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NSSE 2016 - First Year Students Frequencies and Statistical Comparisons

Illinois State University

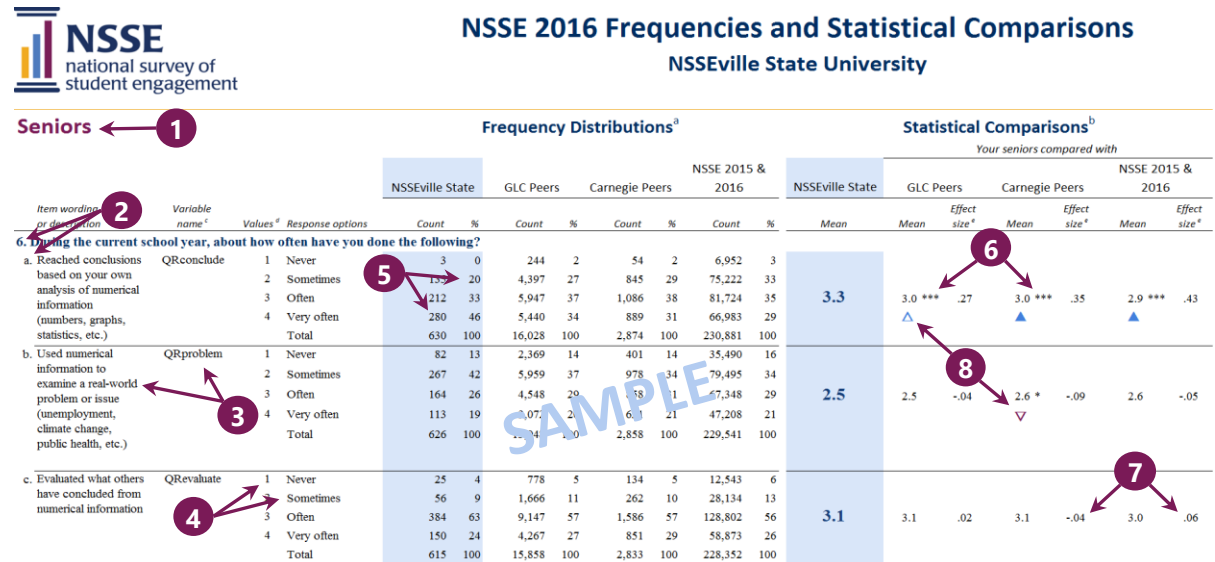
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NSSE 2016 Frequencies and Statistical Comparisons

About This Report

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

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



NSSE 2016 Frequencies and Statistical Comparisons											NSSEville State University													
Seniors ← 1											Frequency Distributions ^a				Statistical Comparisons ^b									
											Your seniors compared with				NSSE 2015 & 2016									
											NSSEville State		GLC Peers		Carnegie Peers		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e						
6. Doing the current school year, about how often have you done the following?																								
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)																								
	QRconclude	1	Never	3	0	244	2	54	2	6,952	33	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43						
		2	Sometimes	132	20	4,397	27	845	29	75,222	33													
		3	Often	212	33	5,947	37	1,086	38	81,724	35													
		4	Very often	280	46	5,440	34	889	31	66,983	29													
			Total	630	100	16,028	100	2,874	100	230,881	100													
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)																								
	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05						
		2	Sometimes	267	42	5,959	37	978	34	79,495	34													
		3	Often	164	26	4,548	29	88	1	67,348	29													
		4	Very often	113	19	3,072	20	6	21	47,208	21													
			Total	626	100	15,064	100	2,858	100	229,541	100													
c. Evaluated what others have concluded from numerical information																								
	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06						
		2	Sometimes	56	9	1,666	11	262	10	28,134	13													
		3	Often	384	63	9,147	57	1,586	57	128,802	56													
		4	Very often	150	24	4,267	27	851	29	58,873	26													
			Total	615	100	15,858	100	2,833	100	228,352	100													

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

8. **Key to symbols:**

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

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

		Your first-year students compared with																	
		ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	16	2	1,573	4	681	3	4,010	3	2.8	2.8	.07	2.8	.04	2.8	-.02	
		2	Sometimes	207	35	17,134	38	7,867	37	44,887	35								
		3	Often	223	39	16,156	35	7,789	36	46,076	35								
		4	Very often	133	23	10,479	23	5,220	23	34,427	26								
		Total		579	100	45,342	100	21,557	100	129,400	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	90	16	8,196	19	3,632	18	20,613	17	2.4	2.4 *	-0.08	2.5 *	-.10	2.5 ***	-.14	
		2	Sometimes	249	44	15,679	35	7,471	35	44,672	35								
		3	Often	160	28	12,966	29	6,292	29	38,054	30								
		4	Very often	71	13	8,090	17	4,004	18	24,935	19								
		Total		570	100	44,931	100	21,399	100	128,274	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	27	5	2,696	6	1,289	6	6,384	5	3.1	3.0 ***	.14	3.0 **	.11	3.0	.04	
		2	Often	55	10	6,385	15	2,962	14	15,891	13								
		3	Sometimes	329	59	25,581	57	11,994	56	71,854	56								
		4	Never	150	26	10,080	22	5,038	24	33,694	27								
		Total		561	100	44,742	100	21,283	100	127,823	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	233	42	15,361	35	8,315	41	44,624	37	1.9	2.0 **	-.11	1.9	-.01	2.0 *	-.08	
		2	Sometimes	211	37	18,247	41	8,239	38	49,668	38								
		3	Often	76	14	7,198	16	2,968	14	21,592	16								
		4	Very often	44	8	3,725	8	1,665	7	11,547	8								
		Total		564	100	44,531	100	21,187	100	127,431	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	28	5	3,163	8	1,542	8	10,753	10	2.8	2.7 ***	.13	2.6 ***	.18	2.6 ***	.20	
		2	Sometimes	173	31	16,338	38	8,098	39	47,276	38								
		3	Often	252	45	16,303	36	7,610	36	45,415	34								
		4	Very often	112	19	8,584	19	3,854	17	23,749	18								
		Total		565	100	44,388	100	21,104	100	127,193	100								
f. Explained course material to one or more students	CLexplain	1	Never	16	3	1,656	4	742	4	6,198	6	2.8	2.8 *	.09	2.7 **	.11	2.7 ***	.16	
		2	Sometimes	180	32	15,686	36	7,634	37	45,950	37								
		3	Often	245	43	18,108	40	8,501	40	50,532	39								
		4	Very often	119	22	8,743	20	4,120	19	24,110	19								
		Total		560	100	44,193	100	20,997	100	126,790	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	ISU		Great Lakes				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	46	8	5,392	13	2,942	15	17,375	15	2.7	2.6 **	.12	2.5 ***	.21	2.5 ***	.18
		2	Sometimes	186	33	15,472	35	7,745	37	43,445	35							
		3	Often	210	38	14,178	31	6,391	31	39,953	31							
		4	Very often	118	21	9,129	20	3,899	18	25,710	19							
		Total		560	100	44,171	100	20,977	100	126,483	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	22	4	2,929	7	1,313	7	9,439	9	2.8	2.7 ***	.14	2.7 ***	.14	2.6 ***	.17
		2	Sometimes	185	33	17,024	39	8,040	39	47,380	38							
		3	Often	250	45	15,967	36	7,616	36	45,797	35							
		4	Very often	99	18	8,020	18	3,890	18	23,394	18							
		Total		556	100	43,940	100	20,859	100	126,010	100							
i. Given a course presentation	present	1	Never	46	8	8,647	20	3,833	19	23,165	20	2.6	2.2 ***	.38	2.3 ***	.35	2.3 ***	.33
		2	Sometimes	225	40	19,995	46	9,359	46	55,834	44							
		3	Often	213	39	10,672	24	5,269	25	32,861	25							
		4	Very often	76	13	4,448	10	2,304	10	14,146	11							
		Total		560	100	43,762	100	20,765	100	126,006	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	36	6	2,655	6	1,200	6	9,140	8	2.7	2.7	.02	2.7	.01	2.6	.07
		2	Sometimes	202	37	16,389	39	7,681	38	48,518	40							
		3	Often	218	40	16,244	38	7,760	38	45,218	36							
		4	Very often	88	17	7,391	17	3,612	17	20,263	16							
		Total		544	100	42,679	100	20,253	100	123,139	100							
b. Connected your learning to societal problems or issues	RSocietal	1	Never	24	4	3,280	8	1,742	9	10,321	9	2.6	2.6	.05	2.6 *	.09	2.6	.05
		2	Sometimes	235	44	16,394	39	8,025	41	47,059	39							
		3	Often	195	36	15,622	36	7,107	35	44,581	36							
		4	Very often	87	16	7,057	16	3,226	15	20,340	16							
		Total		541	100	42,353	100	20,100	100	122,301	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	32	5	4,106	11	2,243	12	11,986	11	2.6	2.6	.05	2.5 **	.11	2.6	.03
		2	Sometimes	237	44	16,735	40	8,199	41	46,974	39							
		3	Often	187	36	14,335	33	6,437	31	41,975	34							
		4	Very often	78	15	7,057	16	3,194	15	20,970	17							
		Total		534	100	42,233	100	20,073	100	121,905	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	22	4	2,102	5	1,001	5	5,867	5	2.8	2.7	.04	2.7	.06	2.8	.02
		2	Sometimes	177	32	14,037	33	6,908	35	39,344	32							
		3	Often	239	45	18,182	43	8,374	42	53,010	43							
		4	Very often	97	19	7,735	19	3,688	18	23,189	19							
		Total		535	100	42,056	100	19,971	100	121,410	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	20	4	1,404	4	746	4	4,125	4	2.9	2.9	.06	2.8 *	.09	2.9	.04
		2	Sometimes	138	25	12,358	30	6,057	31	34,499	29							
		3	Often	251	47	18,436	43	8,508	43	53,469	44							
		4	Very often	125	24	9,719	23	4,581	23	28,763	24							
		Total		534	100	41,917	100	19,892	100	120,856	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	13	2	1,255	3	681	4	3,692	3	2.9	2.8 *	.10	2.8 **	.11	2.8	.06
		2	Sometimes	151	28	13,282	33	6,344	33	36,757	31							
		3	Often	249	47	18,169	43	8,572	43	52,845	43							
		4	Very often	119	22	9,009	21	4,241	21	26,959	22							
		Total		532	100	41,715	100	19,838	100	120,253	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	1	581	2	295	2	1,764	2	3.1	3.0	.03	3.0	.04	3.0	.03
		2	Sometimes	112	21	9,174	23	4,384	23	26,313	23							
		3	Often	266	50	19,644	47	9,339	47	56,892	47							
		4	Very often	151	28	12,117	29	5,738	28	34,723	29							
		Total		533	100	41,516	100	19,756	100	119,692	100							

3. During the current school year, about how often have you done the following?

a. Talked about career plans with a faculty member	SFcareer	1	Never	80	16	8,048	20	3,631	19	25,052	22	2.4	2.2 ***	.20	2.3 ***	.18	2.2 ***	.22
		2	Sometimes	225	42	19,391	46	9,116	46	54,452	45							
		3	Often	147	27	9,587	23	4,764	23	26,959	22							
		4	Very often	77	15	4,563	11	2,280	11	13,125	11							
		Total		529	100	41,589	100	19,791	100	119,588	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	232	44	20,183	49	9,915	51	58,148	50	1.9	1.8 *	.11	1.8 **	.13	1.8 **	.13
		2	Sometimes	174	33	13,121	31	5,899	30	37,528	30							
		3	Often	77	14	5,511	13	2,628	13	16,017	13							
		4	Very often	41	8	2,647	6	1,293	6	7,530	6							
		Total		524	100	41,462	100	19,735	100	119,223	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	158	29	13,271	32	6,303	32	38,471	34	2.1	2.0	.08	2.0	.07	2.0 *	△	
		2	Sometimes	222	43	18,035	43	8,443	43	50,466	41								
		3	Often	100	20	7,196	17	3,482	18	21,389	18								
		4	Very often	39	8	2,873	7	1,458	7	8,607	7								
		Total		519	100	41,375	100	19,686	100	118,933	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	119	22	10,076	25	4,879	26	29,091	26	2.2	2.1 *	.10	2.1 **	.12	2.1 *	△	
		2	Sometimes	234	45	19,596	47	9,272	47	55,279	46								
		3	Often	123	24	8,348	20	3,863	19	24,620	20								
		4	Very often	47	9	3,265	8	1,637	8	9,806	8								
		Total		523	100	41,285	100	19,651	100	118,796	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	16	3	1,219	3	613	3	4,683	4	3.0	3.0	.01	3.0	.03	2.9 *	△	
		2	Some	110	22	9,574	24	4,728	25	30,124	26								
		3	Quite a bit	251	47	18,695	45	8,763	45	53,274	45								
		4	Very much	147	27	11,887	28	5,592	27	30,866	25								
		Total		524	100	41,375	100	19,696	100	118,947	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	3	1,271	3	618	3	4,062	4	3.0	3.0	.01	3.0	.01	2.9	.06	
		2	Some	111	21	9,615	24	4,626	24	28,842	25								
		3	Quite a bit	274	52	18,936	46	8,983	46	54,754	46								
		4	Very much	127	24	11,364	28	5,386	27	30,821	25								
		Total		525	100	41,186	100	19,613	100	118,479	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	18	3	1,474	4	745	4	4,412	4	2.9	2.9	-.06	2.9	-.05	2.9	-.03	
		2	Some	128	26	10,386	25	4,934	26	30,002	26								
		3	Quite a bit	255	48	17,855	44	8,463	43	51,554	44								
		4	Very much	118	22	11,286	27	5,369	27	31,868	27								
		Total		519	100	41,001	100	19,511	100	117,836	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	12	2	1,799	5	885	5	4,686	4	2.9	2.9	.06	2.9	.07	2.9	.03	
		2	Some	130	25	11,191	28	5,451	28	31,208	27								
		3	Quite a bit	268	51	18,000	43	8,459	43	52,546	44								
		4	Very much	112	21	9,992	24	4,727	23	29,341	24								
		Total		522	100	40,982	100	19,522	100	117,781	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	ISU		Great Lakes				ISU		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	19	4	1,994	5	939	5	5,041	5	2.9	2.8	.06	2.8	.07	2.9	.03
		2	Some	128	26	11,585	29	5,574	29	32,322	28							
		3	Quite a bit	252	48	17,617	43	8,309	43	51,786	44							
		4	Very much	120	23	9,655	23	4,649	23	28,386	24							
		Total		519	100	40,851	100	19,471	100	117,535	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	7	1	741	2	344	2	2,451	2	3.1	3.1	.05	3.1	.05	3.1	.05
		2	Some	96	18	7,818	20	3,853	20	22,773	20							
		3	Quite a bit	249	48	19,536	47	9,127	47	54,521	46							
		4	Very much	170	32	12,983	32	6,265	32	38,241	33							
		Total		522	100	41,078	100	19,589	100	117,986	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	12	2	1,027	3	530	3	3,819	4	3.1	3.0	.04	3.0	.05	3.0	.05
		2	Some	95	18	8,200	20	3,875	20	23,527	20							
		3	Quite a bit	257	50	19,702	48	9,389	48	54,618	46							
		4	Very much	155	30	12,083	30	5,748	29	35,811	30							
		Total		519	100	41,012	100	19,542	100	117,775	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	15	3	1,124	3	539	3	3,752	4	3.0	3.0	.00	3.1	-.01	3.0	.00
		2	Some	107	21	8,739	22	4,111	21	24,489	21							
		3	Quite a bit	242	47	17,943	44	8,488	43	50,409	42							
		4	Very much	156	30	13,104	32	6,356	32	38,864	33							
		Total		520	100	40,910	100	19,494	100	117,514	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	41	8	3,310	8	1,479	8	8,672	8	2.8	2.8	.03	2.8	-.01	2.8	-.04
		2	Some	158	30	12,515	31	5,683	30	33,195	29							
		3	Quite a bit	194	38	15,088	37	7,266	37	43,520	37							
		4	Very much	125	24	9,985	24	5,075	25	32,099	27							
		Total		518	100	40,898	100	19,503	100	117,486	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	42	8	3,764	9	1,739	9	9,756	9	2.8	2.7	.07	2.7	.05	2.7	.00
		2	Some	170	33	13,499	33	6,324	33	36,249	31							
		3	Quite a bit	193	37	15,101	37	7,159	37	44,052	37							
		4	Very much	114	23	8,406	21	4,210	21	27,048	23							
		Total		519	100	40,770	100	19,432	100	117,105	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	49	9	4,553	11	2,226	11	14,099	11	2.6	2.6	.03	2.6	.04	2.6	.07	
		2	Sometimes	186	34	14,696	35	6,993	35	42,717	36								
		3	Often	212	43	14,920	37	7,064	37	42,056	36								
		4	Very often	72	15	6,833	17	3,279	17	18,683	16								
		Total		519	100	41,002	100	19,562	100	117,555	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	84	15	8,310	20	4,009	20	24,730	21	2.4	2.3 **	.12	2.3 **	.13	2.3 **	.14	
		2	Sometimes	198	38	16,449	40	7,863	40	47,425	40								
		3	Often	177	35	11,322	28	5,385	28	32,056	28								
		4	Very often	58	11	4,837	12	2,261	12	13,146	12								
		Total		517	100	40,918	100	19,518	100	117,357	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	97	17	7,526	18	3,665	18	23,390	20	2.3	2.3	.01	2.3	.02	2.3	.06	
		2	Sometimes	213	41	17,347	42	8,228	42	49,962	42								
		3	Often	162	32	11,610	29	5,505	29	32,152	28								
		4	Very often	48	10	4,369	11	2,090	11	11,680	10								
		Total		520	100	40,852	100	19,488	100	117,184	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	23	5	1,764	5	737	4	4,908	5	5.3	6.7 ***	-.24	6.8 ***	-.26	6.7 ***	-.24	
		1.5	1-2	122	26	7,497	20	3,559	20	19,957	19								
		4	3-5	173	37	11,858	31	5,727	32	34,335	32								
		8	6-10	102	22	9,446	25	4,425	24	26,859	24								
		13	11-15	26	5	3,882	10	1,803	10	11,366	10								
		18	16-20	10	2	1,714	4	858	5	5,031	4								
		23	More than 20	12	3	1,691	4	907	5	5,381	5								
Total		468	100	37,852	100	18,016	100	107,837	100										
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	176	37	12,477	35	5,492	31	34,630	34	1.7	2.1 **	-.12	2.2 ***	-.16	2.2 ***	-.15	
		1.5	1-2	199	43	15,144	40	7,506	42	42,285	39								
		4	3-5	61	14	6,411	17	3,250	18	19,184	18								
		8	6-10	21	4	2,133	6	1,018	6	6,835	7								
		13	11-15	2	1	512	1	229	1	1,604	2								
18	16-20	4	1	153	0	88	1	491	0										

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
		23	More than 20	0	0	135	0	86	1	492	1						
			Total	463	100	36,965	100	17,669	100	105,521	100						

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b											
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
c. 11 pages or more	wrlongnum	0	None	368	80	28,122	77	13,110	75	79,414	77	.5	▽	.8 ***	-.12	▽	.9 ***	-.15	▽	.9 ***	-.13
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	72	16	5,926	16	3,094	18	17,456	16										
		4	3-5	11	3	1,045	3	516	3	3,219	3										
		8	6-10	6	1	584	2	286	2	1,737	2										
		13	11-15	1	0	310	1	150	1	985	1										
		18	16-20	0	0	109	0	56	0	350	0										
		23	More than 20	0	0	144	0	90	1	505	1										
		Total			458	100	36,240	100	17,302	100	103,666										
Estimated number of assigned pages of student writing.	wrpages											35.8	▽	47.2 ***	-.19	▽	49.9 ***	-.22	▽	49.1 ***	-.21
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																				
8. During the current school year, about how often have you had discussions with people from the following groups?																					
a. People of a race or ethnicity other than your own	DDrace	1	Never	10	2	1,440	4	860	5	5,285	5	3.1	3.1	.07	3.0 ***	.15	△	3.0 **	.12		
		2	Sometimes	105	22	9,187	24	4,671	26	26,742	25										
		3	Often	170	36	12,206	32	5,820	32	33,964	31										
		4	Very often	193	40	15,263	40	6,813	37	42,411	39										
		Total		478	100	38,096	100	18,164	100	108,402	100										
b. People from an economic background other than your own	DDeconomic	1	Never	14	3	1,369	4	807	5	5,018	5	3.1	3.1	.04	3.0 *	.11	△	3.0 *	.10		
		2	Sometimes	98	21	8,511	23	4,316	25	25,440	24										
		3	Often	182	39	13,725	36	6,589	36	38,483	35										
		4	Very often	181	37	14,381	38	6,410	35	39,114	36										
		Total		475	100	37,986	100	18,122	100	108,055	100										
c. People with religious beliefs other than your own	DDreligion	1	Never	16	3	1,941	5	1,048	6	7,555	7	3.1	3.0	.04	3.0	.08	2.9 **	.12			
		2	Sometimes	118	25	9,251	25	4,481	25	28,887	26										
		3	Often	162	35	12,312	32	5,953	33	33,476	31										
		4	Very often	181	37	14,463	38	6,607	36	38,074	35										
		Total		477	100	37,967	100	18,089	100	107,992	100										
d. People with political views other than your own	DDpolitical	1	Never	20	4	1,913	5	1,119	6	6,580	6	3.0	3.0	.02	3.0 *	.09	3.0 *	.09			
		2	Sometimes	109	23	9,151	24	4,494	26	28,261	26										
		3	Often	174	37	12,687	33	6,113	34	35,665	33										

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
		4	Very often	170	35	14,095	37	6,303	34	37,232	35								
			Total	473	100	37,846	100	18,029	100	107,738	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	4	1	645	2	347	2	1,777	2	3.2	3.1 *	.11	3.0 **	.14	3.1 **	.12	
		2	Sometimes	87	18	7,727	21	3,779	22	22,087	21								
		3	Often	213	46	17,133	45	7,996	45	49,267	46								
		4	Very often	169	35	12,295	32	5,877	31	34,232	31								
		Total		473	100	37,800	100	17,999	100	107,363	100								
b. Reviewed your notes after class	LSnotes	1	Never	15	3	1,803	5	786	5	5,064	5	3.0	2.9 ***	.16	2.9 **	.13	2.9 **	.14	
		2	Sometimes	123	26	11,380	31	5,205	30	31,248	30								
		3	Often	165	35	12,901	34	6,178	34	37,380	35								
		4	Very often	171	35	11,644	30	5,798	31	33,484	30								
		Total		474	100	37,728	100	17,967	100	107,176	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	20	4	2,349	6	1,049	6	6,578	6	2.9	2.8 **	.12	2.8 *	.11	2.8 *	.11	
		2	Sometimes	139	29	11,629	31	5,456	31	32,818	31								
		3	Often	179	38	13,838	37	6,582	37	39,667	37								
		4	Very often	133	29	9,575	25	4,700	25	27,354	25								
		Total		471	100	37,391	100	17,787	100	106,417	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	2	0	143	0	60	0	558	1	5.4	5.5	-.04	5.5	-.05	5.5	-.06	
		2		3	1	352	1	160	1	1,018	1								
		3		19	4	1,098	3	531	3	3,289	3								
		4		50	11	3,841	10	1,843	11	10,765	10								
		5		176	36	12,953	34	6,001	33	35,359	33								
		6		130	27	11,751	31	5,658	31	31,458	29								
		7	Very much	94	20	7,550	20	3,707	20	24,581	23								
		Total		474	100	37,688	100	17,960	100	107,028	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	38	8	3,370	10	1,747	11	11,641	12	5%	8% **	-.14	8% **	-.14	8% **	-.14	
			Do not plan to do	26	6	1,234	4	651	4	4,448	5								
			Plan to do	385	82	29,913	79	14,061	77	81,612	75								
			Done or in progress	22	5	3,110	8	1,492	8	9,079	8								

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

<i>Item wording or description</i>	<i>Variable name^c</i>	<i>Values^d</i>	<i>Response options</i>	Frequency Distributions ^a								Statistical Comparisons ^b					
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016		
				<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Mean</i>	<i>Effect size^e</i>	<i>Mean</i>
	<i>progress."</i>)	Total		471	100	37,627	100	17,951	100	106,780	100						

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Great Lakes								Your first-year students compared with						
				ISU		Carnegie Group		Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	106	22	9,315	25	4,717	26	28,878	27	11%	13%	-0.05	12%	-0.02	11%	-0.02
			Do not plan to do	88	19	7,269	20	4,135	24	23,642	24							
			Plan to do	224	48	16,189	43	6,898	38	41,636	38							
			Done or in progress	53	11	4,727	13	2,137	12	12,250	11							
			Total	471	100	37,500	100	17,887	100	106,406	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	157	33	10,543	28	5,083	29	34,267	32	8%	19% ***	-0.33	18% ***	-0.31	15% ***	-0.22
			Do not plan to do	125	27	10,288	28	5,074	29	27,618	27							
			Plan to do	149	32	9,643	25	4,326	24	29,142	27							
			Done or in progress	38	8	6,946	19	3,370	18	15,082	15							
			Total	469	100	37,420	100	17,853	100	106,109	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	123	26	9,758	27	4,970	28	29,335	28	3%	4%	-0.03	3%	-0.01	3%	.00
			Do not plan to do	127	29	8,387	24	4,894	29	27,843	28							
			Plan to do	205	42	17,872	46	7,364	39	45,456	40							
			Done or in progress	15	3	1,389	4	619	3	3,449	3							
			Total	470	100	37,406	100	17,847	100	106,083	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	179	39	13,387	36	6,553	37	39,898	38	4%	6%	-0.08	6%	-0.08	5%	-0.05
			Do not plan to do	135	29	8,654	23	4,359	24	24,335	23							
			Plan to do	135	29	13,197	36	5,811	34	36,174	34							
			Done or in progress	20	4	2,066	6	1,041	6	5,408	5							
			Total	469	100	37,304	100	17,764	100	105,815	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	194	41	12,045	33	5,831	33	33,110	32	2%	3%	-0.06	3%	-0.06	2%	-0.04
			Do not plan to do	69	15	3,827	11	1,835	11	10,418	11							
			Plan to do	196	42	20,452	54	9,618	54	59,924	55							
			Done or in progress	8	2	948	3	491	3	2,361	2							
			Total	467	100	37,272	100	17,775	100	105,813	100							

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

servcourse	1	2	3	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Effect size ^e	Effect size ^e	Effect size ^e
None	261	55	18,248	49	8,958	51	48,351	1.5	1.6	-0.08	1.6	-0.05	1.6 ***	-0.15
Some	164	36	16,173	43	7,458	42	47,755							
Most	35	8	2,318	6	1,076	6	8,016							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
		4	All	3	1	427	1	170	1	1,681	2						
			Total	463	100	37,166	100	17,662	100	105,803	100					▼	

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	6	1	461	1	252	1	1,530	2	5.5	5.5	-.01	5.4	.03	5.5	.00
		2		8	2	726	2	364	2	2,068	2							
		3		16	4	1,701	5	891	5	4,998	5							
		4		57	12	4,090	11	2,085	12	11,835	11							
		5		123	26	9,392	25	4,573	26	26,601	25							
		6		147	31	11,054	29	5,196	29	29,101	27							
	7	Excellent	110	23	9,855	26	4,436	24	29,170	27								
	—	Not applicable	1	0	210	1	74	0	827	1								
	Total			468	100	37,489	100	17,871	100	106,130	100							
b. Academic advisors	QIadvisor	1	Poor	7	2	1,179	3	675	4	3,530	4	5.7	5.2 ***	.34	5.1 ***	.37	5.2 ***	.32
		2		9	2	1,763	5	929	5	4,832	5							
		3		20	4	2,958	8	1,437	8	8,003	8							
		4		43	9	5,087	13	2,415	14	14,011	13							
		5		88	18	7,674	21	3,554	20	21,229	20							
		6		113	24	8,172	22	3,908	22	22,486	21							
	7	Excellent	183	40	9,910	27	4,535	26	29,670	28								
	—	Not applicable	7	1	674	2	382	2	2,191	2								
	Total			470	100	37,417	100	17,835	100	105,952	100							
c. Faculty	QIfaculty	1	Poor	4	1	577	2	334	2	1,919	2	5.3	5.2	.09	5.2 *	.09	5.3	.03
		2		10	2	1,107	3	565	3	2,943	3							
		3		21	5	2,324	6	1,141	6	6,081	6							
		4		73	15	5,416	14	2,493	14	13,985	13							
		5		124	27	10,205	27	4,753	27	26,678	25							
		6		152	32	10,628	29	5,087	29	29,421	27							
	7	Excellent	82	18	6,696	18	3,224	18	23,586	22								
	—	Not applicable	2	0	303	1	142	1	1,017	1								
	Total			468	100	37,256	100	17,739	100	105,630	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	ISU		Great Lakes				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	15	3	1,331	4	799	4	4,230	5.2	5.0	.09	4.9 **	.13	5.0	.07	
		2		17	3	1,632	4	849	5	4,506								4
		3		30	6	2,742	7	1,315	7	7,310								7
		4		68	14	5,484	15	2,483	14	14,070								13
		5		107	22	8,456	22	3,848	22	22,297								21
		6		119	26	8,511	23	3,748	21	22,736								21
		7	Excellent	92	19	6,625	18	2,948	16	21,107								20
		—	Not applicable	20	4	2,539	7	1,789	11	9,444								10
	Total	468	100	37,320	100	17,779	100	105,700	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	15	3	1,652	5	878	5	4,542	5.0	4.8 **	.12	4.8 **	.13	5.0	.04	
		2		15	3	2,009	5	1,038	6	5,197								5
		3		43	9	3,034	8	1,477	8	8,169								8
		4		61	13	5,869	16	2,698	15	15,208								14
		5		109	24	8,359	22	3,837	22	22,971								21
		6		103	22	7,456	20	3,465	20	22,238								20
		7	Excellent	81	17	5,792	16	2,771	15	20,637								20
		—	Not applicable	42	9	3,181	9	1,639	10	6,906								7
	Total	469	100	37,352	100	17,803	100	105,868	100									

14. How much does your institution emphasize the following?

a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	8	2	488	1	234	1	1,609	3.2	3.2	.03	3.2	.01	3.2	.04	
		2	Some	67	15	5,614	16	2,621	16	15,722								16
		3	Quite a bit	206	46	16,513	47	7,672	46	45,906								46
		4	Very much	173	37	12,947	36	6,349	37	37,485								36
			Total	454	100	35,562	100	16,876	100	100,722								100
b. Providing support to help students succeed academically	SEacademic	1	Very little	10	2	1,050	3	544	3	3,258	3.1	3.1	.05	3.1	.09	3.1	.08	
		2	Some	78	18	6,526	19	3,223	20	18,897								20
		3	Quite a bit	191	43	15,146	43	7,132	43	41,597								42
		4	Very much	172	36	12,583	35	5,846	34	36,092								35
	Total	451	100	35,305	100	16,745	100	99,844	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	22	5	1,610	5	897	6	4,850	3.2	3.1	.06	3.1 *	.11	3.1	.07	
		2	Some	68	15	5,970	17	2,974	19	16,673								18
		3	Quite a bit	157	36	13,354	38	6,224	37	36,798								37

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
		4	Very much	203	43	14,305	40	6,638	38	41,430	40						
			Total	450	100	35,239	100	16,733	100	99,751	100						

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	38	8	3,541	10	1,887	11	10,748	11	2.8	2.8	-.01	2.7	.04	2.8	.01
		2	Some	138	31	9,944	28	4,818	29	28,093	28							
		3	Quite a bit	163	37	12,298	35	5,683	34	34,245	34							
		4	Very much	111	24	9,500	26	4,347	25	26,688	26							
		Total		450	100	35,283	100	16,735	100	99,774	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	11	3	1,465	4	853	5	5,301	6	3.1	3.0	.03	3.0 *	.10	3.0 **	.11
		2	Some	91	20	7,106	21	3,648	23	21,760	23							
		3	Quite a bit	192	45	14,277	41	6,594	40	39,075	39							
		4	Very much	154	33	12,389	34	5,611	32	33,494	32							
		Total		448	100	35,237	100	16,706	100	99,630	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	5	1	1,670	5	1,038	6	6,407	7	3.2	3.0 ***	.18	3.0 ***	.26	2.9 ***	.27
		2	Some	82	19	7,271	21	3,742	23	22,465	23							
		3	Quite a bit	178	41	14,065	40	6,525	39	38,584	38							
		4	Very much	181	39	12,182	34	5,379	31	31,993	31							
		Total		446	100	35,188	100	16,684	100	99,449	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	71	14	6,692	19	3,463	21	20,429	21	2.6	2.4 ***	.19	2.4 ***	.22	2.4 ***	.23
		2	Some	140	32	12,730	36	5,918	36	35,542	36							
		3	Quite a bit	150	34	10,224	29	4,697	28	28,071	28							
		4	Very much	88	20	5,486	15	2,583	15	15,355	15							
		Total		449	100	35,132	100	16,661	100	99,397	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	15	3	1,830	5	1,162	7	7,859	9	3.0	3.0	.01	2.9 **	.13	2.9 **	.13
		2	Some	122	28	8,125	24	4,213	27	23,706	25							
		3	Quite a bit	167	38	14,023	40	6,503	39	37,937	38							
		4	Very much	145	32	11,117	31	4,766	27	29,669	29							
		Total		449	100	35,095	100	16,644	100	99,171	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	59	13	4,059	12	2,279	14	13,623	15	2.6	2.6	-.05	2.5	.03	2.6	.01
		2	Some	164	36	11,779	34	5,792	35	32,668	33							
		3	Quite a bit	139	32	12,053	34	5,385	33	32,832	32							
		4	Very much	86	19	7,122	20	3,126	18	19,880	19							
		Total		448	100	35,013	100	16,582	100	99,003	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

		Your first-year students compared with																	
		ISU				Great Lakes				ISU									
		Carnegie Group		Public		NSSE 2016		Carnegie Group		Great Lakes Public		NSSE 2016							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	163	1	78	1	437	1	14.5	14.7	-.02	14.6	-.01	14.4	.01	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	47	11	3,928	12	2,112	13	12,254	13								
	8	6-10 hrs	103	23	8,165	23	3,896	23	22,631	23									
	13	11-15 hrs	107	24	7,931	22	3,581	21	21,911	22									
	18	16-20 hrs	99	22	6,908	19	3,129	18	19,193	19									
	23	21-25 hrs	52	12	4,152	12	1,962	12	11,314	11									
	28	26-30 hrs	17	3	2,052	6	990	6	5,843	6									
	33	More than 30 hrs	25	5	1,903	6	958	6	5,829	6									
	Total			451	100	35,202	100	16,706	100	99,412	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	106	24	8,906	26	5,367	33	29,696	33	6.4	5.9	.07	5.3 ***	.16	5.6 *	.11	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	151	32	12,563	35	5,725	34	33,141	32								
	8	6-10 hrs	106	24	6,709	19	2,662	16	16,588	16									
	13	11-15 hrs	43	10	3,411	10	1,429	9	9,130	9									
	18	16-20 hrs	25	6	1,945	6	790	5	5,521	5									
	23	21-25 hrs	7	2	799	2	327	2	2,561	2									
	28	26-30 hrs	4	1	290	1	130	1	913	1									
	33	More than 30 hrs	7	2	364	1	174	1	1,286	1									
	Total			449	100	34,987	100	16,604	100	98,836	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	365	81	28,060	80	13,357	80	76,546	79	2.3	2.4	-.02	2.4	-.02	2.4	-.02	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	4	1,037	3	560	3	4,486	4								
	8	6-10 hrs	23	5	2,199	6	1,019	6	7,869	7									
	13	11-15 hrs	20	5	2,005	6	878	5	4,968	5									
	18	16-20 hrs	15	3	1,183	3	550	3	3,502	3									
	23	21-25 hrs	4	1	351	1	170	1	903	1									
	28	26-30 hrs	1	0	101	0	52	0	292	0									
	33	More than 30 hrs	5	1	134	0	62	0	441	1									
	Total			450	100	35,070	100	16,648	100	99,007	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Great Lakes								Your first-year students compared with						
				ISU		Carnegie Group		Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	368	81	26,433	76	11,118	67	67,840	67	2.5	3.5 ***	-0.14	5.4 ***	-0.31	5.8 ***	-0.33
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	5	1,578	4	773	5	4,822	5							
	8	6-10 hrs	15	3	1,691	5	872	5	5,232	5								
	13	11-15 hrs	15	3	1,596	4	978	6	4,904	5								
	18	16-20 hrs	13	3	1,575	4	1,057	6	5,415	6								
	23	21-25 hrs	13	3	947	3	754	4	3,725	4								
	28	26-30 hrs	3	1	501	1	478	3	2,223	2								
	33	More than 30 hrs	4	1	658	2	563	4	4,629	6								
	Total			450	100	34,979	100	16,593	100	98,790	100							
Estimated number of hours working for pay	tmworkhrs											4.8	5.9 *	-0.11	7.7 ***	-0.27	8.2 ***	-0.29
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	232	53	18,818	55	9,194	57	53,272	55	2.8	2.4	0.09	2.4 *	0.10	2.6	0.05
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	147	32	11,948	33	5,397	31	33,092	32							
	8	6-10 hrs	37	8	2,196	6	1,067	6	6,486	7								
	13	11-15 hrs	12	3	920	3	404	3	2,753	3								
	18	16-20 hrs	10	2	532	2	241	2	1,477	2								
	23	21-25 hrs	1	0	247	1	111	1	662	1								
	28	26-30 hrs	2	1	68	0	35	0	259	0								
33	More than 30 hrs	3	1	97	0	43	0	420	0									
	Total			444	100	34,826	100	16,492	100	98,421	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	450	1	245	2	1,841	2	13.4	12.8	0.07	12.5 *	0.11	12.1 ***	0.16
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	68	15	6,296	18	3,270	20	21,816	22							
	8	6-10 hrs	118	26	9,770	27	4,653	27	27,316	27								
	13	11-15 hrs	109	24	7,734	22	3,512	21	20,358	20								
	18	16-20 hrs	74	17	5,061	15	2,275	14	12,954	13								
	23	21-25 hrs	34	8	2,575	8	1,156	7	6,182	6								
	28	26-30 hrs	11	3	1,058	3	542	3	2,833	3								
	33	More than 30 hrs	29	7	1,961	6	892	6	5,453	6								
	Total			446	100	34,905	100	16,545	100	98,753	100							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU Mean	Carnegie Group		Great Lakes Public		NSSE 2016		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	379	86	28,838	82	12,844	77	75,665	74	1.4	1.7	-.05	2.3 ***	-.14	3.1 ***	-.22	
		3	1-5 hrs	29	6	2,898	8	1,747	11	10,169	11								
		8	6-10 hrs	9	2	1,182	4	690	4	4,217	5								
		13	11-15 hrs	12	3	735	2	445	3	2,527	3								
		18	16-20 hrs	8	2	489	1	269	2	1,606	2								
		23	21-25 hrs	2	1	258	1	137	1	877	1								
		28	26-30 hrs	2	0	107	0	61	0	454	1								
		33	More than 30 hrs	2	0	381	1	318	2	3,056	4								
Total				443	100	34,888	100	16,511	100	98,571	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	177	39	14,588	41	5,677	34	44,138	42	3.8	3.6	.04	4.1	-.05	3.8	.00	
		3	1-5 hrs	180	40	13,738	39	7,081	42	35,540	36								
		8	6-10 hrs	54	12	3,960	12	2,392	15	10,767	12								
		13	11-15 hrs	15	4	1,365	4	785	5	4,006	4								
		18	16-20 hrs	10	2	694	2	336	2	2,052	2								
		23	21-25 hrs	3	1	311	1	146	1	862	1								
		28	26-30 hrs	3	1	120	0	63	0	408	0								
		33	More than 30 hrs	6	1	249	1	136	1	1,127	1								
Total				448	100	35,025	100	16,616	100	98,900	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	tmreadinghrs <i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>	1	Very little	52	12	4,526	14	2,373	15	11,071	12	2.6	2.7	-.04	2.6	.00	2.8 **	-.14	
		2	Some	166	38	11,939	35	5,763	36	31,062	32								
		3	About half	145	32	9,995	28	4,585	27	29,442	30								
		4	Most	58	12	6,331	18	2,818	17	19,960	19								
		5	Almost all	27	6	2,101	6	982	5	7,413	7								
		Total				448	100	34,892	100	16,521	100								98,948
												6.2	6.4	-.04	6.2	-.01	6.7 *	-.09	

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b								
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
	tmreadinghrscol	1	0 hrs	1	0	143	0	70	0	422	1									
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	242	55	17,665	52	8,704	54	47,334	50									
		3	More than 5, up to 10 hrs	130	28	10,313	29	4,671	28	29,571	29									
		4	More than 10, up to 15 hrs	39	9	3,497	10	1,580	9	10,616	10									
		5	More than 15, up to 20 hrs	19	4	1,654	5	784	4	5,472	5									
		6	More than 20, up to 25 hrs	10	2	1,117	3	480	3	3,638	3									
		7	More than 25 hrs	7	1	349	1	168	1	1,446	1									
		Total		448	100	34,738	100	16,457	100	98,499	100									

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

a. Writing clearly and effectively	pgwrite	1	Very little	39	9	3,061	9	1,459	9	6,983	8	2.8	2.7	.04	2.7	.03	2.8	-.06
		2	Some	119	26	9,965	29	4,715	29	26,349	27							
		3	Quite a bit	201	44	14,231	40	6,641	40	41,209	41							
		4	Very much	89	21	7,712	22	3,739	22	24,096	24							
		Total	448	100	34,969	100	16,554	100	98,637	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	18	4	4,294	13	2,020	13	10,558	11	3.0	2.6 ***	.38	2.6 ***	.37	2.7 ***	.30
		2	Some	104	22	11,255	33	5,228	32	30,565	31							
		3	Quite a bit	216	49	12,638	36	5,989	36	36,775	37							
		4	Very much	109	25	6,660	19	3,261	19	20,463	21							
		Total	447	100	34,847	100	16,498	100	98,361	100								
c. Thinking critically and analytically	pgthink	1	Very little	13	2	1,174	4	562	4	3,070	3	3.1	3.0	.05	3.0	.06	3.1	.01
		2	Some	83	19	6,913	20	3,309	20	18,547	19							
		3	Quite a bit	203	46	15,579	44	7,356	44	42,956	44							
		4	Very much	142	32	11,196	32	5,273	32	33,823	34							
		Total	441	100	34,862	100	16,500	100	98,396	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	48	10	4,644	13	2,177	13	13,521	13	2.7	2.6 *	.09	2.7	.07	2.6 *	.09
		2	Some	127	28	11,079	32	5,092	31	31,478	32							
		3	Quite a bit	191	43	12,005	35	5,812	36	33,522	35							

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU	Carnegie Group	Great Lakes Public	NSSE 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
		4	Very much	81	19	7,074	21	3,387	21	19,785	21		△			△	
			Total	447	100	34,802	100	16,468	100	98,306	100						

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Great Lakes								Your first-year students compared with						
				ISU		Carnegie Group		Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	56	12	4,600	14	2,151	14	13,053	14	2.7	2.6	.06	2.6	.05	2.6	.06
		2	Some	136	31	11,327	33	5,127	32	31,551	32							
		3	Quite a bit	161	37	11,834	34	5,646	34	33,069	33							
		4	Very much	92	21	7,079	20	3,572	21	20,641	21							
		Total		445	100	34,840	100	16,496	100	98,314	100							
f. Working effectively with others	pgothers	1	Very little	24	5	2,364	7	1,087	7	6,452	7	2.9	2.8	.07	2.8	.05	2.8	.04
		2	Some	118	26	9,777	29	4,466	28	26,847	28							
		3	Quite a bit	197	45	14,192	40	6,699	40	39,664	40							
		4	Very much	104	24	8,482	24	4,228	24	25,282	25							
		Total		443	100	34,815	100	16,480	100	98,245	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	38	8	4,312	13	2,199	14	10,855	12	2.7	2.6	.07	2.6 **	.11	2.7	.01
		2	Some	126	29	10,279	30	5,041	31	27,919	29							
		3	Quite a bit	204	46	12,459	35	5,763	34	35,572	36							
		4	Very much	73	17	7,754	21	3,480	20	23,876	23							
		Total		441	100	34,804	100	16,483	100	98,222	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	35	8	3,510	11	1,841	12	9,805	10	2.7	2.7	.01	2.7	.04	2.8	-.02
		2	Some	141	31	9,972	29	4,815	30	27,808	28							
		3	Quite a bit	179	41	12,698	36	5,854	35	35,188	36							
		4	Very much	90	21	8,651	24	3,983	23	25,425	26							
		Total		445	100	34,831	100	16,493	100	98,226	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	48	10	4,043	12	2,032	13	11,565	12	2.6	2.6	.01	2.6	.03	2.6	.00
		2	Some	164	37	11,605	33	5,507	34	32,532	33							
		3	Quite a bit	151	35	12,275	35	5,729	35	34,223	35							
		4	Very much	82	19	6,872	20	3,206	19	19,842	20							
		Total		445	100	34,795	100	16,474	100	98,162	100							
j. Being an informed and active citizen	pgcizen	1	Very little	44	9	4,371	13	2,321	15	11,994	13	2.7	2.6 **	.15	2.6 ***	.19	2.6 *	.12
		2	Some	135	30	11,354	33	5,416	33	31,520	32							
		3	Quite a bit	166	38	12,003	34	5,550	34	33,763	34							
		4	Very much	95	22	6,934	20	3,103	19	20,567	21							
		Total		440	100	34,662	100	16,390	100	97,844	100							

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NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	ISU		Carnegie Group		Great Lakes Public		NSSE 2016		ISU		Carnegie Group		Great Lakes Public		NSSE 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	4	1	499	2	283	2	1,783	2	3.3	3.2	.06	3.2 *	.12	3.2	.06	
		2	Fair	43	10	3,890	12	2,005	13	11,344	12								
		3	Good	231	52	17,504	50	8,547	52	47,082	48								
		4	Excellent	162	37	13,087	36	5,767	34	38,409	37								
			Total	440	100	34,980	100	16,602	100	98,618	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	10	2	1,072	3	577	4	3,587	4	3.3	3.3	.00	3.2	.06	3.2	.05	
		2	Probably no	47	11	3,803	11	1,909	12	11,763	12								
		3	Probably yes	203	46	14,472	42	7,058	43	40,368	42								
		4	Definitely yes	185	41	15,680	44	7,076	41	43,035	42								
			Total	445	100	35,027	100	16,620	100	98,753	100								

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NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	ISU	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016
1 a. askquest	579	2.83	2.77	2.80	2.84	.034	.004	.006	.003	.81	.84	.84	.85	595	615	585	.107	.334	.650	.07	.04	-.02
b. drafts	570	2.37	2.44	2.47	2.51	.038	.005	.007	.003	.90	.99	.98	.98	588	609	577	.049	.011	.000	-.08	-.10	-.14
c. unpreparedr	560	3.07	2.95	2.98	3.03	.032	.004	.006	.002	.75	.78	.79	.77	41,533	19,934	99,523	.001	.008	.321	.14	.11	.04
d. attendart	564	1.87	1.98	1.88	1.95	.039	.005	.007	.003	.93	.92	.91	.93	41,308	19,820	99,170	.009	.853	.044	-.11	-.01	-.08
e. CLaskhelp	565	2.78	2.66	2.62	2.60	.034	.004	.006	.003	.81	.87	.86	.89	582	602	572	.001	.000	.000	.13	.18	.20
f. CLexplain	560	2.84	2.76	2.75	2.70	.034	.004	.006	.003	.79	.81	.80	.83	576	594	566	.031	.010	.000	.09	.11	.16
g. CLstudy	560	2.71	2.59	2.51	2.54	.038	.005	.007	.003	.89	.95	.95	.97	577	597	567	.002	.000	.000	.12	.21	.18
h. CLproject	556	2.77	2.65	2.65	2.62	.033	.004	.006	.003	.78	.85	.85	.88	574	594	564	.001	.001	.000	.14	.14	.17
i. present	560	2.57	2.24	2.26	2.28	.035	.004	.006	.003	.82	.88	.88	.90	40,475	19,420	97,895	.000	.000	.000	.38	.35	.33
2 a. RIntegrate	545	2.67	2.65	2.66	2.61	.035	.004	.006	.003	.82	.83	.83	.85	39,329	18,873	95,367	.614	.820	.087	.02	.01	.07
b. RSocietal	543	2.64	2.60	2.56	2.59	.034	.004	.006	.003	.80	.86	.86	.87	560	580	549	.259	.028	.177	.05	.09	.05
c. RIdiverse	535	2.60	2.55	2.50	2.57	.035	.005	.007	.003	.80	.89	.89	.89	553	574	542	.195	.007	.424	.05	.11	.03
d. Rlownview	537	2.78	2.75	2.73	2.77	.034	.004	.006	.003	.79	.82	.82	.82	38,694	18,592	93,842	.347	.151	.697	.04	.06	.02
e. Rlperspect	537	2.91	2.86	2.83	2.88	.035	.004	.006	.003	.80	.81	.82	.81	38,536	570	93,377	.157	.038	.377	.06	.09	.04
f. Rlnewview	535	2.89	2.82	2.81	2.84	.033	.004	.006	.003	.77	.80	.80	.80	551	570	541	.023	.010	.119	.10	.11	.06
g. Rlconnect	536	3.05	3.03	3.02	3.03	.031	.004	.006	.003	.72	.76	.76	.76	38,142	18,376	92,397	.486	.373	.440	.03	.04	.03
3 a. SFcareer	532	2.41	2.24	2.26	2.21	.040	.005	.007	.003	.92	.89	.89	.91	545	561	537	.000	.000	.000	.20	.18	.22
b. SFotherwork	528	1.87	1.77	1.75	1.76	.041	.005	.007	.003	.95	.91	.91	.91	38,089	18,336	91,954	.010	.004	.004	.11	.13	.13
c. SFdiscuss	522	2.06	1.99	2.00	1.98	.039	.005	.007	.003	.90	.88	.89	.89	38,001	18,291	91,712	.073	.100	.030	.08	.07	.10
d. SFperform	526	2.20	2.11	2.10	2.11	.039	.004	.007	.003	.88	.87	.87	.88	539	555	91,574	.026	.009	.019	.10	.12	.10
4 a. memorize	528	2.98	2.98	2.96	2.91	.034	.004	.006	.003	.79	.80	.81	.82	37,971	18,306	534	.866	.507	.030	.01	.03	.09
b. HOapply	530	2.98	2.97	2.97	2.93	.033	.004	.006	.003	.75	.80	.80	.80	546	565	536	.870	.765	.153	.01	.01	.06
c. HOanalyze	523	2.90	2.95	2.94	2.93	.034	.004	.006	.003	.78	.82	.82	.82	37,612	18,129	90,775	.192	.306	.449	-.06	-.05	-.03
d. HOevaluate	527	2.92	2.87	2.85	2.89	.032	.004	.006	.003	.74	.83	.83	.82	545	566	534	.145	.066	.432	.06	.07	.03
e. HOform	523	2.89	2.84	2.84	2.87	.035	.004	.006	.003	.79	.84	.84	.83	539	558	529	.151	.108	.460	.06	.07	.03
5 a. ETgoals	527	3.12	3.08	3.08	3.08	.032	.004	.006	.003	.73	.76	.76	.78	37,667	18,199	90,862	.216	.224	.254	.05	.05	.05
b. ETorganize	525	3.07	3.04	3.03	3.03	.033	.004	.006	.003	.75	.78	.78	.80	37,591	18,151	90,655	.381	.290	.248	.04	.05	.05
c. ETexample	525	3.04	3.04	3.05	3.04	.034	.004	.006	.003	.78	.81	.81	.82	37,505	18,109	531	.943	.739	.940	.00	-.01	.00
d. ETdraftfb	523	2.79	2.76	2.79	2.83	.039	.005	.007	.003	.90	.91	.91	.92	37,488	18,111	90,423	.557	.872	.330	.03	-.01	-.04
e. ETfeedback	525	2.75	2.69	2.71	2.75	.039	.005	.007	.003	.89	.90	.90	.91	37,380	18,054	90,153	.113	.255	.945	.07	.05	.00

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Detailed Statistics^g Illinois State University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:						
	ISU	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016				
6 a. QRconclude	525	2.64	2.61	2.61	2.58	.037	.005	.007	.003	.84	.89	.89	.90	541	560	531	.450	.358	.095	.03	.04	.07				
b. QRproblem	522	2.43	2.32	2.31	2.30	.038	.005	.007	.003	.88	.93	.92	.92	37,518	18,135	90,310	.007	.003	.001	.12	.13	.14				
c. QRevaluate	525	2.34	2.33	2.32	2.29	.038	.005	.007	.003	.87	.90	.89	.89	37,448	18,111	90,187	.807	.703	.188	.01	.02	.06				
7 a. wrshortnum	471	5.34	6.66	6.82	6.71	.221	.031	.046	.020	4.79	5.63	5.79	5.69	489	511	478	.000	.000	.000	-.24	-.26	-.24				
b. wrmednum	466	1.75	2.11	2.24	2.23	.115	.016	.025	.011	2.49	3.00	3.12	3.16	484	509	473	.002	.000	.000	-.12	-.16	-.15				
c. wrlongnum	460	.50	.80	.89	.86	.066	.014	.022	.010	1.41	2.55	2.74	2.70	503	568	479	.000	.000	.000	-.12	-.15	-.13				
— wrpages	451	35.83	47.21	49.93	49.10	1.806	.339	.520	.231	38.36	60.68	64.31	64.34	482	528	465	.000	.000	.000	-.19	-.22	-.21				
8 a. DDrace	481	3.15	3.08	3.01	3.03	.037	.005	.007	.003	.82	.89	.91	.92	496	16,762	487	.089	.001	.003	.07	.15	.12				
b. DDeconomic	478	3.11	3.07	3.01	3.02	.038	.005	.007	.003	.82	.87	.88	.89	34,508	16,718	82,247	.419	.016	.026	.04	.11	.10				
c. DDreligion	480	3.06	3.03	2.98	2.95	.039	.005	.007	.003	.86	.91	.92	.95	34,492	16,688	485	.422	.067	.004	.04	.08	.12				
d. DDpolitical	476	3.04	3.02	2.96	2.96	.039	.005	.007	.003	.86	.91	.92	.93	490	507	481	.591	.040	.033	.02	.09	.09				
9 a. LSreading	477	3.15	3.07	3.05	3.06	.034	.004	.006	.003	.74	.77	.78	.77	34,319	16,584	81,684	.016	.004	.009	.11	.14	.12				
b. LSnotes	477	3.03	2.89	2.91	2.91	.040	.005	.007	.003	.86	.89	.89	.89	491	16,550	81,531	.001	.006	.003	.16	.13	.14				
c. LSsummary	475	2.91	2.81	2.81	2.81	.039	.005	.007	.003	.86	.89	.88	.89	488	504	480	.009	.016	.016	.12	.11	.11				
10. challenge	478	5.44	5.49	5.50	5.51	.052	.006	.009	.004	1.13	1.13	1.12	1.18	34,208	16,563	81,395	.344	.242	.184	-.04	-.05	-.06				
11 a. intern ^l	474	.049	.084	.083	.085	.0100	.0015	.0022	.0010	--	--	--	--	--	--	--	.007	.009	.006	-.14	-.14	-.14				
b. leader ^l	475	.108	.126	.116	.114	.0143	.0018	.0025	.0011	--	--	--	--	--	--	--	.254	.619	.715	-.05	-.02	-.02				
c. learncom ^l	473	.078	.188	.178	.146	.0123	.0021	.0030	.0012	--	--	--	--	--	--	--	.000	.000	.000	-.33	-.31	-.22				
d. abroad ^l	474	.032	.038	.035	.033	.0081	.0011	.0015	.0006	--	--	--	--	--	--	--	.486	.758	.969	-.03	-.01	.00				
e. research ^l	472	.042	.059	.060	.052	.0093	.0013	.0019	.0008	--	--	--	--	--	--	--	.128	.113	.335	-.08	-.08	-.05				
f. capstone ^l	471	.019	.028	.027	.024	.0063	.0009	.0013	.0005	--	--	--	--	--	--	--	.251	.259	.461	-.06	-.06	-.04				
12. servcourse	465	1.54	1.59	1.57	1.64	.031	.004	.005	.002	.67	.66	.65	.69	33,675	16,263	80,337	.077	.317	.001	-.08	-.05	-.15				
13 a. QIstudent	471	5.48	5.49	5.43	5.47	.060	.007	.011	.005	1.29	1.34	1.35	1.38	33,806	16,393	476	.835	.515	.940	-.01	.03	.00				
b. QIadvisor	466	5.75	5.20	5.14	5.21	.065	.009	.013	.006	1.41	1.64	1.68	1.66	483	505	473	.000	.000	.000	.34	.37	.32				
c. QIfaculty	469	5.34	5.22	5.21	5.30	.059	.008	.011	.005	1.27	1.39	1.41	1.44	33,493	503	475	.065	.033	.478	.09	.09	.03				
d. QIstaff	450	5.15	5.01	4.93	5.03	.073	.009	.014	.006	1.54	1.60	1.65	1.66	31,485	14,677	72,045	.067	.005	.133	.09	.13	.07				
e. QIadmin	429	5.03	4.84	4.81	4.96	.075	.009	.014	.006	1.55	1.65	1.68	1.68	442	458	434	.010	.003	.355	.12	.13	.04				
14 a. empstudy	458	3.19	3.17	3.18	3.16	.035	.004	.006	.003	.74	.74	.74	.75	32,035	15,486	76,094	.527	.766	.357	.03	.01	.04				
b. SEacademic	454	3.14	3.10	3.07	3.07	.037	.005	.007	.003	.79	.81	.82	.83	31,800	15,360	75,401	.269	.066	.096	.05	.09	.08				

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

First-Year Students

Variable Name	N	Mean			Standard error ^h			Standard deviation ⁱ			Degrees of freedom ^j			Significance ^k			Effect size ^e					
	ISU	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016
c. SElearnsup	453	3.18	3.13	3.09	3.12	.041	.005	.007	.003	.87	.86	.89	.88	31,736	15,352	75,318	.200	.025	.127	.06	.11	.07

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	ISU	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016	Carnegie Group	Great Lakes Public	NSSE 2016
d. SEdiverse	453	2.77	2.77	2.73	2.76	.043	.005	.008	.004	.91	.95	.97	.97	31,771	483	458	.911	.425	.773	-.01	.04	.01
e. SEsocial	451	3.08	3.05	2.99	2.98	.037	.005	.007	.003	.79	.85	.87	.89	31,727	485	457	.498	.020	.008	.03	.10	.11
f. SEwellness	450	3.18	3.03	2.95	2.94	.036	.005	.007	.003	.77	.87	.89	.91	31,681	15,292	456	.000	.000	.000	.18	.26	.27
g. SENonacad	451	2.59	2.40	2.37	2.37	.045	.005	.008	.004	.96	.97	.98	.98	31,625	15,273	75,006	.000	.000	.000	.19	.22	.23
h. SEactivities	452	2.98	2.97	2.86	2.85	.040	.005	.007	.003	.85	.87	.90	.94	31,588	483	457	.797	.004	.002	.01	.13	.13
i. SEevents	451	2.57	2.62	2.55	2.56	.044	.005	.008	.004	.94	.93	.94	.96	31,514	15,204	74,673	.328	.549	.792	-.05	.03	.01
15 a. tmprephrs	453	14.50	14.70	14.62	14.44	.364	.046	.069	.030	7.74	8.18	8.36	8.30	467	485	459	.585	.757	.871	-.02	-.01	.01
b. tmcocurrhrs	451	6.38	5.94	5.32	5.63	.319	.038	.054	.026	6.78	6.64	6.60	6.95	31,477	15,205	74,556	.167	.001	.023	.07	.16	.11
c. tmworkonhrs	453	2.30	2.41	2.41	2.40	.274	.032	.046	.021	5.82	5.60	5.64	5.62	31,562	15,251	74,654	.667	.677	.690	-.02	-.02	-.02
d. tmworkoffhrs	452	2.50	3.54	5.39	5.83	.303	.044	.078	.037	6.43	7.68	9.43	10.14	470	512	465	.001	.000	.000	-.14	-.31	-.33
— tmworkhrs	451	4.81	5.88	7.73	8.16	.471	.056	.090	.042	9.99	9.92	10.89	11.48	463	484	457	.024	.000	.000	-.11	-.27	-.29
e. tmservehrs	445	2.83	2.45	2.37	2.61	.235	.025	.036	.017	4.96	4.42	4.38	4.74	31,314	15,103	74,229	.069	.030	.323	.09	.10	.05
f. tmrelaxhrs	449	13.45	12.83	12.54	12.08	.387	.047	.069	.031	8.20	8.33	8.39	8.47	31,415	15,161	74,504	.118	.024	.001	.07	.11	.16
g. tmcarehrs	445	1.44	1.72	2.29	3.08	.218	.030	.051	.028	4.59	5.23	6.15	7.58	31,396	494	459	.266	.000	.000	-.05	-.14	-.22
h. tmcommutehrs	450	3.82	3.59	4.07	3.81	.270	.030	.044	.021	5.73	5.30	5.38	5.81	31,504	15,217	74,576	.357	.343	.955	.04	-.05	.00
16. reading	450	2.62	2.66	2.62	2.77	.049	.006	.009	.004	1.03	1.09	1.09	1.10	463	480	455	.421	.985	.002	-.04	.00	-.14
— tmreadinghrs	450	6.17	6.39	6.22	6.71	.254	.032	.046	.022	5.38	5.57	5.56	5.87	31,226	15,082	455	.397	.843	.034	-.04	-.01	-.09
17 a. pgwrite	451	2.77	2.74	2.74	2.82	.041	.005	.007	.003	.87	.90	.90	.88	31,465	15,154	74,359	.459	.525	.207	.04	.03	-.06
b. pgspeak	450	2.95	2.60	2.61	2.67	.037	.005	.008	.003	.78	.93	.93	.93	467	489	456	.000	.000	.000	.38	.37	.30
c. pgthink	443	3.08	3.04	3.04	3.08	.037	.005	.007	.003	.78	.82	.82	.81	31,359	15,101	74,179	.256	.205	.842	.05	.06	.01
d. pganalyze	450	2.72	2.63	2.65	2.63	.042	.005	.008	.004	.89	.95	.95	.95	464	481	455	.047	.110	.033	.09	.07	.09
e. pgwork	448	2.67	2.60	2.62	2.61	.044	.005	.008	.004	.93	.96	.96	.97	31,337	15,098	74,118	.180	.339	.215	.06	.05	.06
f. pgothers	446	2.87	2.80	2.82	2.83	.039	.005	.007	.003	.83	.88	.88	.89	459	475	451	.115	.241	.354	.07	.05	.04
g. pgvalues	443	2.71	2.65	2.60	2.70	.040	.005	.008	.004	.84	.96	.96	.96	459	479	449	.104	.007	.742	.07	.11	.01
h. pgdiverse	448	2.74	2.74	2.71	2.76	.041	.005	.008	.004	.87	.94	.95	.95	462	480	453	.890	.391	.598	.01	.04	-.02
i. pgprobsolve	448	2.63	2.62	2.60	2.62	.042	.005	.008	.003	.90	.93	.93	.94	31,300	15,080	74,003	.883	.595	.963	.01	.03	.00
j. pgcitizen	443	2.74	2.60	2.56	2.63	.043	.005	.008	.004	.91	.95	.95	.95	456	472	448	.002	.000	.012	.15	.19	.12
18. evalexp	443	3.26	3.21	3.17	3.21	.031	.004	.006	.003	.66	.71	.72	.73	31,466	15,199	448	.209	.010	.138	.06	.12	.06
19. sameinst	448	3.27	3.26	3.22	3.22	.034	.004	.007	.003	.73	.78	.79	.81	462	15,226	454	.912	.232	.202	.00	.06	.05

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

First-Year Students

Variable Name	N		Mean			Standard error ^h			Standard deviation ⁱ			Degrees of freedom ^j			Significance ^k			Effect size ^e		
	ISU	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	ISU	Carnegie Group	Great Lakes Public	NSSE 2016	Comparisons with:	Comparisons with:	Comparisons with:	Comparisons with:	Comparisons with:	Comparisons with:	

IPEDS: 145813

Endnotes

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