5,637	100	105,687	100	317,599	100																																
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	12	3	191	4	3,122	3	9,908	3	<b>2.9</b>	2.9	-0.07	3.0 *	-.10	3.0	-.09																									
		2	Sometimes	110	29	1,536	27	26,855	26	82,383	26																																
		3	Often	169	44	2,262	41	44,326	42	132,332	41																																
		4	Very often	94	24	1,624	29	31,222	29	92,361	29																																
		Total		385	100	5,613	100	105,525	100	316,984	100																																
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	9	2	101	2	2,040	2	6,183	2	<b>3.0</b>	3.0	.00	3.0	-.01	3.0	.00																									
		2	Sometimes	101	27	1,545	28	28,284	27	85,641	28																																
		3	Often	161	42	2,378	43	43,954	42	132,457	42																																
		4	Very often	113	28	1,590	28	30,928	29	91,731	29																																
		Total		384	100	5,614	100	105,206	100	316,012	100																																
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	3	1	46	1	998	1	3,007	1	<b>3.3</b>	3.3	-0.01	3.3	.03	3.3	.03																									
		2	Sometimes	53	14	742	13	14,783	15	45,119	15																																
		3	Often	157	42	2,337	42	43,520	42	130,948	42																																
		4	Very often	168	43	2,468	44	45,453	43	135,491	42																																
		Total		381	100	5,593	100	104,754	100	314,565	100																																
<b>3. During the current school year, about how often have you done the following?</b>																																											
a. Talked about career plans with a faculty member	SFcareer	1	Never	60	16	728	13	20,924	20	54,203	18	<b>2.5</b>	2.6	-0.08	2.4 **	.14	2.4 *	.11																									
		2	Sometimes	136	36	1,984	36	40,315	39	122,427	39																																
		3	Often	98	25	1,559	28	25,106	24	79,223	24																																
		4	Very often	87	22	1,328	23	18,768	17	59,911	18																																
		Total		381	100	5,599	100	105,113	100	315,764	100																																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	153	41	1,992	36	50,845	48	137,610	46	<b>2.1</b>	2.1	-0.06	1.9 ***	.18	1.9 *	.13																									
		2	Sometimes	109	29	1,733	31	27,889	27	90,269	28																																
		3	Often	52	13	997	18	14,334	14	48,636	15																																
		4	Very often	66	17	859	15	11,617	11	38,112	12																																
		Total		380	100	5,581	100	104,685	100	314,627	100																																

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	63	17	1,115	19	31,015	29	80,176	27	2.4	2.4	-.01	2.2 ***	.23	2.2 ***	.19	△	△					
		2	Sometimes	167	45	2,170	39	39,849	39	125,004	40														
		3	Often	79	21	1,370	25	20,837	20	67,811	21														
		4	Very often	66	17	911	16	12,901	12	41,370	13														
		Total		375	100	5,566	100	104,602	100	314,361	100														
d. Discussed your academic performance with a faculty member	SFperform	1	Never	78	22	912	16	24,539	23	69,884	23	2.3	2.4 **	-.14	2.2	.07	2.2	.07	▽						
		2	Sometimes	164	44	2,336	42	45,308	44	137,948	44														
		3	Often	73	19	1,406	26	21,834	21	67,095	21														
		4	Very often	61	15	903	16	12,685	12	38,571	12														
		Total		376	100	5,557	100	104,366	100	313,498	100														
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																									
a. Memorizing course material	memorize	1	Very little	23	6	429	8	10,358	9	29,517	9	2.8	2.8	.02	2.7 *	.10	2.7 *	.10	△	△					
		2	Some	115	31	1,567	28	32,661	31	98,016	31														
		3	Quite a bit	137	36	2,207	40	38,315	37	115,661	37														
		4	Very much	100	27	1,384	24	23,404	23	71,298	23														
		Total		375	100	5,587	100	104,738	100	314,492	100														
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	9	2	129	2	2,634	3	8,180	3	3.2	3.2	.06	3.2	.07	3.1	.07							
		2	Some	55	15	962	17	17,636	17	53,426	17														
		3	Quite a bit	156	43	2,312	42	43,894	42	132,455	42														
		4	Very much	151	40	2,142	38	40,037	38	119,010	38														
		Total		371	100	5,545	100	104,201	100	313,071	100														
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	12	3	179	3	3,246	3	10,160	3	3.1	3.1	-.01	3.1	-.04	3.1	-.03							
		2	Some	66	18	1,091	20	18,868	18	58,231	19														
		3	Quite a bit	167	46	2,247	41	42,187	41	125,824	40														
		4	Very much	126	33	2,029	36	39,773	38	118,160	37														
		Total		371	100	5,546	100	104,074	100	312,375	100														
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	10	3	231	4	4,126	4	14,964	5	3.0	3.0	.06	3.0	.02	3.0	.06							
		2	Some	79	22	1,333	24	22,175	22	70,560	23														
		3	Quite a bit	161	45	2,222	40	42,638	41	125,877	40														
		4	Very much	117	31	1,765	31	35,151	33	101,013	32														
		Total		367	100	5,551	100	104,090	100	312,414	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>																															
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				SHIP						PASSHE						Carnegie Class						NSSE 2013 & 2014					
																				Your seniors compared with																							
																				Mean		Mean		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>											
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>											
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	18	5	243	4	3,966	4	13,325	5	<b>3.0</b>	3.0	-.01	3.0	-.05	3.0	-.02																									
		2	Some	80	22	1,258	23	22,447	22	70,044	23																																
		3	Quite a bit	157	43	2,306	42	43,015	41	127,866	41																																
		4	Very much	112	30	1,732	31	34,430	33	100,380	32																																
		Total		367	100	5,539	100	103,858	100	311,615	100																																
<b>5. During the current school year, to what extent have your instructors done the following?</b>																																											
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	1	92	2	1,952	2	5,867	2	<b>3.3</b>	3.2	.08	3.2	.08	3.2 *	.12																									
		2	Some	46	13	818	14	15,065	15	47,338	15																																
		3	Quite a bit	153	42	2,343	42	43,320	41	134,476	42																																
		4	Very much	169	45	2,333	42	44,518	42	126,974	40																																
		Total		372	100	5,586	100	104,855	100	314,655	100																																
b. Taught course sessions in an organized way	ETorganize	1	Very little	5	2	112	2	2,543	3	7,308	3	<b>3.2</b>	3.2	.01	3.2	.01	3.2	.03																									
		2	Some	61	16	906	16	16,378	16	50,357	16																																
		3	Quite a bit	165	45	2,501	45	44,594	43	139,089	44																																
		4	Very much	140	37	2,042	37	41,000	39	117,004	37																																
		Total		371	100	5,561	100	104,515	100	313,758	100																																
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	4	1	133	2	3,520	3	9,344	3	<b>3.3</b>	3.2 *	.11	3.2 **	.15	3.2 **	.16																									
		2	Some	57	16	910	16	18,123	17	53,274	17																																
		3	Quite a bit	130	36	2,209	40	39,746	38	123,450	39																																
		4	Very much	178	48	2,307	42	42,901	41	126,994	40																																
		Total		369	100	5,559	100	104,290	100	313,062	100																																
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	34	9	445	8	9,875	10	31,453	11	<b>2.9</b>	2.9	.00	2.9	.06	2.8 *	.11																									
		2	Some	85	24	1,390	25	26,880	26	84,669	28																																
		3	Quite a bit	121	33	1,995	36	34,227	33	103,403	33																																
		4	Very much	128	34	1,732	31	33,334	31	93,441	29																																
		Total		368	100	5,562	100	104,316	100	312,966	100																																
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	15	4	308	6	6,251	6	19,932	7	<b>3.0</b>	3.0	.04	2.9	.05	2.9	.09																									
		2	Some	91	25	1,383	25	25,114	25	78,916	26																																
		3	Quite a bit	143	39	2,130	38	39,069	37	119,444	38																																
		4	Very much	119	32	1,717	31	33,502	31	93,493	30																																
		Total		368	100	5,538	100	103,936	100	311,785	100																																

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>							
												<i>Your seniors compared with</i>							
		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	40	10	927	15	15,075	14	43,357	13	<b>2.7</b>	2.6 *	.13	2.6	.07	2.6	.04	
		2	Sometimes	122	33	1,928	34	35,416	33	103,484	32								
		3	Often	127	36	1,694	31	33,188	32	100,434	33								
		4	Very often	77	21	1,040	20	21,005	21	66,871	22								
			Total	366	100	5,589	100	104,684	100	314,146	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	58	15	1,246	21	20,560	19	60,974	19	<b>2.5</b>	2.4 **	.16	2.4 *	.13	2.4 *	.11	
		2	Sometimes	132	35	2,057	36	39,040	37	115,645	36								
		3	Often	113	32	1,426	27	28,021	27	84,647	27								
		4	Very often	67	18	842	16	16,822	17	52,224	17								
			Total	370	100	5,571	100	104,443	100	313,490	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	58	15	1,201	21	20,514	19	57,045	18	<b>2.5</b>	2.4 **	.15	2.4 *	.12	2.4	.08	
		2	Sometimes	134	37	2,141	38	40,124	38	118,627	38								
		3	Often	117	32	1,430	27	28,221	28	88,060	28								
		4	Very often	61	16	775	15	15,295	15	48,892	16								
			Total	370	100	5,547	100	104,154	100	312,624	100								
<b>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.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	13	4	257	5	4,391	5	14,453	6	<b>7.4</b>	7.5	-.01	7.8	-.07	7.8	-.07	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	66	20	1,030	20	17,182	18	52,052	19								
		4	3-5	92	28	1,461	29	26,566	28	78,411	28								
		8	6-10	86	26	1,116	22	21,071	22	63,659	22								
		13	11-15	32	10	549	10	10,196	11	31,761	11								
		18	16-20	13	4	326	6	6,218	6	18,867	6								
		23	More than 20	30	9	429	8	9,498	9	27,589	9								
			Total	332	100	5,168	100	95,122	100	286,792	100								
b. Between 6 and 10 pages	wrmednum	0	None	59	17	1,132	22	17,726	19	55,255	21	<b>3.3</b>	3.1	.05	3.7	-.08	3.6	-.06	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	141	43	1,949	39	32,887	35	99,799	35								
		4	3-5	83	24	1,292	25	25,359	27	76,337	26								
		8	6-10	34	10	483	9	11,603	12	33,911	12								
		13	11-15	10	3	119	2	3,588	4	10,141	4								
		18	16-20	9	3	64	1	1,542	2	4,158	2								
		23	More than 20	2	1	56	1	1,375	1	3,700	1								
			Total	338	100	5,095	100	94,080	100	283,301	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Effect size <sup>e</sup>		Effect size <sup>e</sup>			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
c. 11 pages or more	wrlongnum	0	None	135	42	2,206	44	39,250	43	114,760	42	<b>1.4</b>	1.7 *	-1.0	2.0 ***	-1.6	2.0 ***	-1.6							
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	146	45	1,978	40	34,478	37	107,354	38														
		4	3-5	28	8	553	11	10,998	12	34,986	12														
		8	6-10	9	3	138	3	3,501	4	10,665	4														
		13	11-15	2	1	53	1	1,559	2	4,382	2														
		18	16-20	2	1	38	1	773	1	2,147	1														
		23	More than 20	0	0	46	1	1,086	1	3,028	1														
		Total			322	100	5,012	100	91,645	100	277,322	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.)									<b>68.7</b>	71.0	-0.3	79.2 **	-1.2	79.1 *	-1.2							
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																									
a. People of a race or ethnicity other than your own	DDrace	1	Never	17	5	281	5	5,200	5	14,257	5	<b>3.0</b>	3.0	.03	3.1	-1.0	3.1	-1.0							
		2	Sometimes	88	26	1,437	27	22,202	22	69,550	22														
		3	Often	101	30	1,598	30	27,942	28	83,268	28														
		4	Very often	139	39	2,008	38	43,859	45	130,582	45														
			Total	345	100	5,324	100	99,203	100	297,657	100														
b. People from an economic background other than your own	DDeconomic	1	Never	13	4	210	4	4,619	5	11,806	4	<b>3.1</b>	3.1	.00	3.1	-0.05	3.1	-0.07							
		2	Sometimes	80	23	1,222	23	21,086	21	63,712	21														
		3	Often	117	35	1,867	35	32,212	32	97,395	33														
		4	Very often	134	38	2,015	38	40,990	42	123,979	42														
			Total	344	100	5,314	100	98,907	100	296,892	100														
c. People with religious beliefs other than your own	DDreligion	1	Never	16	5	276	5	6,402	6	17,872	6	<b>3.0</b>	3.0	-0.04	3.0	-0.04	3.0	-0.07							
		2	Sometimes	102	30	1,322	25	25,611	25	74,170	24														
		3	Often	95	28	1,711	32	28,522	29	86,157	29														
		4	Very often	132	37	1,994	38	38,125	40	117,895	41														
			Total	345	100	5,303	100	98,660	100	296,094	100														
d. People with political views other than your own	DDpolitical	1	Never	13	3	261	5	5,817	6	15,354	5	<b>3.1</b>	3.1	.01	3.0	.03	3.1	.00							
		2	Sometimes	84	25	1,250	23	24,083	24	71,199	23														
		3	Often	113	34	1,732	33	30,447	31	91,860	31														
		4	Very often	130	38	2,044	39	37,941	39	116,586	40														
			Total	340	100	5,287	100	98,288	100	294,999	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Effect size <sup>e</sup>		Effect size <sup>e</sup>			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
<b>9. During the current school year, about how often have you done the following?</b>																									
a. Identified key information from reading assignments	LSreading	1	Never	6	2	114	2	1,654	2	5,206	2	3.2	3.2	-0.02	3.3 *	-0.12	3.3	-0.10							
		2	Sometimes	61	18	872	17	13,687	14	43,001	15														
		3	Often	136	40	2,094	40	37,268	38	112,431	38														
		4	Very often	140	40	2,233	41	46,199	46	135,666	45														
		Total		343	100	5,313	100	98,808	100	296,304	100														
b. Reviewed your notes after class	LSnotes	1	Never	25	7	389	8	6,632	7	21,659	7	2.7	2.9 **	-0.15	2.9 ***	-0.21	2.9 **	-0.16							
		2	Sometimes	127	38	1,519	29	26,939	28	87,141	29														
		3	Often	100	30	1,687	32	30,703	31	90,550	31														
		4	Very often	91	26	1,702	32	34,200	34	96,051	33														
		Total		343	100	5,297	100	98,474	100	295,401	100														
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	20	6	358	7	6,105	6	19,526	7	2.8	2.9	-0.10	2.9 *	-0.14	2.9	-0.10							
		2	Sometimes	117	35	1,431	27	25,298	26	81,188	28														
		3	Often	101	31	1,841	36	33,807	35	100,389	34														
		4	Very often	95	28	1,606	30	32,294	33	91,350	31														
		Total		333	100	5,236	100	97,504	100	292,453	100														
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																									
challenge		1	Not at all	2	1	27	1	497	1	1,542	1	5.6	5.7	-0.06	5.7 *	-0.13	5.7	-0.07							
		2		1	0	67	1	1,020	1	3,354	1														
		3		10	3	124	3	2,429	3	7,977	3														
		4		25	8	417	8	7,250	8	23,594	8														
		5		113	33	1,476	28	24,775	26	79,550	27														
		6		119	34	1,784	34	31,360	31	96,304	32														
		7	Very much	74	21	1,397	26	31,137	31	82,892	28														
		Total		344	100	5,292	100	98,468	100	295,213	100														
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																									
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		14	4	296	6	8,350	9	21,610	8	52%	54%	-0.04	46% *	.12	50%	.05							
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	51	15	873	17	19,448	20	53,656	19														
		Plan to do	95	28	1,189	23	24,226	25	65,778	23															
		Done or in progress	184	52	2,944	54	46,477	46	154,408	50															
		Total	344	100	5,302	100	98,501	100	295,452	100															

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
			SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with						
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	19	6	391	8	11,206	12	28,551	10	<b>45%</b>	40%	.10	31% ***	.29	36% ***	.19
		Do not plan to do	148	44	2,358	45	48,172	49	132,956	46							
		Plan to do	16	5	355	7	7,449	8	20,666	7							
		Done or in progress	160	45	2,182	40	31,402	31	112,514	36							
		Total	343	100	5,286	100	98,229	100	294,687	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	30	9	573	11	13,174	14	34,741	12	<b>27%</b>	27%	-.01	23%	.09	24%	.05
		Do not plan to do	192	57	2,802	54	52,983	54	160,283	55							
		Plan to do	23	7	406	8	8,919	10	24,096	9							
		Done or in progress	95	27	1,478	27	22,958	23	74,958	24							
		Total	340	100	5,259	100	98,034	100	294,078	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	25	7	530	10	12,286	13	32,159	12	<b>7%</b>	9%	-.08	10% *	-.13	14% ***	-.25
		Do not plan to do	280	82	3,986	76	67,919	69	194,988	67							
		Plan to do	12	4	270	5	6,988	8	20,403	7							
		Done or in progress	23	7	471	9	10,748	10	46,308	14							
		Total	340	100	5,257	100	97,941	100	293,858	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	39	12	712	14	15,957	17	41,332	15	<b>26%</b>	21%	.10	20% *	.13	24%	.03
		Do not plan to do	181	53	2,858	54	50,310	50	142,226	48							
		Plan to do	29	9	560	11	11,681	13	34,124	13							
		Done or in progress	90	26	1,113	21	19,517	20	74,855	24							
		Total	339	100	5,243	100	97,465	100	292,537	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	24	7	490	9	10,545	11	25,802	9	<b>56%</b>	42% ***	.28	43% ***	.25	46% ***	.20
		Do not plan to do	53	16	1,474	28	21,188	21	60,950	21							
		Plan to do	71	21	1,055	20	23,719	25	65,124	23							
		Done or in progress	195	56	2,241	42	42,335	43	141,620	46							
		Total	343	100	5,260	100	97,787	100	293,496	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																	
	servcourse	1 None	112	34	1,883	37	35,156	37	109,692	39	<b>1.8</b>	1.8	.04	1.8	.03	1.7	.09
		2 Some	186	54	2,735	51	50,152	51	151,114	50							
		3 Most	37	10	566	11	10,715	11	28,221	9							
		4 All	5	1	72	1	1,832	2	4,478	1							
		Total	340	100	5,256	100	97,855	100	293,505	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																									
a. Students	QIstudent	1	Poor	5	1	34	1	1,034	1	2,988	1	<b>5.6</b>	5.7	-0.04	5.7	-0.06	5.7	-0.06	5.7	-0.06	5.7	-0.06			
		2		6	2	87	2	1,527	2	4,394	2														
		3		15	5	188	4	3,478	4	10,340	4														
		4		26	8	468	9	8,034	8	23,901	8														
		5		83	24	1,246	23	19,922	21	61,594	21														
		6		104	31	1,635	30	28,935	29	89,988	30														
	7	Excellent		106	30	1,613	31	33,568	34	98,592	33														
	—	Not applicable		0	0	21	0	1,972	2	3,484	1														
		Total		345	100	5,292	100	98,470	100	295,281	100														
b. Academic advisors	QIadvisor	1	Poor	20	6	268	5	4,654	5	14,193	5	<b>5.1</b>	5.2	-0.08	5.2	-0.08	5.2	-0.07	5.2	-0.07					
		2		21	6	308	6	5,013	5	15,338	5														
		3		25	7	394	7	6,847	7	21,210	7														
		4		45	13	588	11	10,958	11	33,922	12														
		5		64	19	907	17	16,497	17	50,772	17														
		6		78	23	1,116	21	20,347	21	62,342	21														
	7	Excellent		89	26	1,660	32	32,124	32	92,671	31														
	—	Not applicable		1	0	30	1	1,795	2	4,287	2														
		Total		343	100	5,271	100	98,235	100	294,735	100														
c. Faculty	QIfaculty	1	Poor	3	1	46	1	1,340	2	3,980	2	<b>5.6</b>	5.6	-0.01	5.6	-0.02	5.6	.01	5.6	.01					
		2		13	4	87	2	1,852	2	5,786	2														
		3		8	2	215	4	3,902	4	12,111	4														
		4		26	8	505	10	9,104	10	28,272	10														
		5		78	23	1,257	24	19,924	21	62,465	21														
		6		131	39	1,708	33	29,904	30	91,821	31														
	7	Excellent		84	24	1,381	27	30,624	31	86,348	29														
	—	Not applicable		1	0	24	1	1,019	1	2,199	1														
		Total		344	100	5,223	100	97,669	100	292,982	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	18	5	265	5	4,846	5	14,475	5	<b>5.0</b>	4.8	.11	4.9	.05	4.9	.06	
		2		19	5	269	5	4,618	5	14,473	5								
		3		19	5	417	8	6,529	7	20,890	7								
		4		41	12	747	14	11,146	12	36,895	12								
		5		88	25	1,097	21	16,035	16	53,000	18								
		6		76	23	909	17	16,894	17	53,785	18								
		7	Excellent	55	16	741	14	17,217	17	49,446	16								
		—	Not applicable	28	8	814	16	20,611	21	50,700	18								
	Total			344	100	5,259	100	97,896	100	293,664	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	19	5	373	7	5,283	6	16,341	6	<b>4.7</b>	4.6	.07	4.9	-.08	4.8	-.05	
		2		26	8	369	7	5,545	6	17,384	6								
		3		31	9	515	10	8,005	8	25,009	9								
		4		41	12	888	17	13,474	14	43,111	15								
		5		92	27	1,148	21	19,299	20	60,584	20								
		6		69	21	1,028	20	20,636	21	61,940	21								
		7	Excellent	48	14	739	15	21,340	21	56,423	19								
		—	Not applicable	16	5	207	4	4,451	5	13,323	5								
	Total			342	100	5,267	100	98,033	100	294,115	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	5	1	105	2	1,850	2	5,406	2	<b>3.1</b>	3.1	.08	3.2	-.04	3.2	-.05	
		2	Some	42	13	967	19	14,673	16	42,897	16								
		3	Quite a bit	175	55	2,331	47	41,142	44	122,140	44								
		4	Very much	99	30	1,625	32	35,905	38	110,561	38								
			Total			321	100	5,028	100	93,570	100								281,004
b. Providing support to help students succeed academically	SEacademic	1	Very little	9	3	212	4	4,373	5	12,845	5	<b>3.0</b>	2.9 *	.12	3.0	.04	3.0	.06	
		2	Some	68	21	1,227	25	19,860	22	60,621	23								
		3	Quite a bit	144	46	2,210	44	38,084	41	115,600	41								
		4	Very much	99	30	1,329	26	30,525	32	90,030	31								
			Total			320	100	4,978	100	92,842	100								279,096
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	23	7	469	10	7,893	9	22,447	9	<b>2.9</b>	2.8 *	.11	2.9	.03	2.9	.04	
		2	Some	65	20	1,257	25	21,556	24	66,250	24								
		3	Quite a bit	140	45	1,919	38	33,807	36	103,716	37								
		4	Very much	91	27	1,357	27	29,789	31	86,959	30								
			Total			319	100	5,002	100	93,045	100								279,372

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		Your seniors compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	63	20	849	17	14,236	16	43,505	16	<b>2.4</b>	2.5 *	-0.13	2.6 ***	-0.23	2.6 ***	-0.21
		2	Some	119	37	1,733	35	28,233	31	88,337	31							
		3	Quite a bit	90	28	1,483	30	28,528	31	84,524	30							
		4	Very much	48	15	938	19	22,158	23	63,510	23							
		Total		320	100	5,003	100	93,155	100	279,876	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	20	7	282	6	8,672	9	22,590	9	<b>3.0</b>	2.9	.05	2.8 **	.17	2.9 *	.13
		2	Some	67	21	1,155	23	23,503	26	68,530	25							
		3	Quite a bit	125	40	2,077	42	34,017	37	105,073	37							
		4	Very much	107	33	1,487	29	26,872	28	83,472	29							
		Total		319	100	5,001	100	93,064	100	279,665	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	27	9	400	8	11,378	13	29,833	11	<b>2.8</b>	2.9	-0.06	2.7	.06	2.8	.02
		2	Some	85	27	1,226	25	24,051	26	70,817	26							
		3	Quite a bit	123	39	2,008	40	32,295	35	100,444	36							
		4	Very much	84	25	1,346	27	24,891	26	77,321	27							
		Total		319	100	4,980	100	92,615	100	278,415	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	110	35	1,642	33	30,645	34	90,301	34	<b>2.1</b>	2.1	-0.04	2.1	-0.05	2.1	-0.04
		2	Some	111	35	1,741	35	30,988	33	96,781	34							
		3	Quite a bit	65	20	1,062	22	19,249	20	58,085	20							
		4	Very much	34	10	526	11	11,761	12	33,128	12							
		Total		320	100	4,971	100	92,643	100	278,295	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	27	9	502	10	16,379	18	38,525	15	<b>2.7</b>	2.7	.01	2.6 **	.13	2.7	.03
		2	Some	98	32	1,585	32	25,827	29	75,945	28							
		3	Quite a bit	133	41	1,829	37	29,914	32	95,826	34							
		4	Very much	59	18	1,045	21	20,162	21	67,242	23							
		Total		317	100	4,961	100	92,282	100	277,538	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	51	16	744	15	18,753	21	49,844	19	<b>2.4</b>	2.5	-0.09	2.4	-0.02	2.4	-0.05
		2	Some	127	41	1,874	38	30,951	34	95,647	35							
		3	Quite a bit	101	32	1,592	32	26,623	29	83,550	29							
		4	Very much	39	12	756	15	15,778	16	47,976	17							
		Total		318	100	4,966	100	92,105	100	277,017	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Effect size <sup>e</sup>		Effect size <sup>e</sup>			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																									
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	11	0	297	0	886	0	<b>14.2</b>	13.8	.05	14.5	-.03	15.0	-.08							
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	47	15	807	17	13,236	15	37,219	14														
	8	6-10 hrs	77	24	1,275	26	22,658	25	64,830	23															
	13	11-15 hrs	70	22	1,038	21	18,560	20	55,092	20															
	18	16-20 hrs	51	16	757	15	15,813	17	48,490	17															
	23	21-25 hrs	38	12	481	9	9,430	10	30,173	11															
	28	26-30 hrs	20	6	277	5	6,027	6	19,124	7															
	33	More than 30 hrs	18	5	347	7	6,954	7	23,431	8															
	Total			322	100	4,993	100	92,975	100	279,245	100														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	93	29	1,761	36	46,954	51	119,396	45	<b>6.6</b>	5.2 **	.19	4.0 ***	.40	4.5 ***	.31	▲	▲					
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	92	29	1,677	33	24,220	26	80,520	28														
	8	6-10 hrs	59	18	688	13	9,396	10	34,822	12															
	13	11-15 hrs	35	11	393	8	5,148	6	18,652	6															
	18	16-20 hrs	21	6	203	4	3,193	3	11,660	4															
	23	21-25 hrs	8	2	119	2	1,586	2	5,981	2															
	28	26-30 hrs	5	2	51	1	775	1	2,813	1															
	33	More than 30 hrs	7	2	80	2	1,145	1	3,863	1															
	Total			320	100	4,972	100	92,417	100	277,707	100														
c. Working for pay on campus	tmworkonhrs	0	0 hrs	224	71	3,541	71	70,202	76	192,996	72	<b>3.6</b>	3.5	.01	3.1	.07	3.7	-.01							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	4	230	5	3,613	4	14,562	4														
	8	6-10 hrs	47	14	494	10	6,460	7	25,509	8															
	13	11-15 hrs	15	4	324	6	4,743	5	17,781	6															
	18	16-20 hrs	7	2	208	4	4,619	5	16,657	6															
	23	21-25 hrs	7	2	86	2	1,292	1	4,731	2															
	28	26-30 hrs	5	2	40	1	504	1	2,053	1															
	33	More than 30 hrs	5	2	60	1	1,152	1	3,902	1															
	Total			322	100	4,983	100	92,585	100	278,191	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		Your seniors compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	165	51	2,162	44	36,615	39	127,609	45	<b>9.1</b>	10.9 **	-15	13.6 ***	-.33	12.0 ***	-.22
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	4	306	6	4,401	5	14,305	5							
	8	6-10 hrs	23	7	387	7	5,426	6	17,055	6								
	13	11-15 hrs	32	10	372	7	5,690	6	17,060	6								
	18	16-20 hrs	28	9	507	10	7,726	9	22,052	8								
	23	21-25 hrs	14	4	377	7	6,266	7	17,142	6								
	28	26-30 hrs	18	5	297	6	4,905	6	12,831	5								
	33	More than 30 hrs	27	9	543	12	21,134	23	48,659	19								
Total				319	100	4,951	100	92,163	100	276,713	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									<b>12.5</b>	14.3 **	-.14	16.6 ***	-.30	15.5 ***	-.22
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	156	51	2,462	51	43,375	49	131,971	49	<b>2.8</b>	2.9	-.03	3.3	-.08	3.1	-.06
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	117	35	1,793	35	32,783	34	101,410	35							
	8	6-10 hrs	24	8	359	7	7,992	8	22,362	8								
	13	11-15 hrs	9	3	132	3	3,342	4	9,038	3								
	18	16-20 hrs	4	1	82	2	2,101	2	5,359	2								
	23	21-25 hrs	5	1	39	1	871	1	2,373	1								
	28	26-30 hrs	1	0	32	1	464	1	1,167	0								
	33	More than 30 hrs	1	0	36	1	906	1	2,220	1								
Total				317	100	4,935	100	91,834	100	275,900	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	1	99	2	3,126	3	7,794	3	<b>12.3</b>	11.6	.09	10.2 ***	.27	10.7 ***	.20
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	76	23	1,256	25	29,217	31	78,361	28							
	8	6-10 hrs	80	25	1,373	27	25,840	28	77,777	28								
	13	11-15 hrs	70	22	941	19	15,161	16	49,315	18								
	18	16-20 hrs	43	13	596	12	9,249	10	30,921	11								
	23	21-25 hrs	18	6	286	6	4,199	5	14,461	5								
	28	26-30 hrs	14	5	159	3	2,056	2	6,883	3								
	33	More than 30 hrs	16	5	243	5	3,435	4	11,485	4								
Total				320	100	4,953	100	92,283	100	276,997	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Effect size <sup>e</sup>		Effect size <sup>e</sup>			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	239	76	3,473	69	51,621	56	177,196	63	<b>2.7</b>	4.5 *** ▼	-0.19	7.8 *** ▼	-0.42	6.5 *** ▼	-0.33							
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	11	565	12	10,525	12	28,510	11														
	8	6-10 hrs	14	4	208	4	5,418	6	13,783	5															
	13	11-15 hrs	12	4	134	3	3,402	4	8,643	3															
	18	16-20 hrs	3	1	86	2	3,069	3	7,437	3															
	23	21-25 hrs	1	0	46	1	1,794	2	4,414	2															
	28	26-30 hrs	1	0	42	1	1,606	2	3,610	1															
	33	More than 30 hrs	11	4	383	8	14,614	15	32,817	12															
Total				315	100	4,937	100	92,049	100	276,410	100														
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	43	13	952	19	23,633	22	64,710	21	<b>4.4</b>	4.6	-0.04	4.7	-0.05	4.6	-0.03							
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	208	66	2,715	54	45,359	51	147,103	53														
	8	6-10 hrs	41	13	871	18	15,011	18	42,485	16															
	13	11-15 hrs	18	6	229	5	4,476	5	12,536	5															
	18	16-20 hrs	1	0	87	2	1,725	2	4,773	2															
	23	21-25 hrs	5	1	40	1	726	1	2,094	1															
	28	26-30 hrs	0	0	30	1	443	1	1,181	0															
	33	More than 30 hrs	3	1	45	1	995	1	2,699	1															
Total				319	100	4,969	100	92,368	100	277,581	100														
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																									
reading	1	Very little	34	10	455	14	5,995	11	19,376	12	<b>2.9</b>	2.8	.06	3.0	-0.11	2.9	-0.07								
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	102	32	941	29	13,926	25	41,587								26							
	3	About half	86	27	881	27	15,841	28	45,069	27															
	4	Most	67	21	721	22	13,623	24	40,530	24															
	5	Almost all	30	9	266	8	6,186	11	18,157	11															
	Total		319	100	3,264	100	55,571	100	164,719	100															
tmreadinghrs												<b>6.8</b>	6.6	.04	7.5	-0.10	7.4	-0.09							
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
	tmreadinghrscol	1	0 hrs	1	0	6	0	192	0	535	0														
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	160	50	1,668	52	24,848	46	72,177	46														
		3	More than 5, up to 10 hrs	89	28	907	27	16,412	30	49,570	30														
		4	More than 10, up to 15 hrs	33	10	304	9	6,173	11	18,448	11														
		5	More than 15, up to 20 hrs	15	4	180	5	3,599	6	11,152	6														
		6	More than 20, up to 25 hrs	14	4	122	4	2,710	5	8,233	5														
		7	More than 25 hrs	7	2	58	2	1,313	2	3,672	2														
			Total	319	100	3,245	100	55,247	100	163,787	100														
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																									
a. Writing clearly and effectively	pgwrite	1	Very little	21	7	266	5	4,785	6	15,756	6	<b>3.0</b>	3.1	-.06	3.1	-.09	3.1	-.06							
		2	Some	65	21	1,029	20	17,533	19	55,164	20														
		3	Quite a bit	118	38	1,850	37	33,369	36	100,415	36														
		4	Very much	116	35	1,837	37	37,097	39	107,266	38														
			Total	320	100	4,982	100	92,784	100	278,601	100														
b. Speaking clearly and effectively	pgspeak	1	Very little	19	6	333	7	7,320	8	21,256	8	<b>3.0</b>	3.0	-.03	3.0	.01	2.9	.04							
		2	Some	69	23	1,013	20	20,018	22	61,861	23														
		3	Quite a bit	122	39	1,894	38	33,071	36	99,913	36														
		4	Very much	108	33	1,729	35	32,027	34	94,628	33														
			Total	318	100	4,969	100	92,436	100	277,658	100														
c. Thinking critically and analytically	pgthink	1	Very little	4	1	110	2	2,204	3	6,397	3	<b>3.3</b>	3.3	.05	3.3	.03	3.3	.02							
		2	Some	39	13	624	13	11,320	13	33,094	13														
		3	Quite a bit	119	38	1,931	39	33,308	36	98,448	35														
		4	Very much	156	48	2,293	46	45,600	49	139,552	49														
			Total	318	100	4,958	100	92,432	100	277,491	100														
d. Analyzing numerical and statistical information	pganalyze	1	Very little	27	8	689	13	11,200	12	32,514	11	<b>2.9</b>	2.7 **	.17	2.8	.09	2.8	.06							
		2	Some	85	26	1,492	30	25,874	27	75,250	27														
		3	Quite a bit	108	35	1,481	30	28,397	31	85,564	31														
		4	Very much	98	31	1,296	27	26,855	30	84,122	31														
			Total	318	100	4,958	100	92,326	100	277,450	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

## NSSE 2014 Frequencies and Statistical Comparisons

### Shippensburg University of Pennsylvania

#### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>																							
				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014				SHIP				PASSHE				Carnegie Class				NSSE 2013 & 2014			
																				Your seniors compared with															
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>															
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	20	7	340	7	7,471	9	23,051	9	<b>3.0</b>	3.0	-08	3.0	-03	3.0	-01																	
		2	Some	76	23	1,029	21	19,440	22	61,439	22																								
		3	Quite a bit	116	37	1,692	34	30,232	33	90,802	32																								
		4	Very much	106	32	1,910	38	35,395	37	102,661	36																								
		Total		318	100	4,971	100	92,538	100	277,953	100																								
f. Working effectively with others	pgothers	1	Very little	9	3	214	4	5,001	6	14,090	6	<b>3.1</b>	3.1	.00	3.1	.07	3.0	.07																	
		2	Some	65	21	925	19	18,784	21	56,770	21																								
		3	Quite a bit	120	39	1,838	37	33,165	36	101,309	36																								
		4	Very much	125	38	1,981	39	35,335	38	105,008	37																								
		Total		319	100	4,958	100	92,285	100	277,177	100																								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	42	14	535	11	9,679	12	31,204	13	<b>2.7</b>	2.8 **	-18	2.9 ***	-19	2.8 **	-15																	
		2	Some	98	31	1,198	24	21,299	24	66,453	25																								
		3	Quite a bit	93	30	1,657	33	29,198	31	87,543	31																								
		4	Very much	86	25	1,570	31	32,243	33	92,349	32																								
		Total		319	100	4,960	100	92,419	100	277,549	100																								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	35	11	485	10	9,303	11	29,442	11	<b>2.7</b>	2.8 *	-13	2.8 **	-17	2.8 *	-13																	
		2	Some	108	35	1,375	27	23,872	26	74,832	27																								
		3	Quite a bit	92	29	1,683	34	29,475	32	88,382	31																								
		4	Very much	84	25	1,427	29	29,796	32	84,996	30																								
		Total		319	100	4,970	100	92,446	100	277,652	100																								
i. Solving complex real-world problems	pgprobsolve	1	Very little	37	12	446	9	8,879	10	26,312	10	<b>2.8</b>	2.8	-03	2.8	-03	2.8	-03																	
		2	Some	74	24	1,360	27	24,550	27	74,648	27																								
		3	Quite a bit	119	37	1,760	35	31,440	34	95,005	34																								
		4	Very much	89	27	1,392	28	27,511	29	81,494	29																								
		Total		319	100	4,958	100	92,380	100	277,459	100																								
j. Being an informed and active citizen	pgcitizen	1	Very little	40	13	585	12	11,153	13	34,544	13	<b>2.7</b>	2.7	.02	2.7	.00	2.7	.02																	
		2	Some	89	28	1,484	30	25,739	28	79,363	29																								
		3	Quite a bit	98	32	1,610	33	29,235	31	88,579	32																								
		4	Very much	89	27	1,249	25	25,777	27	73,640	26																								
		Total		316	100	4,928	100	91,904	100	276,126	100																								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## Shippensburg University of Pennsylvania

### Seniors

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				SHIP		PASSHE		Carnegie Class		NSSE 2013 & 2014		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014				
								Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
		evalexp	1	Poor	10	3	79	2	1,764	2	5,486	2	<b>3.2</b>	3.2	-0.02	3.3	-0.10	3.3 *	-0.11
			2	Fair	34	11	540	11	9,165	11	27,679	11							
			3	Good	157	49	2,573	52	40,350	45	120,600	44							
			4	Excellent	119	37	1,776	36	41,481	42	124,888	43							
			Total		320	100	4,968	100	92,760	100	278,653	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
		sameinst	1	Definitely no	18	6	242	5	3,976	5	12,143	5	<b>3.1</b>	3.1	-0.01	3.2 *	-0.13	3.2 *	-0.14
			2	Probably no	44	14	747	15	11,145	13	33,893	12							
			3	Probably yes	138	44	2,104	42	34,524	38	104,196	38							
			4	Definitely yes	120	37	1,883	38	43,191	45	128,718	45							
			Total		320	100	4,976	100	92,836	100	278,950	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

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

### Shippensburg University of Pennsylvania

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	SHIP	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014
1 a. askquest	302	2.75	2.84	2.88	2.87	.047	.012	.003	.002	.81	.83	.85	.85	4,763	71,525	235,350	.067	.006	.011	-.11	-.16	-.15
b. drafts	302	2.39	2.50	2.58	2.54	.052	.015	.004	.002	.91	.97	.98	.99	350	304	302	.034	.000	.005	-.12	-.20	-.15
c. unpreparedr	296	3.03	3.09	3.07	3.03	.042	.012	.003	.002	.73	.77	.77	.77	341	297	233,490	.149	.374	.951	-.08	-.05	.00
d. attendart	295	1.86	2.02	1.98	1.99	.050	.014	.004	.002	.85	.96	.94	.94	4,720	70,733	232,806	.007	.039	.023	-.16	-.12	-.13
e. CLaskhelp	292	2.50	2.55	2.51	2.57	.049	.013	.003	.002	.84	.85	.88	.88	4,697	70,601	232,327	.321	.788	.168	-.06	-.02	-.08
f. CLexplain	282	2.62	2.71	2.66	2.71	.047	.012	.003	.002	.79	.81	.83	.82	4,586	68,691	226,162	.066	.356	.055	-.11	-.06	-.11
g. CLstudy	286	2.56	2.54	2.47	2.53	.054	.014	.004	.002	.92	.95	.97	.97	4,610	68,788	226,230	.683	.101	.583	.02	.10	.03
h. CLproject	285	2.69	2.60	2.58	2.61	.046	.013	.003	.002	.78	.84	.88	.87	329	287	285	.060	.012	.054	.11	.13	.10
i. present	279	2.45	2.17	2.28	2.23	.049	.014	.004	.002	.82	.90	.91	.90	4,565	68,099	223,951	.000	.002	.000	.31	.19	.24
2 a. RIntegrate	270	2.66	2.70	2.67	2.68	.050	.013	.003	.002	.82	.86	.87	.86	4,498	66,908	219,803	.396	.849	.665	-.05	-.01	-.03
b. RSocietal	268	2.51	2.61	2.62	2.61	.051	.013	.003	.002	.84	.86	.88	.88	4,428	66,025	216,668	.078	.046	.057	-.11	-.12	-.12
c. RIdiverse	267	2.46	2.52	2.58	2.58	.052	.014	.003	.002	.85	.89	.89	.89	4,439	66,046	216,786	.353	.028	.041	-.06	-.14	-.13
d. Rlownview	265	2.71	2.75	2.79	2.78	.049	.013	.003	.002	.80	.82	.83	.83	4,436	65,897	216,242	.441	.142	.166	-.05	-.09	-.09
e. Rlperspect	268	2.76	2.85	2.88	2.87	.048	.013	.003	.002	.79	.83	.82	.82	4,422	65,664	215,606	.092	.019	.034	-.11	-.14	-.13
f. RInewview	268	2.69	2.85	2.86	2.86	.048	.012	.003	.002	.79	.80	.81	.81	4,419	65,462	214,825	.002	.001	.001	-.20	-.21	-.20
g. RIconnect	266	3.04	3.07	3.07	3.08	.048	.012	.003	.002	.78	.77	.78	.77	4,394	65,192	213,697	.498	.475	.397	-.04	-.04	-.05
3 a. SFcareer	261	2.10	2.20	2.20	2.21	.054	.014	.004	.002	.87	.91	.92	.91	297	262	260	.063	.059	.045	-.11	-.11	-.12
b. SFotherwork	259	1.57	1.76	1.71	1.73	.052	.014	.004	.002	.83	.93	.91	.91	300	261	259	.001	.009	.003	-.20	-.15	-.17
c. SFdiscuss	258	1.85	2.00	1.98	2.00	.052	.014	.004	.002	.83	.89	.91	.90	4,372	65,068	213,232	.013	.022	.007	-.16	-.14	-.17
d. SFperform	259	1.98	2.12	2.12	2.13	.055	.014	.004	.002	.88	.89	.90	.88	4,359	64,785	212,400	.014	.014	.010	-.16	-.15	-.16
4 a. memorize	261	3.02	3.03	2.97	2.96	.045	.012	.003	.002	.73	.79	.82	.83	300	263	261	.937	.218	.134	.00	.07	.08
b. HOapply	260	2.87	2.97	2.96	2.99	.048	.013	.003	.002	.78	.81	.82	.81	4,366	64,740	212,221	.066	.073	.022	-.12	-.11	-.14
c. HOanalyze	259	2.90	2.92	2.98	2.98	.048	.013	.003	.002	.78	.84	.83	.83	4,345	64,428	211,304	.639	.131	.095	-.03	-.09	-.10
d. HOevaluate	260	2.94	2.87	2.95	2.92	.049	.013	.003	.002	.79	.82	.82	.83	4,345	64,417	211,329	.223	.841	.805	.08	-.01	.02
e. HOform	260	2.81	2.87	2.92	2.90	.052	.013	.003	.002	.84	.84	.84	.85	4,328	64,240	210,719	.273	.048	.083	-.07	-.12	-.11
5 a. ETgoals	263	3.24	3.16	3.17	3.16	.044	.012	.003	.002	.72	.77	.77	.77	4,370	64,865	212,769	.127	.195	.096	.10	.08	.10
b. ETorganize	261	3.07	3.10	3.11	3.11	.047	.012	.003	.002	.76	.79	.79	.78	4,364	64,698	212,164	.597	.388	.420	-.03	-.05	-.05
c. ETexample	263	3.11	3.11	3.11	3.11	.048	.013	.003	.002	.79	.81	.83	.82	4,343	64,536	211,646	.966	.930	.979	.00	-.01	.00
d. ETdraftfb	262	2.88	2.85	2.92	2.86	.055	.014	.004	.002	.89	.91	.92	.93	4,343	64,440	211,486	.620	.478	.769	.03	-.04	.02
e. ETfeedback	258	2.80	2.77	2.84	2.80	.058	.014	.004	.002	.93	.92	.92	.92	4,332	64,208	210,633	.575	.465	.981	.04	-.05	.00

# NSSE 2014 Frequencies and Statistical Comparisons

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

### Shippensburg University of Pennsylvania

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	SHIP	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	
6 a. QRconclude	263	2.40	2.49	2.53	2.56	.054	.015	.004	.002	.88	.94	.94	.94	301	264	263	.085	.013	.003	-.10	-.15	-.17	
b. QRproblem	263	2.24	2.25	2.27	2.28	.057	.015	.004	.002	.93	.93	.94	.94	4,355	64,540	211,795	.902	.561	.468	-.01	-.04	-.04	
c. QRevaluate	262	2.15	2.21	2.24	2.27	.056	.014	.004	.002	.91	.92	.93	.92	4,331	64,224	210,813	.298	.106	.041	-.07	-.10	-.13	
7 a. wrshortnum	243	6.50	5.93	6.73	6.83	.324	.086	.023	.013	5.05	5.32	5.63	5.72	4,045	245	243	.101	.479	.320	.11	-.04	-.06	
b. wrmednum	234	1.71	1.58	2.02	2.12	.123	.040	.012	.007	1.88	2.45	2.88	2.91	3,914	238	235	.441	.013	.001	.05	-.11	-.14	
c. wrlongnum	230	.43	.62	.77	.80	.110	.037	.011	.006	1.66	2.25	2.58	2.58	284	233	230	.105	.003	.001	-.08	-.13	-.14	
— wrpages	227	38.08	37.53	45.21	47.04	2.256	.818	.244	.137	33.96	48.90	56.68	57.94	288	231	227	.821	.002	.000	.01	-.13	-.15	
8 a. DDrace	245	2.94	3.00	3.07	3.09	.057	.015	.004	.002	.89	.92	.93	.92	4,101	59,967	196,603	.389	.028	.016	-.06	-.14	-.15	
b. DDeconomic	245	2.94	3.01	3.06	3.08	.055	.014	.004	.002	.87	.89	.91	.89	4,088	59,807	196,029	.177	.039	.009	-.09	-.13	-.17	
c. DDreligion	245	2.93	2.99	2.97	3.01	.060	.015	.004	.002	.95	.94	.96	.95	4,092	59,596	195,484	.331	.427	.163	-.06	-.05	-.09	
d. DDpolitical	245	2.94	2.96	2.95	2.99	.059	.015	.004	.002	.93	.94	.96	.94	4,076	59,369	194,749	.670	.795	.352	-.03	-.02	-.06	
9 a. LSreading	244	3.13	3.11	3.16	3.16	.044	.012	.003	.002	.68	.77	.76	.77	284	246	244	.630	.517	.523	.03	-.04	-.04	
b. LSnotes	244	2.85	2.96	2.94	2.92	.056	.014	.004	.002	.88	.90	.90	.90	4,078	59,365	194,695	.089	.122	.234	-.11	-.10	-.08	
c. LSsummary	241	2.80	2.86	2.85	2.84	.055	.014	.004	.002	.85	.89	.90	.90	4,050	58,681	192,473	.392	.396	.554	-.06	-.05	-.04	
10. challenge	243	5.34	5.49	5.55	5.55	.066	.018	.005	.003	1.03	1.12	1.15	1.14	280	244	243	.031	.002	.002	-.13	-.18	-.18	
11 a. intern <sup>l</sup>	244	.067	.057	.078	.086	.0161	.0038	.0011	.0006	--	--	--	--	--	--	--	.534	.518	.300	.04	-.04	-.07	
b. leader <sup>l</sup>	242	.095	.111	.111	.119	.0189	.0051	.0013	.0007	--	--	--	--	--	--	--	.457	.440	.250	-.05	-.05	-.08	
c. learncom <sup>l</sup>	244	.122	.142	.139	.153	.0210	.0057	.0014	.0008	--	--	--	--	--	--	--	.368	.435	.174	-.06	-.05	-.09	
d. abroad <sup>l</sup>	242	.025	.025	.033	.035	.0101	.0025	.0007	.0004	--	--	--	--	--	--	--	.961	.500	.396	.00	-.05	-.06	
e. research <sup>l</sup>	244	.027	.046	.049	.055	.0105	.0034	.0009	.0005	--	--	--	--	--	--	--	.164	.112	.061	-.10	-.12	-.14	
f. capstone <sup>l</sup>	240	.024	.027	.028	.029	.0099	.0026	.0007	.0004	--	--	--	--	--	--	--	.778	.716	.647	-.02	-.02	-.03	
12. servcourse	238	1.48	1.60	1.63	1.60	.036	.011	.003	.002	.56	.65	.67	.66	279	240	238	.003	.000	.001	-.17	-.22	-.18	
13 a. QIstudent	244	5.40	5.51	5.56	5.58	.089	.023	.006	.003	1.38	1.43	1.39	1.37	4,046	58,623	192,720	.251	.070	.048	-.08	-.12	-.13	
b. QIadvisor	238	4.85	4.87	5.06	5.11	.120	.029	.007	.004	1.84	1.80	1.74	1.71	3,996	239	237	.903	.080	.034	-.01	-.12	-.15	
c. QIfaculty	241	5.24	5.15	5.26	5.27	.091	.024	.006	.003	1.41	1.45	1.48	1.46	4,018	57,971	190,599	.378	.830	.765	.06	-.01	-.02	
d. QIstaff	227	4.86	4.76	4.90	4.94	.108	.029	.008	.004	1.63	1.70	1.74	1.70	3,683	52,505	173,759	.418	.688	.467	.06	-.03	-.05	
e. QIadmin	221	4.87	4.61	4.85	4.84	.112	.030	.007	.004	1.67	1.77	1.75	1.72	251	55,183	179,998	.025	.812	.753	.15	.02	.02	
14 a. empstudy	224	3.11	3.14	3.19	3.21	.045	.013	.003	.002	.67	.75	.75	.75	259	225	224	.520	.066	.027	-.04	-.11	-.13	
b. SEacademic	222	3.08	3.03	3.11	3.12	.054	.014	.004	.002	.80	.83	.84	.83	3,770	54,466	179,089	.342	.607	.530	.07	-.03	-.04	
c. SElearnsup	220	3.18	3.03	3.14	3.14	.056	.016	.004	.002	.84	.93	.89	.88	3,767	54,584	179,212	.021	.489	.533	.16	.05	.04	



# NSSE 2014 Frequencies and Statistical Comparisons

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

### Shippensburg University of Pennsylvania

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	SHIP	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014
d. SEdiverse	224	2.57	2.67	2.74	2.74	.065	.016	.004	.002	.97	.98	.99	.98	3,785	54,619	179,459	.137	.007	.009	-.10	-.18	-.17
e. SEsocial	223	3.05	3.02	2.99	3.02	.057	.015	.004	.002	.85	.87	.91	.89	3,780	54,554	179,268	.595	.327	.596	.04	.07	.04
f. SEwellness	220	2.91	3.00	2.98	3.00	.060	.015	.004	.002	.89	.89	.92	.90	3,771	54,255	178,357	.138	.270	.154	-.10	-.07	-.10
g. SEnonacad	220	2.20	2.38	2.41	2.40	.062	.017	.004	.002	.92	.99	1.00	.99	252	222	220	.006	.001	.002	-.18	-.21	-.20
h. SEactivities	220	2.91	2.88	2.84	2.91	.055	.015	.004	.002	.82	.89	.97	.93	253	222	220	.649	.242	.974	.03	.07	.00
i. SEevents	219	2.54	2.57	2.56	2.60	.061	.016	.004	.002	.90	.94	.99	.97	3,754	220	219	.670	.719	.340	-.03	-.02	-.06
15 a. tmprephrs	218	13.74	12.78	13.48	14.30	.515	.129	.035	.020	7.61	7.71	8.15	8.40	3,788	54,428	218	.075	.643	.278	.12	.03	-.07
b. tmcocurrhrs	218	5.52	5.49	4.91	5.36	.466	.113	.029	.016	6.88	6.75	6.61	6.75	3,757	54,040	177,759	.960	.173	.723	.00	.09	.02
c. tmworkonhrs	220	1.56	1.82	2.19	2.38	.313	.083	.023	.013	4.64	4.94	5.37	5.57	3,779	221	219	.434	.046	.009	-.05	-.12	-.15
d. tmworkoffhrs	220	4.46	4.38	5.75	5.01	.562	.144	.044	.023	8.34	8.60	10.14	9.52	3,769	221	219	.890	.024	.328	.01	-.13	-.06
— tmworkhrs	220	6.02	6.13	7.85	7.31	.663	.168	.049	.026	9.82	9.99	11.31	10.99	3,753	221	219	.873	.006	.054	-.01	-.16	-.12
e. tmervicehrs	211	1.49	2.26	2.40	2.36	.253	.073	.019	.010	3.68	4.31	4.50	4.38	246	212	211	.004	.000	.001	-.18	-.20	-.20
f. tmrelaxhrs	218	13.12	13.43	12.36	12.59	.566	.145	.038	.021	8.36	8.65	8.74	8.66	3,760	53,910	177,240	.609	.203	.368	-.04	.09	.06
g. tmcarehrs	219	.92	1.96	3.70	3.01	.234	.095	.036	.018	3.46	5.64	8.33	7.51	295	228	220	.000	.000	.000	-.19	-.33	-.28
h. tmcommutehrs	218	1.89	2.94	3.73	3.67	.244	.084	.024	.013	3.60	5.01	5.55	5.46	272	221	218	.000	.000	.000	-.21	-.33	-.32
16. reading	218	3.26	2.76	2.89	2.85	.070	.022	.006	.003	1.04	1.06	1.10	1.11	2,607	34,328	104,511	.000	.000	.000	.47	.33	.37
— tmreadinghrs	215	7.92	5.97	6.62	6.84	.393	.111	.032	.018	5.76	5.42	5.80	5.94	250	34,112	103,899	.000	.001	.007	.36	.23	.18
17 a. pgwrite	220	2.96	2.88	2.92	2.87	.056	.015	.004	.002	.83	.88	.89	.90	3,770	54,202	219	.240	.594	.124	.08	.04	.10
b. pgspeak	219	2.80	2.71	2.76	2.68	.055	.016	.004	.002	.82	.93	.93	.94	254	220	219	.097	.462	.036	.10	.04	.12
c. pgthink	218	2.99	3.04	3.09	3.09	.053	.014	.004	.002	.78	.81	.82	.82	3,764	219	218	.304	.045	.049	-.07	-.13	-.13
d. pganalyze	217	2.48	2.55	2.60	2.61	.062	.016	.004	.002	.92	.96	.97	.97	3,754	53,973	177,454	.280	.069	.042	-.08	-.12	-.14
e. pgwork	220	2.50	2.64	2.62	2.62	.065	.016	.004	.002	.96	.95	.98	.98	3,765	54,001	177,597	.034	.091	.071	-.15	-.11	-.12
f. pgothers	218	2.81	2.86	2.86	2.84	.056	.015	.004	.002	.82	.90	.90	.90	3,752	53,914	177,221	.434	.398	.668	-.05	-.06	-.03
g. pgvalues	218	2.54	2.67	2.73	2.70	.063	.016	.004	.002	.93	.96	.98	.98	3,760	53,965	177,304	.050	.005	.021	-.14	-.19	-.16
h. pgdiverse	217	2.64	2.72	2.76	2.73	.061	.016	.004	.002	.90	.94	.97	.97	3,754	53,992	177,473	.221	.062	.143	-.09	-.13	-.10
i. pgprobsolve	217	2.43	2.59	2.62	2.61	.063	.016	.004	.002	.92	.94	.95	.95	3,746	53,887	177,213	.015	.005	.005	-.17	-.19	-.19
j. pgcitizen	218	2.48	2.62	2.64	2.63	.062	.016	.004	.002	.91	.94	.96	.96	3,739	53,678	176,506	.044	.020	.027	-.14	-.16	-.15
18. evalexp	221	3.20	3.14	3.21	3.23	.043	.012	.003	.002	.64	.70	.71	.72	3,769	222	221	.183	.888	.511	.09	-.01	-.04
19. sameinst	221	3.15	3.16	3.21	3.24	.053	.013	.003	.002	.80	.80	.81	.80	3,779	54,256	178,457	.814	.278	.106	-.02	-.07	-.11

# NSSE 2014 Frequencies and Statistical Comparisons

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

### Shippensburg University of Pennsylvania

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	SHIP	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	
1 a. askquest	414	3.15	3.20	3.19	3.17	.042	.010	.002	.001	.85	.82	.85	.86	6,720	127,138	390,344	.230	.283	.610	-.06	-.05	-.03	
b. drafts	406	2.22	2.39	2.49	2.45	.051	.013	.003	.002	1.03	1.01	1.02	1.03	6,686	126,522	406	.001	.000	.000	-.17	-.27	-.23	
c. unpreparedr	412	2.97	3.05	3.04	3.00	.037	.010	.002	.001	.75	.79	.79	.79	472	126,181	387,591	.049	.073	.519	-.10	-.09	-.03	
d. attendart	407	1.95	1.85	1.81	1.87	.042	.012	.003	.001	.85	.94	.91	.93	474	409	407	.013	.001	.043	.12	.16	.09	
e. CLaskhelp	409	2.47	2.44	2.35	2.40	.041	.011	.003	.001	.83	.86	.90	.89	6,655	125,911	386,392	.489	.006	.102	.04	.14	.08	
f. CLexplain	399	2.85	2.82	2.70	2.74	.042	.010	.002	.001	.83	.82	.87	.85	6,556	401	378,587	.533	.000	.016	.03	.17	.12	
g. CLstudy	401	2.55	2.53	2.41	2.47	.049	.012	.003	.002	.99	.97	1.01	1.00	6,542	123,473	378,689	.719	.005	.085	.02	.14	.09	
h. CLproject	397	3.02	2.91	2.82	2.87	.040	.011	.003	.001	.79	.87	.94	.92	460	400	397	.005	.000	.000	.13	.22	.16	
i. present	394	2.87	2.80	2.67	2.68	.047	.012	.003	.002	.93	.94	1.00	.98	6,510	396	394	.156	.000	.000	.07	.20	.19	
2 a. RIntegrate	387	2.96	3.08	3.01	3.02	.043	.011	.002	.001	.85	.82	.84	.84	6,460	121,172	371,430	.007	.349	.201	-.14	-.05	-.07	
b. RIsocietal	383	2.86	2.87	2.89	2.87	.044	.011	.003	.001	.87	.89	.89	.90	6,392	119,669	366,821	.806	.518	.838	-.01	-.03	-.01	
c. RIdiverse	383	2.62	2.68	2.72	2.68	.047	.012	.003	.002	.91	.94	.94	.96	6,396	119,856	367,192	.192	.030	.173	-.07	-.11	-.07	
d. Rlownview	380	2.79	2.86	2.89	2.88	.043	.011	.002	.001	.84	.85	.84	.84	6,403	119,688	366,635	.097	.022	.047	-.09	-.12	-.10	
e. Rlperspect	385	2.89	2.95	2.97	2.96	.041	.011	.002	.001	.80	.84	.82	.83	6,383	119,500	365,864	.163	.047	.085	-.07	-.10	-.09	
f. RInewview	384	2.97	2.97	2.97	2.97	.041	.010	.002	.001	.81	.79	.80	.80	6,380	119,085	364,633	.978	.898	.989	.00	-.01	.00	
g. RIconnect	380	3.28	3.29	3.26	3.25	.037	.009	.002	.001	.73	.73	.74	.74	6,356	118,558	362,862	.816	.600	.556	-.01	.03	.03	
3 a. SFcareer	381	2.53	2.61	2.39	2.42	.052	.013	.003	.002	1.01	.98	.99	.98	6,358	118,959	364,155	.112	.007	.032	-.08	.14	.11	
b. SFotherwork	379	2.06	2.13	1.88	1.93	.057	.014	.003	.002	1.10	1.06	1.02	1.03	6,335	118,464	379	.224	.000	.019	-.06	.18	.13	
c. SFdiscuss	375	2.38	2.39	2.16	2.19	.049	.013	.003	.002	.95	.98	.98	.97	6,317	118,379	362,492	.882	.000	.000	-.01	.23	.19	
d. SFperform	376	2.28	2.41	2.22	2.22	.050	.012	.003	.002	.98	.94	.94	.93	6,309	118,095	361,456	.008	.182	.183	-.14	.07	.07	
4 a. memorize	375	2.83	2.81	2.74	2.74	.046	.012	.003	.002	.89	.89	.91	.91	6,341	118,524	362,611	.698	.047	.046	.02	.10	.10	
b. HOapply	370	3.20	3.16	3.15	3.15	.040	.010	.002	.001	.78	.79	.80	.80	6,291	117,919	360,931	.302	.203	.173	.06	.07	.07	
c. HOanalyze	371	3.09	3.10	3.13	3.12	.041	.011	.002	.001	.80	.83	.82	.83	6,295	372	371	.846	.387	.556	-.01	-.04	-.03	
d. HOevaluate	366	3.04	2.99	3.02	2.98	.042	.011	.002	.001	.80	.85	.85	.87	6,292	117,714	366	.257	.728	.182	.06	.02	.06	
e. HOform	366	2.98	2.99	3.02	3.00	.044	.011	.002	.001	.85	.84	.84	.86	6,288	117,447	359,087	.793	.331	.695	-.01	-.05	-.02	
5 a. ETgoals	372	3.30	3.24	3.23	3.21	.038	.010	.002	.001	.73	.76	.77	.77	6,336	118,591	362,615	.152	.103	.022	.08	.08	.12	
b. ETorganize	370	3.18	3.17	3.17	3.15	.039	.010	.002	.001	.75	.77	.79	.78	6,310	118,216	361,579	.805	.897	.559	.01	.01	.03	
c. ETexample	368	3.29	3.21	3.17	3.16	.040	.010	.002	.001	.77	.79	.83	.82	6,303	117,947	360,754	.040	.004	.002	.11	.15	.16	
d. ETdraftfb	368	2.91	2.91	2.86	2.80	.051	.012	.003	.002	.97	.93	.97	.98	6,308	117,952	360,593	.954	.273	.035	.00	.06	.11	
e. ETfeedback	367	2.98	2.95	2.94	2.90	.045	.011	.003	.002	.86	.88	.90	.90	6,282	117,525	367	.498	.345	.068	.04	.05	.09	

# NSSE 2014 Frequencies and Statistical Comparisons

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

### Shippensburg University of Pennsylvania

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	SHIP	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014
6 a. QRconclude	366	2.67	2.55	2.60	2.63	.048	.013	.003	.002	.92	.97	.97	.97	416	367	365	.015	.137	.426	.13	.07	.04
b. QRproblem	369	2.53	2.37	2.41	2.43	.050	.013	.003	.002	.95	.99	.98	.98	6,318	118,087	361,196	.002	.016	.036	.16	.13	.11
c. QRevaluate	369	2.50	2.35	2.39	2.42	.049	.013	.003	.002	.93	.97	.96	.96	6,292	117,742	360,143	.005	.025	.142	.15	.12	.08
7 a. wrshortnum	332	7.37	7.45	7.83	7.81	.350	.088	.021	.012	6.37	6.52	6.75	6.77	5,835	106,900	331	.829	.219	.208	-.01	-.07	-.07
b. wrmednum	337	3.33	3.12	3.65	3.59	.215	.052	.013	.008	3.95	3.86	4.28	4.29	5,758	105,681	324,061	.339	.166	.263	.05	-.08	-.06
c. wrlongnum	320	1.42	1.74	2.00	2.01	.125	.044	.011	.006	2.24	3.20	3.64	3.61	403	325	321	.019	.000	.000	-.10	-.16	-.16
— wrpages	317	68.68	70.96	79.23	79.09	4.045	1.064	.271	.154	72.00	76.74	85.55	85.41	5,518	319	317	.607	.010	.011	-.03	-.12	-.12
8 a. DDrace	344	3.03	3.00	3.13	3.13	.050	.012	.003	.002	.92	.93	.93	.92	6,013	111,555	341,044	.575	.052	.056	.03	-.10	-.10
b. DDeconomic	344	3.07	3.07	3.11	3.13	.047	.012	.003	.002	.87	.87	.90	.89	6,003	111,203	340,110	.970	.394	.220	.00	-.05	-.07
c. DDreligion	344	2.98	3.02	3.02	3.05	.050	.012	.003	.002	.93	.92	.95	.94	5,992	110,890	339,118	.445	.468	.181	-.04	-.04	-.07
d. DDpolitical	340	3.06	3.05	3.03	3.06	.047	.012	.003	.002	.87	.90	.94	.92	5,970	110,467	337,875	.899	.528	.991	.01	.03	.00
9 a. LSreading	343	3.19	3.20	3.28	3.26	.042	.011	.002	.001	.79	.79	.77	.78	6,001	111,051	339,286	.741	.026	.066	-.02	-.12	-.10
b. LSnotes	343	2.74	2.88	2.93	2.89	.050	.013	.003	.002	.92	.95	.94	.95	5,984	110,669	338,259	.009	.000	.004	-.15	-.21	-.16
c. LSsummary	332	2.80	2.89	2.93	2.90	.050	.012	.003	.002	.91	.92	.92	.92	5,909	109,548	334,846	.090	.011	.057	-.10	-.14	-.10
10. challenge	344	5.59	5.66	5.74	5.68	.058	.015	.004	.002	1.07	1.16	1.18	1.18	5,982	110,656	344	.295	.020	.138	-.06	-.13	-.07
11 a. intern <sup>l</sup>	344	.523	.544	.464	.500	.0270	.0066	.0015	.0009	--	--	--	--	--	--	--	.449	.028	.394	-.04	.12	.05
b. leader <sup>l</sup>	343	.451	.402	.312	.359	.0269	.0065	.0014	.0008	--	--	--	--	--	--	--	.078	.000	.000	.10	.29	.19
c. learncom <sup>l</sup>	340	.268	.274	.229	.244	.0240	.0060	.0013	.0007	--	--	--	--	--	--	--	.802	.088	.321	-.01	.09	.05
d. abroad <sup>l</sup>	340	.065	.086	.102	.140	.0134	.0038	.0009	.0006	--	--	--	--	--	--	--	.179	.024	.000	-.08	-.13	-.25
e. research <sup>l</sup>	339	.257	.215	.201	.243	.0238	.0055	.0012	.0007	--	--	--	--	--	--	--	.071	.011	.571	.10	.13	.03
f. capstone <sup>l</sup>	343	.557	.420	.430	.460	.0269	.0066	.0015	.0009	--	--	--	--	--	--	--	.000	.000	.000	.28	.25	.20
12. servcourse	340	1.79	1.77	1.77	1.73	.037	.009	.002	.001	.68	.69	.70	.69	5,935	109,861	335,760	.494	.601	.087	.04	.03	.09
13 a. QIstudent	345	5.64	5.69	5.73	5.72	.071	.017	.004	.002	1.32	1.25	1.31	1.30	5,957	108,863	334,321	.511	.238	.265	-.04	-.06	-.06
b. QIadvisor	342	5.08	5.22	5.23	5.19	.096	.024	.005	.003	1.78	1.78	1.78	1.78	5,919	108,345	332,272	.144	.118	.228	-.08	-.08	-.07
c. QIfaculty	343	5.59	5.61	5.61	5.57	.069	.017	.004	.002	1.29	1.26	1.37	1.36	5,884	344	343	.842	.762	.784	-.01	-.02	.01
d. QIstaff	316	4.95	4.77	4.87	4.85	.093	.025	.006	.003	1.66	1.70	1.79	1.76	5,031	318	316	.068	.387	.277	.11	.05	.06
e. QIadmin	326	4.75	4.62	4.90	4.84	.094	.024	.005	.003	1.69	1.75	1.77	1.76	5,719	105,067	320,165	.208	.128	.370	.07	-.08	-.05
14 a. empstudy	321	3.14	3.08	3.18	3.18	.038	.011	.002	.001	.69	.77	.77	.77	369	323	321	.125	.404	.316	.08	-.04	-.05
b. SEacademic	320	3.03	2.93	2.99	2.98	.044	.011	.003	.002	.79	.83	.86	.86	5,616	322	320	.035	.392	.274	.12	.04	.06
c. SElearnsup	319	2.92	2.82	2.89	2.89	.049	.013	.003	.002	.87	.94	.95	.94	363	321	319	.046	.501	.453	.11	.03	.04

# NSSE 2014 Frequencies and Statistical Comparisons

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

### Shippensburg University of Pennsylvania

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	SHIP	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	SHIP	PASSHE	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	PASSHE	Carnegie Class	NSSE 2013 & 2014	
d. SEdiverse	320	2.38	2.51	2.61	2.59	.054	.013	.003	.002	.97	.98	1.01	1.01	5,639	104,229	318,976	.022	.000	.000	-.13	-.23	-.21	
e. SEsocial	319	2.99	2.94	2.83	2.86	.050	.012	.003	.002	.89	.86	.94	.93	5,634	320	319	.382	.002	.013	.05	.17	.13	
f. SEwellness	319	2.81	2.86	2.75	2.78	.051	.012	.003	.002	.91	.90	.98	.97	5,610	321	319	.338	.248	.668	-.06	.06	.02	
g. SEnonacad	320	2.06	2.10	2.11	2.10	.055	.013	.003	.002	.98	.98	1.01	1.00	5,605	103,642	317,088	.468	.394	.457	-.04	-.05	-.04	
h. SEactivities	317	2.69	2.68	2.56	2.66	.049	.013	.003	.002	.87	.92	1.01	1.00	5,588	319	317	.860	.009	.500	.01	.13	.03	
i. SEevents	318	2.39	2.47	2.41	2.44	.050	.013	.003	.002	.89	.92	.99	.98	5,596	320	318	.118	.636	.308	-.09	-.02	-.05	
15 a. tmprephrs	322	14.23	13.83	14.48	14.96	.469	.119	.027	.016	8.41	8.68	8.79	8.93	5,631	103,972	322	.421	.612	.122	.05	-.03	-.08	
b. tmcocurrhrs	320	6.61	5.25	3.98	4.53	.427	.098	.020	.012	7.64	7.09	6.53	6.80	353	320	319	.002	.000	.000	.19	.40	.31	
c. tmworkonhrs	322	3.62	3.51	3.12	3.68	.399	.094	.021	.013	7.15	6.87	6.78	7.21	5,621	103,520	316,849	.794	.187	.870	.01	.07	-.01	
d. tmworkoffhrs	319	9.05	10.87	13.59	11.96	.642	.168	.042	.024	11.47	12.16	13.58	13.28	363	321	319	.006	.000	.000	-.15	-.33	-.22	
— tmworkhrs	319	12.54	14.29	16.59	15.52	.648	.172	.042	.024	11.57	12.47	13.54	13.33	364	321	319	.009	.000	.000	-.14	-.30	-.22	
e. tmservicehrs	317	2.78	2.93	3.25	3.09	.265	.072	.017	.009	4.71	5.24	5.54	5.28	5,562	319	314,297	.635	.077	.307	-.03	-.08	-.06	
f. tmrelaxhrs	320	12.34	11.61	10.19	10.74	.473	.116	.025	.015	8.46	8.42	8.04	8.17	5,590	103,197	315,596	.132	.000	.000	.09	.27	.20	
g. tmcarehrs	315	2.72	4.53	7.80	6.51	.398	.134	.038	.020	7.07	9.71	12.16	11.41	389	320	316	.000	.000	.000	-.19	-.42	-.33	
h. tmcommutehrs	318	4.43	4.62	4.73	4.57	.271	.072	.017	.009	4.84	5.21	5.52	5.32	363	320	318	.510	.281	.617	-.04	-.05	-.03	
16. reading	319	2.87	2.80	2.99	2.94	.064	.020	.005	.003	1.14	1.16	1.17	1.19	3,727	66,654	185,468	.345	.060	.240	.06	-.11	-.07	
— tmreadinghrs	319	6.82	6.61	7.47	7.42	.340	.105	.025	.015	6.07	6.10	6.53	6.46	3,706	321	184,400	.544	.060	.098	.04	-.10	-.09	
17 a. pgwrite	320	3.00	3.06	3.09	3.05	.051	.012	.003	.002	.91	.89	.90	.91	5,616	103,727	317,322	.278	.092	.323	-.06	-.09	-.06	
b. pgspeak	318	2.98	3.00	2.96	2.94	.050	.013	.003	.002	.90	.91	.94	.94	5,601	103,343	316,233	.602	.798	.511	-.03	.01	.04	
c. pgthink	318	3.33	3.29	3.30	3.32	.042	.011	.002	.001	.74	.77	.79	.79	5,587	103,325	316,032	.390	.573	.789	.05	.03	.02	
d. pganalyze	318	2.88	2.71	2.79	2.82	.053	.014	.003	.002	.95	1.00	1.00	1.00	362	319	318	.002	.084	.235	.17	.09	.06	
e. pgwork	318	2.95	3.03	2.98	2.96	.051	.013	.003	.002	.91	.93	.97	.97	5,603	103,453	318	.141	.615	.910	-.08	-.03	-.01	
f. pgothers	319	3.11	3.11	3.05	3.05	.047	.012	.003	.002	.83	.87	.90	.90	5,588	103,159	315,668	.969	.246	.204	.00	.07	.07	
g. pgvalues	319	2.67	2.85	2.86	2.82	.056	.014	.003	.002	1.00	.99	1.01	1.02	5,589	103,305	316,119	.002	.001	.009	-.18	-.19	-.15	
h. pgdiverse	319	2.68	2.81	2.85	2.81	.055	.013	.003	.002	.97	.96	.99	.99	5,602	103,339	316,182	.023	.003	.021	-.13	-.17	-.13	
i. pgprobsolve	319	2.79	2.82	2.82	2.82	.054	.013	.003	.002	.97	.95	.97	.97	5,587	103,266	315,977	.593	.618	.618	-.03	-.03	-.03	
j. pgcitizen	316	2.73	2.71	2.73	2.71	.056	.013	.003	.002	1.00	.98	1.00	1.00	5,547	102,737	314,457	.781	.950	.689	.02	.00	.02	
18. evalexp	320	3.20	3.21	3.27	3.28	.042	.010	.002	.001	.76	.70	.74	.74	5,601	103,734	317,461	.690	.061	.046	-.02	-.10	-.11	
19. sameinst	320	3.12	3.13	3.23	3.23	.047	.012	.003	.001	.85	.84	.84	.84	5,610	103,795	317,794	.834	.022	.015	-.01	-.13	-.14	

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### 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 Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t-tests or z-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."