



NSSE 2016 - Senior Students Frequencies and Statistical Comparisons

Illinois State University


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 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.

1. **Class level:** As reported by your institution.
 2. **Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
 3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument.
 4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.
- Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.indiana.edu/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.



NSSE 2016 Frequencies and Statistical Comparisons

NSSEville State University

				Frequency Distributions ^a				Statistical Comparisons ^b													
				Seniors ← 1				Your seniors compared with													
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	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	3	0	244	2	54	2	6,952	3	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	61	2	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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	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	10	2	1,507	3	702	3	3,502	3	3.2	3.0 ***	.18	3.1 ***	.16	3.1	.08	
		2	Sometimes	123	20	15,352	28	7,314	27	36,714	24								
		3	Often	206	34	18,296	32	9,016	32	49,717	31								
		4	Very often	264	44	21,684	37	11,314	39	69,937	42								
		Total		603	100	56,839	100	28,346	100	159,870	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	104	17	13,436	24	6,588	25	32,049	21	2.5	2.3 ***	.17	2.3 ***	.16	2.4	.04	
		2	Sometimes	210	36	20,328	36	10,092	36	55,177	34								
		3	Often	172	29	13,614	24	6,605	23	40,546	26								
		4	Very often	105	18	8,982	16	4,848	16	30,705	19								
		Total		591	100	56,360	100	28,133	100	158,477	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	40	7	4,083	8	2,098	8	9,557	6	2.9	2.9	.05	2.9	.06	3.0	-.08	
		2	Often	81	14	9,215	17	4,484	16	21,323	14								
		3	Sometimes	338	58	30,711	55	15,207	54	85,313	54								
		4	Never	127	22	12,083	21	6,202	21	41,630	26								
		Total		586	100	56,092	100	27,991	100	157,823	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	246	42	23,768	43	12,476	45	66,761	44	1.9	1.8	.05	1.8 *	.08	1.8	.06	
		2	Sometimes	223	37	21,214	38	10,236	37	57,668	36								
		3	Often	60	10	6,697	12	3,151	11	19,946	12								
		4	Very often	57	10	4,147	7	1,989	7	12,938	8								
		Total		586	100	55,826	100	27,852	100	157,313	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	38	7	6,879	13	3,250	12	21,972	15	2.7	2.5 ***	.25	2.5 ***	.27	2.4 ***	.31	
		2	Sometimes	211	37	23,388	42	12,297	44	66,769	43								
		3	Often	221	37	16,654	29	8,085	29	44,875	28								
		4	Very often	118	20	8,778	15	4,162	15	23,461	15								
		Total		588	100	55,699	100	27,794	100	157,077	100								
f. Explained course material to one or more students	CLexplain	1	Never	11	2	2,897	5	1,124	4	9,813	7	3.0	2.8 ***	.25	2.8 ***	.25	2.7 ***	.30	
		2	Sometimes	144	25	18,600	34	9,632	35	54,590	35								
		3	Often	270	45	21,619	39	10,845	39	58,243	37								
		4	Very often	161	28	12,395	22	6,086	22	34,006	21								
		Total		586	100	55,511	100	27,687	100	156,652	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	62	11	9,426	17	4,814	18	29,016	19	2.8	2.5 ***	.27	2.5 ***	.31	2.5 ***	.31
		2	Sometimes	167	29	18,929	35	9,956	36	52,922	34							
		3	Often	194	32	15,637	28	7,505	27	43,208	27							
		4	Very often	163	28	11,409	20	5,359	19	31,210	19							
		Total		586	100	55,401	100	27,634	100	156,356	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	17	3	3,390	6	1,423	5	11,756	8	3.1	2.9 ***	.26	2.9 ***	.25	2.8 ***	.32
		2	Sometimes	122	22	15,331	28	7,820	29	44,763	29							
		3	Often	205	35	19,579	35	9,802	35	54,708	35							
		4	Very often	239	40	16,970	30	8,504	30	44,795	28							
		Total		583	100	55,270	100	27,549	100	156,022	100							
i. Given a course presentation	present	1	Never	34	6	6,139	11	2,851	11	18,110	13	2.9	2.7 ***	.28	2.7 ***	.28	2.7 ***	.28
		2	Sometimes	154	27	17,862	33	8,963	34	47,729	31							
		3	Often	200	34	17,610	32	8,873	32	50,205	31							
		4	Very often	191	33	13,376	23	6,698	23	39,868	24							
		Total		579	100	54,987	100	27,385	100	155,912	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	8	1	1,518	3	747	3	4,961	4	3.2	3.0 ***	.26	3.0 ***	.26	3.0 ***	.29
		2	Sometimes	97	18	13,636	26	6,811	26	40,311	27							
		3	Often	232	40	21,826	40	10,924	41	61,424	40							
		4	Very often	233	41	16,911	31	8,387	30	46,387	30							
		Total		570	100	53,891	100	26,869	100	153,083	100							
b. Connected your learning to societal problems or issues	RSocietal	1	Never	24	4	3,391	7	1,854	8	8,832	7	3.0	2.8 ***	.25	2.8 ***	.27	2.8 ***	.20
		2	Sometimes	136	25	16,941	33	8,483	33	45,037	30							
		3	Often	208	36	19,232	35	9,484	35	56,342	36							
		4	Very often	198	35	13,944	25	6,813	25	41,988	27							
		Total		566	100	53,508	100	26,634	100	152,199	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	45	9	6,601	14	3,416	14	16,016	12	2.8	2.6 ***	.23	2.6 ***	.23	2.6 ***	.16
		2	Sometimes	167	30	19,150	36	9,330	36	51,350	34							
		3	Often	196	35	16,078	29	8,023	30	48,467	31							
		4	Very often	153	27	11,572	21	5,825	21	35,974	23							
		Total		561	100	53,401	100	26,594	100	151,807	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	21	4	2,703	5	1,407	6	6,581	3.0	2.8 ***	.17	2.8 ***	.16	2.9 **	.11	
		2	Sometimes	148	27	16,422	31	8,113	31	43,799								29
		3	Often	232	40	21,734	41	10,709	40	63,355								42
		4	Very often	165	29	12,319	23	6,260	23	37,695								25
		Total		566	100	53,178	100	26,489	100	151,430								100
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	15	3	1,880	4	972	4	4,548	3.1	2.9 ***	.19	2.9 ***	.19	3.0 ***	.14	
		2	Sometimes	124	22	14,597	28	7,170	28	38,291								26
		3	Often	227	40	21,914	41	10,870	41	64,492								42
		4	Very often	201	35	14,608	27	7,394	27	43,518								28
		Total		567	100	52,999	100	26,406	100	150,849								100
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	9	2	1,252	3	680	3	3,150	3.1	2.9 ***	.21	2.9 ***	.22	2.9 ***	.17	
		2	Sometimes	126	23	15,218	29	7,667	30	40,710								28
		3	Often	234	41	22,389	42	11,041	42	64,408								42
		4	Very often	196	34	14,012	26	6,950	26	42,143								27
		Total		565	100	52,871	100	26,338	100	150,411								100
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	5	1	581	1	301	1	1,468	3.3	3.2 ***	.20	3.2 ***	.20	3.2 ***	.18	
		2	Sometimes	59	11	8,692	17	4,324	17	23,194								16
		3	Often	234	42	22,745	43	11,291	43	65,396								44
		4	Very often	265	47	20,631	38	10,300	39	59,794								39
		Total		563	100	52,649	100	26,216	100	149,852								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	47	9	9,318	19	4,704	19	26,393	2.8	2.4 ***	.40	2.4 ***	.43	2.4 ***	.39	
		2	Sometimes	196	35	20,988	41	10,720	41	58,096								39
		3	Often	155	27	13,088	24	6,408	24	37,714								24
		4	Very often	167	29	9,264	17	4,387	16	27,584								17
		Total		565	100	52,658	100	26,219	100	149,787								100
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	168	30	22,182	43	11,604	45	63,283	2.3	2.0 ***	.35	1.9 ***	.39	1.9 ***	.37	
		2	Sometimes	163	29	15,556	29	7,596	29	43,887								29
		3	Often	122	21	8,554	16	3,979	15	24,303								15
		4	Very often	109	20	6,200	11	2,940	11	17,879								11
		Total		562	100	52,492	100	26,119	100	149,352								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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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	74	13	13,542	26	6,881	27	39,651	28	2.6	2.2 ***	.42	2.1 ***	.45	2.2 ***	.43	
		2	Sometimes	213	38	21,759	42	10,926	42	58,714	39								
		3	Often	160	28	11,057	21	5,381	20	32,361	21								
		4	Very often	115	21	6,051	11	2,921	11	18,442	12								
		Total		562	100	52,409	100	26,109	100	149,168	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	69	13	12,505	25	6,537	26	33,818	24	2.6	2.2 ***	.44	2.1 ***	.48	2.2 ***	.40	
		2	Sometimes	216	38	23,336	45	11,517	44	64,932	44								
		3	Often	169	30	10,846	20	5,266	20	32,713	21								
		4	Very often	106	19	5,622	10	2,724	10	17,431	11								
		Total		560	100	52,309	100	26,044	100	148,894	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	41	7	4,120	8	2,085	8	13,969	9	2.8	2.8	-.01	2.8	.00	2.7	.05	
		2	Some	174	31	15,624	30	7,967	31	46,921	31								
		3	Quite a bit	231	41	20,239	39	9,907	38	56,361	38								
		4	Very much	117	21	12,491	23	6,204	23	32,073	22								
		Total		563	100	52,474	100	26,163	100	149,324	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	5	1	1,470	3	793	3	3,899	3	3.2	3.1 ***	.18	3.1 ***	.19	3.1 ***	.17	
		2	Some	83	15	9,759	19	4,826	19	27,192	19								
		3	Quite a bit	240	42	22,751	43	11,230	43	64,973	44								
		4	Very much	235	42	18,300	35	9,211	35	52,755	35								
		Total		563	100	52,280	100	26,060	100	148,819	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	10	2	1,979	4	1,044	4	5,024	4	3.2	3.0 ***	.15	3.0 ***	.16	3.1 **	.11	
		2	Some	99	18	11,206	22	5,533	22	29,954	20								
		3	Quite a bit	233	41	21,453	41	10,586	41	61,460	41								
		4	Very much	217	39	17,418	33	8,801	33	51,845	35								
		Total		559	100	52,056	100	25,964	100	148,283	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	22	4	3,249	7	1,680	7	7,378	6	3.0	2.9 ***	.20	2.9 ***	.21	2.9 **	.11	
		2	Some	125	23	13,458	26	6,535	26	34,427	24								
		3	Quite a bit	209	37	20,968	40	10,634	41	61,417	41								
		4	Very much	201	36	14,360	27	7,093	26	44,991	30								
		Total		557	100	52,035	100	25,942	100	148,213	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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	
				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	13	2	2,715	6	1,360	6	6,175	5	3.0	2.9 ***	.17	2.9 ***	.17	3.0 *	.10	
		2	Some	125	23	13,235	26	6,481	26	34,691	24								
		3	Quite a bit	237	42	21,464	41	10,779	41	62,706	42								
		4	Very much	183	33	14,544	27	7,279	27	44,330	29								
		Total		558	100	51,958	100	25,899	100	147,902	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	1,067	2	636	3	3,133	2	3.2	3.1 **	.14	3.1 ***	.16	3.2 *	.11	
		2	Some	79	14	8,905	17	4,644	18	24,590	17								
		3	Quite a bit	240	43	23,489	45	11,548	45	64,857	43								
		4	Very much	238	42	18,801	36	9,253	35	56,066	38								
		Total		564	100	52,262	100	26,081	100	148,646	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	2	1,397	3	802	3	4,398	3	3.2	3.1 **	.12	3.1 **	.13	3.1 *	.09	
		2	Some	98	17	9,613	19	4,888	19	25,967	18								
		3	Quite a bit	237	42	23,977	46	11,849	46	65,889	44								
		4	Very much	217	39	17,164	33	8,498	32	52,091	35								
		Total		562	100	52,151	100	26,037	100	148,345	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	9	2	1,614	3	819	3	5,082	4	3.2	3.1 ***	.15	3.1 ***	.15	3.1 ***	.15	
		2	Some	96	17	9,542	18	4,728	18	26,620	18								
		3	Quite a bit	208	37	21,869	42	10,892	42	59,932	40								
		4	Very much	251	44	19,022	36	9,523	36	56,505	38								
		Total		564	100	52,047	100	25,962	100	148,139	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	39	7	5,864	12	3,063	13	14,925	11	3.0	2.7 ***	.29	2.7 ***	.31	2.8 ***	.21	
		2	Some	122	22	15,638	31	7,697	30	40,811	28								
		3	Quite a bit	209	36	17,472	33	8,603	33	50,135	33								
		4	Very much	193	34	13,063	24	6,594	24	42,183	28								
		Total		563	100	52,037	100	25,957	100	148,054	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	28	5	3,864	8	1,998	8	10,213	7	3.1	2.8 ***	.30	2.8 ***	.31	2.9 ***	.23	
		2	Some	117	21	14,956	29	7,462	30	39,042	27								
		3	Quite a bit	211	38	20,283	39	9,979	39	57,256	38								
		4	Very much	206	37	12,757	24	6,432	24	41,105	27								
		Total		562	100	51,860	100	25,871	100	147,616	100								

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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
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	48	8	6,132	11	3,210	12	17,432	11	2.8	2.7 *	.10	2.7 **	.11	2.7 **	.12	△
		2	Sometimes	178	31	17,229	32	8,655	33	49,495	33								
		3	Often	213	38	17,508	34	8,584	34	50,751	35								
		4	Very often	124	23	11,303	22	5,575	22	30,642	21								
		Total		563	100	52,172	100	26,024	100	148,320	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	89	15	9,662	18	5,031	19	26,931	18	2.5	2.4 *	.10	2.4 **	.13	2.4 **	.11	△
		2	Sometimes	187	33	19,239	37	9,680	37	55,283	37								
		3	Often	194	34	14,437	28	7,025	27	41,752	28								
		4	Very often	92	18	8,750	17	4,248	17	24,144	17								
		Total		562	100	52,088	100	25,984	100	148,110	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	81	14	8,362	16	4,490	17	24,880	17	2.6	2.5 *	.11	2.4 **	.14	2.4 ***	.15	△
		2	Sometimes	196	34	19,871	38	10,024	38	57,308	39								
		3	Often	184	33	15,478	30	7,488	29	43,699	30								
		4	Very often	100	19	8,286	16	3,933	16	22,047	15								
		Total		561	100	51,997	100	25,935	100	147,934	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	19	4	2,580	6	1,422	6	7,001	6	8.4	7.4 **	.15	7.5 **	.14	7.7 *	.10	△
		1.5	1-2	83	16	9,137	19	4,521	19	23,846	18								
		4	3-5	147	29	13,709	29	6,752	29	38,037	28								
		8	6-10	110	21	10,734	22	5,254	22	30,534	22								
		13	11-15	62	12	5,209	11	2,541	10	15,186	11								
		18	16-20	37	7	2,779	6	1,372	6	8,613	6								
		23	More than 20	56	10	3,975	8	1,980	8	13,269	9								
Total		514	100	48,123	100	23,842	100	136,486	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	87	17	10,558	23	5,207	23	27,916	22	3.9	3.2 ***	.17	3.3 ***	.16	3.6	.07	△
		1.5	1-2	182	35	17,183	36	8,570	36	45,944	34								
		4	3-5	149	29	12,112	25	5,870	24	35,076	25								
		8	6-10	53	10	5,111	10	2,565	11	16,461	12								
		13	11-15	23	5	1,564	3	782	3	5,390	4								
18	16-20	14	3	597	1	309	1	2,143	2										

*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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				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	8	2	474	1	246	1	2,064	2						
			Total	516	100	47,599	100	23,549	100	134,994	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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
c. 11 pages or more	wrlongnum <i>(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	176	35	21,419	46	10,439	46	58,580	45	2.2	1.8 **	.14	1.8 **	.12	2.0	.08
		1.5	1-2	216	42	17,304	36	8,620	36	49,126	36							
		4	3-5	72	14	5,094	11	2,563	11	15,490	11							
		8	6-10	31	6	1,699	4	849	4	5,251	4							
		13	11-15	10	2	730	2	344	2	2,388	2							
		18	16-20	2	0	286	1	159	1	1,106	1							
		23	More than 20	5	1	411	1	228	1	1,489	1							
Total				512	100	46,943	100	23,202	100	133,430	100							
Estimated number of assigned pages of student writing.	wrpages <i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>			89.2		72.9 ***	.20	73.7 ***	.19	79.2 *	.11							

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	26	5	2,279	5	1,232	5	7,019	5	3.0	3.1 *	-.10	3.1	-.07	3.1 *	-.10
		2	Sometimes	141	26	11,871	24	6,073	25	33,406	23							
		3	Often	171	33	14,703	30	7,142	30	41,022	29							
		4	Very often	188	36	20,232	41	9,946	40	57,724	42							
		Total				526	100	49,085	100	24,393	100							
b. People from an economic background other than your own	DDeconomic	1	Never	18	4	1,914	4	991	4	5,846	5	3.1	3.1	.01	3.1	.04	3.1	.02
		2	Sometimes	109	20	11,008	22	5,643	23	31,473	23							
		3	Often	202	38	17,094	35	8,383	35	47,635	34							
		4	Very often	194	37	18,957	39	9,309	38	53,828	39							
		Total				523	100	48,973	100	24,326	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	33	6	2,647	6	1,359	6	9,038	6	3.0	3.0	-.04	3.0	-.05	3.0	-.01
		2	Sometimes	129	25	12,406	25	5,897	24	36,832	26							
		3	Often	170	33	15,244	31	7,705	32	41,887	30							
		4	Very often	189	36	18,626	38	9,347	38	50,892	38							
		Total				521	100	48,923	100	24,308	100							
d. People with political views other than your own	DDpolitical	1	Never	21	4	2,466	5	1,325	5	7,657	6	3.1	3.0	.03	3.0	.05	3.0	.06
		2	Sometimes	121	23	11,804	24	5,918	24	35,207	25							
		3	Often	184	35	16,146	33	8,060	33	44,700	32							

*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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				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 often	195	37	18,338	38	8,899	37	50,678	37						
			Total	521	100	48,754	100	24,202	100	138,242	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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	9	2	1,194	3	648	3	2,834	2	3.2	3.1	.08	3.1	.08	3.2	.03	
		2	Sometimes	82	16	8,797	19	4,406	19	23,334	17								
		3	Often	223	42	19,841	41	9,558	40	56,110	41								
		4	Very often	209	40	19,006	38	9,652	38	56,043	40								
		Total		523	100	48,838	100	24,264	100	138,321	100								
b. Reviewed your notes after class	LSnotes	1	Never	36	7	3,892	8	1,867	8	9,971	7	2.9	2.8 **	.13	2.8 **	.11	2.9	.05	
		2	Sometimes	144	27	15,620	32	7,500	32	41,025	30								
		3	Often	169	33	15,121	31	7,478	31	43,964	32								
		4	Very often	172	33	14,060	28	7,366	29	42,991	31								
		Total		521	100	48,693	100	24,211	100	137,951	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	33	7	3,654	8	1,810	8	9,164	7	2.9	2.8 **	.14	2.8 ***	.15	2.9	.07	
		2	Sometimes	119	23	14,551	30	7,050	30	38,756	28								
		3	Often	207	40	16,841	35	8,447	35	48,713	36								
		4	Very often	157	30	13,257	27	6,709	27	40,436	29								
		Total		516	100	48,303	100	24,016	100	137,069	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	1	0	338	1	186	1	883	1	5.7	5.5 ***	.17	5.5 ***	.20	5.7	.07	
		2		4	1	618	1	395	2	1,610	1								
		3		8	2	1,573	3	829	4	3,903	3								
		4		26	5	4,539	10	2,350	10	11,705	9								
		5		163	32	14,825	30	7,243	31	38,768	28								
		6		183	35	14,980	31	7,353	30	40,834	29								
		7	Very much	135	26	11,773	24	5,813	23	40,080	29								
		Total		520	100	48,646	100	24,169	100	137,783	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	28	6	3,278	7	1,595	7	11,497	9	64%	54% ***	.19	54% ***	.20	50% ***	.28	
			Do not plan to do	50	10	7,570	16	4,008	17	23,626	18								
			Plan to do	102	21	11,002	23	5,516	23	30,525	23								
			Done or in progress	340	64	26,808	54	13,061	54	72,077	50								

*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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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		520	100	48,658	100	24,180	100	137,725	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Great Lakes								Your seniors 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
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	35	7	4,229	9	2,137	9	14,589	11	46%	41% *	.11	38% ***	.16	35% ***	.22
			Do not plan to do	202	39	20,719	43	11,236	47	60,516	46							
			Plan to do	43	8	3,453	7	1,675	7	10,414	8							
			Done or in progress	239	46	20,156	41	9,068	38	51,859	35							
			Total	519	100	48,557	100	24,116	100	137,378	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	42	8	5,184	11	2,480	10	17,910	13	37%	25% ***	.24	25% ***	.24	24% ***	.28
			Do not plan to do	231	45	26,680	56	13,381	57	72,127	53							
			Plan to do	52	10	3,806	8	1,831	7	12,676	10							
			Done or in progress	191	37	12,809	25	6,383	25	34,306	24							
			Total	516	100	48,479	100	24,075	100	137,019	100							
d. Participate in a study abroad program	abroad		Have not decided	44	9	4,802	10	2,521	10	15,648	12	14%	16%	-.06	14%	.00	14%	.02
			Do not plan to do	369	72	31,962	67	16,589	69	90,969	67							
			Plan to do	26	5	3,319	7	1,572	7	9,406	7							
			Done or in progress	77	14	8,329	16	3,384	14	20,989	14							
			Total	516	100	48,412	100	24,066	100	137,012	100							
e. Work with a faculty member on a research project	research		Have not decided	49	10	6,337	13	3,248	13	19,735	15	26%	26%	.01	24%	.04	24%	.06
			Do not plan to do	273	52	23,779	49	11,982	50	66,523	49							
			Plan to do	59	12	5,637	12	2,890	12	16,004	12							
			Done or in progress	137	26	12,524	26	5,862	24	34,260	24							
			Total	518	100	48,277	100	23,982	100	136,522	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	47	10	4,176	9	1,936	8	12,029	9	47%	45%	.04	46%	.02	45%	.03
			Do not plan to do	124	24	11,300	24	5,068	22	27,822	21							
			Plan to do	101	20	10,752	23	5,762	24	31,560	24							
			Done or in progress	245	47	22,162	45	11,268	46	65,438	45							
			Total	517	100	48,390	100	24,034	100	136,849	100							

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

servcourse	1	2	3	None	Some	Most	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
				125	25	19,948	43	10,116	45	49,804	39	2.0	1.7 ***	.43	1.7 ***	.43	1.8 ***	.28	
			295	56	23,798	48	11,379	46	69,670	49									
			85	16	3,959	8	2,160	8	14,503	10									

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

NSSE 2016 Frequencies and Statistical Comparisons

Illinois State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				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	12	2	655	1	364	1	2,921	2		▲		▲		▲
			Total	517	100	48,360	100	24,019	100	136,898	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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	2	0	570	1	287	1	1,500	1	5.8	5.6 ***	.17	5.6 ***	.20	5.7 ***	.13	
		2		5	1	743	2	443	2	1,908	2								
		3		14	3	1,853	4	959	4	4,999	4								
		4		40	8	4,488	9	2,235	9	12,258	9								
		5		109	21	11,437	24	5,802	24	31,549	23								
		6		164	31	14,601	30	7,389	30	39,228	28								
		7	Excellent	182	35	14,312	29	6,868	28	43,978	32								
		—	Not applicable	4	1	543	1	168	1	1,835	1								
		Total		520	100	48,547	100	24,151	100	137,255	100								
b. Academic advisors	QIadvisor	1	Poor	11	2	2,584	6	1,437	6	6,086	5	5.4	5.1 ***	.16	5.0 ***	.20	5.2	.07	
		2		28	6	2,778	6	1,471	6	6,507	5								
		3		32	6	3,954	8	2,067	9	9,478	7								
		4		60	11	6,242	13	3,113	13	15,510	12								
		5		103	19	9,026	18	4,444	19	24,262	18								
		6		121	24	9,769	20	4,935	20	28,205	20								
		7	Excellent	161	31	13,554	28	6,266	26	45,045	32								
		—	Not applicable	4	1	591	1	371	2	1,982	2								
		Total		520	100	48,498	100	24,104	100	137,075	100								
c. Faculty	QIfaculty	1	Poor	4	1	675	2	402	2	1,986	2	5.8	5.5 ***	.24	5.4 ***	.27	5.6 ***	.17	
		2		4	1	1,021	2	556	2	2,724	2								
		3		14	3	2,259	5	1,170	5	5,612	4								
		4		48	9	5,469	11	2,754	12	13,598	10								
		5		109	21	11,785	24	5,735	24	30,303	22								
		6		163	31	14,898	31	7,345	30	40,863	29								
		7	Excellent	173	34	11,808	25	5,864	24	40,348	29								
		—	Not applicable	2	0	308	1	149	1	1,126	1								
		Total		517	100	48,223	100	23,975	100	136,560	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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
d. Student services staff (career services, student activities, housing, etc.)	Q1staff	1	Poor	10	2	2,112	5	1,150	5	6,348	5	5.4	4.9 ***	.29	4.8 ***	.31	4.9 ***	.25
		2		14	3	2,274	5	1,152	5	6,062	5							
		3		28	5	3,577	7	1,669	7	9,361	7							
		4		52	10	6,697	14	3,162	13	17,078	12							
		5		111	21	9,558	20	4,393	18	25,036	18							
		6		119	23	9,063	19	4,397	18	24,409	17							
		7	Excellent	120	23	7,468	16	3,588	15	24,248	18							
		—	Not applicable	63	13	7,559	16	4,541	19	24,180	19							
	Total	517	100	48,308	100	24,052	100	136,722	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Q1admin	1	Poor	18	4	2,526	5	1,306	6	6,842	5	5.1	4.8 ***	.19	4.8 ***	.20	4.9 *	.10
		2		21	4	2,789	6	1,385	6	7,117	5							
		3		36	7	4,346	9	2,081	9	10,837	8							
		4		68	13	7,841	16	3,783	16	20,063	15							
		5		132	25	10,662	22	5,189	22	28,956	21							
		6		101	20	9,511	19	4,759	19	28,052	20							
		7	Excellent	108	21	7,845	16	3,749	15	27,834	20							
		—	Not applicable	34	7	2,924	6	1,840	8	7,308	6							
	Total	518	100	48,444	100	24,092	100	137,009	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	5	1	939	2	474	2	2,445	2	3.2	3.1	.07	3.1	.06	3.2	.02
		2	Some	79	16	8,280	18	4,037	18	21,285	17							
		3	Quite a bit	236	47	21,174	46	10,364	45	58,566	45							
		4	Very much	183	36	16,138	35	8,154	35	49,593	37							
			Total	503	100	46,531	100	23,029	100	131,889	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	13	3	2,247	5	1,155	5	6,099	5	3.2	2.9 ***	.28	2.9 ***	.31	3.0 ***	.23
		2	Some	86	18	11,278	25	5,858	26	29,643	24							
		3	Quite a bit	208	42	19,927	43	9,717	43	55,182	42							
		4	Very much	193	38	12,718	27	6,102	26	39,901	29							
	Total	500	100	46,170	100	22,832	100	130,825	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	39	8	3,882	9	2,089	9	10,443	8	3.0	2.8 **	.14	2.8 ***	.17	2.9	.08
		2	Some	111	23	11,768	26	6,034	27	31,203	25							
		3	Quite a bit	179	36	17,583	38	8,607	38	49,184	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				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	173	34	12,969	27	6,103	26	40,043	30		△		△		
			Total	502	100	46,202	100	22,833	100	130,873	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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	64	12	7,494	17	3,650	16	20,358	16	2.7	2.5 ***	.17	2.5 ***	.17	2.6 *	.11	
		2	Some	141	28	15,193	33	7,572	33	40,685	31								
		3	Quite a bit	170	34	14,016	30	6,988	31	40,439	31								
		4	Very much	126	25	9,478	21	4,638	20	29,329	22								
		Total		501	100	46,181	100	22,848	100	130,811	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	21	5	3,130	7	1,753	8	10,905	9	3.1	2.9 ***	.27	2.9 ***	.30	2.8 ***	.31	
		2	Some	73	15	11,596	25	6,160	27	32,993	26								
		3	Quite a bit	215	43	18,058	39	8,595	38	49,521	38								
		4	Very much	190	37	13,344	29	6,295	28	37,251	28								
		Total		499	100	46,128	100	22,803	100	130,670	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	17	4	4,335	10	2,545	11	15,011	12	3.2	2.8 ***	.41	2.8 ***	.47	2.7 ***	.47	
		2	Some	77	16	11,806	26	6,431	28	34,674	27								
		3	Quite a bit	181	37	17,285	37	8,140	36	46,900	36								
		4	Very much	227	44	12,623	27	5,650	25	33,804	26								
		Total		502	100	46,049	100	22,766	100	130,389	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	103	20	15,496	34	8,330	37	43,417	34	2.5	2.1 ***	.40	2.0 ***	.46	2.1 ***	.37	
		2	Some	161	32	16,405	36	7,922	35	44,589	34								
		3	Quite a bit	143	28	9,352	20	4,293	19	27,100	20								
		4	Very much	95	19	4,745	10	2,210	9	15,267	12								
		Total		502	100	45,998	100	22,755	100	130,373	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	37	8	4,890	11	2,984	13	19,442	16	2.9	2.8 ***	.15	2.7 ***	.24	2.6 ***	.27	
		2	Some	119	24	12,801	28	6,948	30	36,452	28								
		3	Quite a bit	195	39	16,635	36	7,882	35	44,561	34								
		4	Very much	149	29	11,605	25	4,904	22	29,574	22								
		Total		500	100	45,931	100	22,718	100	130,029	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	60	12	7,817	18	4,290	19	25,642	20	2.6	2.4 ***	.21	2.4 ***	.25	2.4 ***	.22	
		2	Some	170	34	17,134	38	8,572	38	45,429	35								
		3	Quite a bit	165	34	13,802	30	6,520	29	37,926	29								
		4	Very much	105	20	7,060	15	3,285	14	20,823	16								
		Total		500	100	45,813	100	22,667	100	129,820	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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
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	176	0	94	0	481	0	15.5	14.9	.07	14.9	.07	15.0	.05	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	65	13	6,234	14	3,227	14	16,851	13								
		8	6-10 hrs	100	20	10,944	24	5,423	23	29,880	23								
		13	11-15 hrs	111	22	9,435	20	4,592	20	26,482	20								
		18	16-20 hrs	89	18	7,996	17	3,893	17	23,373	18								
		23	21-25 hrs	58	11	4,779	10	2,309	10	13,949	11								
		28	26-30 hrs	35	7	2,795	6	1,368	6	8,429	6								
		33	More than 30 hrs	42	9	3,690	8	1,826	8	10,931	8								
	Total			501	100	46,049	100	22,732	100	130,376	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	134	27	17,019	38	9,858	43	54,338	44	6.6	5.1 ***	.23	4.7 ***	.28	4.8 ***	.27	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	157	31	14,118	30	6,394	28	36,483	27								
		8	6-10 hrs	91	18	6,961	15	2,949	13	17,072	13								
		13	11-15 hrs	56	11	3,702	8	1,569	7	9,378	7								
		18	16-20 hrs	36	7	2,095	4	890	4	6,107	4								
		23	21-25 hrs	14	3	965	2	469	2	3,028	2								
		28	26-30 hrs	5	1	383	1	200	1	1,350	1								
		33	More than 30 hrs	8	2	575	1	294	1	2,026	1								
	Total			501	100	45,818	100	22,623	100	129,782	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	340	68	31,675	69	16,015	70	90,032	72	4.0	4.2	-.03	4.3	-.04	3.7	.04	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	24	5	1,839	4	853	4	6,476	4								
		8	6-10 hrs	39	7	3,707	8	1,702	8	11,650	8								
		13	11-15 hrs	53	11	3,331	7	1,529	7	8,569	6								
		18	16-20 hrs	27	6	3,113	7	1,358	6	8,223	6								
		23	21-25 hrs	9	2	1,133	2	624	3	2,364	2								
		28	26-30 hrs	7	1	455	1	257	1	913	1								
		33	More than 30 hrs	1	0	651	2	313	2	1,669	1								
	Total			500	100	45,904	100	22,651	100	129,896	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				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. Working for pay off campus	tmworkoffhrs	0	0 hrs	226	45	21,801	48	9,658	45	55,836	42	9.9	10.3	-.04	11.6 ***	-.14	12.8 ***	-.22
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	6	2,392	5	1,018	4	6,492	5							
	8	6-10 hrs	36	7	3,092	7	1,409	6	8,019	6								
	13	11-15 hrs	50	10	3,268	7	1,432	6	8,318	6								
	18	16-20 hrs	57	11	4,194	9	2,145	9	11,202	9								
	23	21-25 hrs	36	8	3,027	6	1,849	8	8,678	7								
	28	26-30 hrs	31	7	2,184	5	1,358	6	6,421	5								
	33	More than 30 hrs	31	7	5,761	13	3,695	16	24,563	21								
	Total			497	100	45,719	100	22,564	100	129,529	100							
Estimated number of hours working for pay	tmworkhrs											13.8	14.4	-.05	15.8 ***	-.15	16.4 ***	-.19
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	204	42	21,759	50	11,386	52	60,169	48	3.7	3.0 **	.14	2.9 **	.16	3.3	.08
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	197	39	16,640	35	7,775	34	47,399	35							
	8	6-10 hrs	45	9	3,765	8	1,670	7	11,061	8								
	13	11-15 hrs	19	4	1,547	3	729	3	4,725	4								
	18	16-20 hrs	19	4	899	2	449	2	2,842	2								
	23	21-25 hrs	6	1	446	1	214	1	1,211	1								
	28	26-30 hrs	3	1	175	0	86	0	580	0								
	33	More than 30 hrs	4	1	339	1	179	1	1,253	1								
	Total			497	100	45,570	100	22,488	100	129,240	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	7	1	1,039	2	584	3	4,066	3	12.2	11.6	.08	11.5 *	.09	10.4 ***	.23
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	113	22	11,046	24	5,895	25	37,749	29							
	8	6-10 hrs	135	27	13,033	28	6,356	28	36,895	28								
	13	11-15 hrs	99	21	8,825	19	3,994	18	22,980	17								
	18	16-20 hrs	70	14	5,776	13	2,827	13	14,153	11								
	23	21-25 hrs	26	6	2,651	6	1,233	6	6,006	5								
	28	26-30 hrs	23	5	1,211	3	629	3	2,829	2								
	33	More than 30 hrs	22	5	2,179	5	1,063	5	5,002	4								
	Total			495	100	45,760	100	22,581	100	129,680	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				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
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	375	74	32,599	71	14,972	68	81,823	62	3.0	4.5 ***	-0.16	5.1 ***	-0.21	6.7 ***	-0.32
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	61	12	4,247	9	2,413	10	13,573	11							
	8	6-10 hrs	20	4	1,986	4	1,087	5	6,532	5								
	13	11-15 hrs	11	2	1,297	3	712	3	4,401	4								
	18	16-20 hrs	9	2	1,030	2	575	3	3,708	3								
	23	21-25 hrs	2	0	570	1	315	1	2,033	2								
	28	26-30 hrs	3	1	383	1	253	1	1,532	1								
	33	More than 30 hrs	18	4	3,563	8	2,220	9	15,884	13								
	Total			499	100	45,675	100	22,547	100	129,486	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	71	14	6,880	15	2,466	11	32,108	23	4.6	4.8	-0.04	5.2 **	-0.12	4.8	-0.04
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	312	62	26,959	58	13,263	58	64,972	50							
	8	6-10 hrs	72	15	7,721	17	4,511	20	20,092	17								
	13	11-15 hrs	29	6	2,441	5	1,297	6	6,566	6								
	18	16-20 hrs	9	2	898	2	504	2	2,696	2								
	23	21-25 hrs	1	0	396	1	223	1	1,097	1								
	28	26-30 hrs	2	0	185	0	105	0	609	1								
	33	More than 30 hrs	4	1	438	1	286	1	1,822	1								
	Total			500	100	45,918	100	22,655	100	129,962	100							
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	73	14	7,300	17	3,598	17	16,646	13	2.8	2.7	.06	2.7	.07	2.9	-0.06	
	2	Some	135	27	13,173	29	6,588	29	34,285	27								
	3	About half	145	29	11,816	25	5,835	25	36,193	28								
	4	Most	104	21	9,510	20	4,648	20	29,580	22								
	5	Almost all	41	8	4,034	8	1,946	8	13,299	10								
		Total			498	100	45,833	100	22,615	100								130,003
tmreadinghrs																		
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		
											7.2	6.8	.07	6.7	.08	7.4	-0.03	

*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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors 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		
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	1	0	164	0	88	0	462	0										
		2	More than zero, up to 5 hrs	231	46	22,683	50	11,334	51	58,588	46										
		3	More than 5, up to 10 hrs	156	32	13,060	28	6,429	28	38,322	29										
		4	More than 10, up to 15 hrs	56	11	4,601	10	2,225	10	14,528	11										
		5	More than 15, up to 20 hrs	23	5	2,585	6	1,220	5	8,467	6										
		6	More than 20, up to 25 hrs	20	4	1,789	4	852	4	6,201	5										
		7	More than 25 hrs	10	2	745	2	358	2	2,853	2										
			Total	497	100	45,627	100	22,506	100	129,421	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	23	5	2,997	7	1,610	7	7,070	6	3.0	3.0 *	.09	2.9 **	.12	3.0	.01
		2	Some	104	21	10,551	23	5,428	24	26,787	21							
		3	Quite a bit	201	40	17,278	37	8,352	37	48,712	37							
		4	Very much	171	34	15,054	32	7,253	31	47,309	36							
			Total	499	100	45,880	100	22,643	100	129,878	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	22	4	3,826	9	1,981	9	9,898	8	3.1	2.9 ***	.19	2.9 ***	.21	2.9 ***	.14
		2	Some	106	22	11,211	25	5,696	26	29,385	23							
		3	Quite a bit	188	38	16,695	36	8,094	36	47,482	36							
		4	Very much	178	36	14,006	30	6,796	30	42,712	32							
			Total	494	100	45,738	100	22,567	100	129,477	100							
c. Thinking critically and analytically	pgthink	1	Very little	11	2	1,205	3	664	3	3,050	3	3.4	3.3 **	.13	3.3 **	.15	3.3 *	.09
		2	Some	48	10	6,003	13	3,157	14	15,808	13							
		3	Quite a bit	174	35	17,096	37	8,329	37	46,704	36							
		4	Very much	264	53	21,421	47	10,405	46	63,912	48							
			Total	497	100	45,725	100	22,555	100	129,474	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	53	10	4,810	10	2,434	10	13,904	10	2.9	2.9	-.01	2.9	.00	2.8	.01
		2	Some	131	26	12,032	26	6,067	26	34,440	26							
		3	Quite a bit	163	33	14,724	33	7,177	32	41,260	32							

*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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b					
				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	Effect size ^e	Mean	Effect size ^e
		4	Very much	151	31	14,161	32	6,868	32	39,828	31						
			Total	498	100	45,727	100	22,546	100	129,432	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				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	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	10	2	4,014	9	2,078	10	10,915	9	3.2	2.9 ***	.32	2.9 ***	.32	2.9 ***	.30	
		2	Some	95	19	10,556	23	5,214	23	28,916	23								
		3	Quite a bit	157	32	15,391	33	7,384	33	43,407	33								
		4	Very much	235	47	15,801	34	7,904	34	46,335	35								
		Total		497	100	45,762	100	22,580	100	129,573	100								
f. Working effectively with others	pgothers	1	Very little	12	2	2,383	6	1,302	6	6,522	6	3.3	3.0 ***	.30	3.0 ***	.32	3.0 ***	.28	
		2	Some	69	15	9,827	22	4,927	22	26,436	21								
		3	Quite a bit	172	34	16,986	37	8,235	36	48,073	37								
		4	Very much	244	48	16,504	35	8,063	35	48,310	36								
		Total		497	100	45,700	100	22,527	100	129,341	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	39	8	5,802	14	3,165	15	13,655	12	3.0	2.7 ***	.27	2.7 ***	.31	2.8 ***	.18	
		2	Some	96	19	11,840	26	6,136	27	30,645	24								
		3	Quite a bit	175	35	14,845	32	7,007	31	42,710	32								
		4	Very much	185	37	13,239	28	6,236	27	42,453	31								
		Total		495	100	45,726	100	22,544	100	129,463	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	36	8	5,164	12	2,588	12	13,452	11	3.0	2.8 ***	.21	2.8 ***	.21	2.8 ***	.15	
		2	Some	101	21	12,926	29	6,348	28	34,212	26								
		3	Quite a bit	191	38	14,683	32	7,179	32	42,400	32								
		4	Very much	164	33	12,951	28	6,426	28	39,340	30								
		Total		492	100	45,724	100	22,541	100	129,404	100								
i. Solving complex real- world problems	pgprobsolve	1	Very little	22	4	4,419	10	2,380	11	12,061	10	3.0	2.8 ***	.21	2.8 ***	.24	2.8 ***	.20	
		2	Some	112	23	12,526	27	6,283	28	34,300	27								
		3	Quite a bit	197	40	15,961	35	7,774	34	45,334	35								
		4	Very much	160	32	12,794	28	6,100	27	37,592	29								
		Total		491	100	45,700	100	22,537	100	129,287	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	35	7	6,473	15	3,511	16	16,892	14	2.9	2.6 ***	.31	2.6 ***	.36	2.7 ***	.26	
		2	Some	121	26	13,886	30	7,076	32	37,635	29								
		3	Quite a bit	166	34	14,361	31	6,817	30	41,390	32								
		4	Very much	163	34	10,818	23	5,051	22	32,913	25								
		Total		485	100	45,538	100	22,455	100	128,830	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

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b													
				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							
18. How would you evaluate your entire educational experience at this institution?																									
	evalexp	1	Poor	10	2	981	2	609	3	2,944	3	3.5	3.3 ***	.30	3.2 ***	.37	3.3 ***	.27							
		2	Fair	22	5	5,120	12	2,890	13	13,756	11														
		3	Good	180	37	20,643	44	10,677	46	55,165	43								▲		▲		▲		
		4	Excellent	282	57	19,160	42	8,491	38	57,975	44														
		Total		494	100	45,904	100	22,667	100	129,840	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	1,870	4	1,092	5	5,879	5	3.4	3.2 ***	.24	3.2 ***	.30	3.2 ***	.25							
		2	Probably no	39	8	5,566	12	2,969	13	15,898	12														
		3	Probably yes	158	32	17,453	38	9,169	40	48,784	38								▲		▲		▲		
		4	Definitely yes	288	57	21,066	46	9,459	42	59,418	45														
		Total		495	100	45,955	100	22,689	100	129,979	100														

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

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

Seniors

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	604	3.20	3.04	3.06	3.13	.033	.003	.005	.002	.82	.87	.87	.86	63,580	31,005	151,113	.000	.000	.055	.18	.16	.08
b. drafts	592	2.48	2.31	2.31	2.44	.040	.004	.006	.003	.98	1.01	1.02	1.02	63,000	30,759	596	.000	.000	.341	.17	.16	.04
c. unpreparedr	587	2.94	2.90	2.89	3.00	.033	.003	.005	.002	.79	.82	.83	.81	598	611	148,911	.202	.146	.058	.05	.06	-.08
d. attendart	587	1.88	1.83	1.80	1.83	.040	.004	.005	.002	.96	.90	.89	.91	62,350	30,411	148,289	.212	.045	.154	.05	.08	.06
e. CLaskhelp	589	2.70	2.47	2.46	2.42	.035	.004	.005	.002	.86	.90	.89	.91	600	30,344	593	.000	.000	.000	.25	.27	.31
f. CLexplain	587	2.99	2.78	2.78	2.73	.032	.003	.005	.002	.77	.85	.83	.87	599	613	592	.000	.000	.000	.25	.25	.30
g. CLstudy	587	2.77	2.51	2.47	2.46	.040	.004	.006	.003	.98	1.00	.99	1.01	598	30,148	591	.000	.000	.000	.27	.31	.31
h. CLproject	583	3.13	2.90	2.91	2.83	.035	.004	.005	.002	.85	.91	.89	.93	61,653	30,027	588	.000	.000	.000	.26	.25	.32
i. present	580	2.95	2.67	2.68	2.67	.038	.004	.006	.003	.92	.96	.95	.98	591	603	584	.000	.000	.000	.28	.28	.28
2 a. RIntegrate	570	3.20	2.99	2.99	2.96	.032	.003	.005	.002	.77	.83	.82	.84	59,964	29,227	143,688	.000	.000	.000	.26	.26	.29
b. RSocietal	566	3.01	2.78	2.76	2.83	.037	.004	.005	.002	.88	.90	.91	.90	576	589	570	.000	.000	.000	.25	.27	.20
c. RIdiverse	561	2.80	2.57	2.57	2.65	.039	.004	.006	.003	.93	.96	.97	.96	571	584	564	.000	.000	.000	.23	.23	.16
d. Rlownview	566	2.95	2.81	2.81	2.86	.035	.004	.005	.002	.84	.85	.85	.84	576	589	141,935	.000	.000	.010	.17	.16	.11
e. Rlperspect	567	3.07	2.91	2.91	2.96	.035	.003	.005	.002	.82	.84	.84	.82	58,872	28,664	141,305	.000	.000	.001	.19	.19	.14
f. Rlnewview	565	3.08	2.91	2.90	2.95	.033	.003	.005	.002	.79	.81	.81	.80	58,695	28,582	140,850	.000	.000	.000	.21	.22	.17
g. Rlconnect	563	3.34	3.19	3.19	3.21	.030	.003	.005	.002	.71	.76	.76	.75	58,442	28,440	140,299	.000	.000	.000	.20	.20	.18
3 a. SFcareer	565	2.77	2.39	2.36	2.39	.041	.004	.006	.003	.97	.97	.96	.98	58,398	28,421	140,186	.000	.000	.000	.40	.43	.39
b. SFotherwork	561	2.31	1.95	1.92	1.93	.047	.004	.006	.003	1.10	1.02	1.01	1.02	570	580	564	.000	.000	.000	.35	.39	.37
c. SFdiscuss	562	2.57	2.17	2.15	2.16	.041	.004	.006	.003	.96	.94	.93	.96	572	583	566	.000	.000	.000	.42	.45	.43
d. SFperform	560	2.56	2.16	2.12	2.19	.040	.004	.005	.002	.94	.91	.91	.93	569	580	563	.000	.000	.000	.44	.48	.40
4 a. memorize	563	2.77	2.78	2.77	2.72	.036	.004	.005	.002	.86	.90	.90	.91	58,185	28,360	567	.793	.973	.179	-.01	.00	.05
b. HOapply	563	3.24	3.10	3.09	3.11	.031	.003	.005	.002	.74	.80	.81	.80	57,962	28,257	139,184	.000	.000	.000	.18	.19	.17
c. HOanalyze	559	3.16	3.04	3.03	3.07	.033	.004	.005	.002	.79	.84	.85	.83	57,708	28,157	138,670	.000	.000	.007	.15	.16	.11
d. HOevaluate	558	3.04	2.87	2.86	2.95	.037	.004	.005	.002	.86	.89	.89	.87	57,670	28,122	138,562	.000	.000	.008	.20	.21	.11
e. HOform	558	3.05	2.90	2.90	2.96	.034	.004	.005	.002	.81	.86	.86	.85	569	583	138,252	.000	.000	.018	.17	.17	.10
5 a. ETgoals	564	3.25	3.14	3.12	3.16	.031	.003	.005	.002	.74	.77	.78	.78	57,916	28,263	138,949	.001	.000	.010	.14	.16	.11
b. ETorganize	562	3.18	3.09	3.07	3.11	.033	.003	.005	.002	.77	.79	.79	.80	57,799	28,213	138,658	.006	.002	.037	.12	.13	.09
c. ETexample	564	3.24	3.12	3.12	3.12	.033	.003	.005	.002	.79	.81	.81	.83	57,672	28,134	138,467	.000	.000	.001	.15	.15	.15
d. ETdraftfb	563	2.98	2.70	2.68	2.78	.039	.004	.006	.003	.92	.97	.98	.97	574	588	567	.000	.000	.000	.29	.31	.21
e. ETfeedback	562	3.06	2.79	2.78	2.85	.037	.004	.005	.002	.88	.90	.90	.91	572	585	566	.000	.000	.000	.30	.31	.23

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

Seniors

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
6 a. QRconclude	563	2.77	2.68	2.66	2.66	.038	.004	.006	.003	.90	.94	.95	.94	574	588	567	.016	.005	.003	.10	.11	.12
b. QRproblem	562	2.54	2.44	2.42	2.44	.040	.004	.006	.003	.95	.98	.98	.97	57,702	28,145	138,390	.013	.003	.009	.10	.13	.11
c. QRevaluate	561	2.57	2.47	2.44	2.43	.040	.004	.006	.003	.95	.94	.94	.94	57,606	28,101	138,265	.012	.001	.000	.11	.14	.15
7 a. wrshortnum	515	8.39	7.41	7.45	7.74	.303	.028	.041	.019	6.88	6.50	6.56	6.72	523	533	126,578	.002	.002	.030	.15	.14	.10
b. wrmednum	518	3.93	3.24	3.27	3.61	.201	.017	.026	.012	4.58	3.96	4.02	4.38	525	25,357	125,023	.001	.000	.096	.17	.16	.07
c. wrlongnum	512	2.25	1.78	1.83	1.96	.155	.015	.022	.010	3.51	3.32	3.42	3.65	520	531	123,564	.003	.008	.076	.14	.12	.08
— wrpages	504	89.18	72.88	73.70	79.20	4.148	.362	.527	.258	93.16	80.85	81.57	89.41	511	520	120,687	.000	.000	.012	.20	.19	.11
8 a. DDrace	526	2.99	3.08	3.05	3.08	.040	.004	.006	.003	.91	.91	.93	.93	54,045	26,222	530	.026	.130	.021	-.10	-.07	-.10
b. DDeconomic	523	3.09	3.08	3.06	3.07	.037	.004	.006	.002	.85	.87	.88	.89	53,915	26,150	527	.767	.383	.600	.01	.04	.02
c. DDreligion	521	2.98	3.02	3.02	2.99	.041	.004	.006	.003	.93	.92	.92	.94	53,862	26,122	128,581	.347	.297	.873	-.04	-.05	-.01
d. DDpolitical	520	3.06	3.03	3.01	3.01	.038	.004	.006	.003	.88	.91	.91	.92	53,651	26,012	128,135	.498	.240	.203	.03	.05	.06
9 a. LSreading	523	3.20	3.14	3.14	3.18	.034	.004	.005	.002	.77	.81	.82	.79	53,738	26,057	128,229	.081	.061	.528	.08	.08	.03
b. LSnotes	521	2.92	2.79	2.81	2.87	.041	.004	.006	.003	.94	.95	.95	.94	53,587	26,001	127,903	.004	.010	.293	.13	.11	.05
c. LSsummary	516	2.94	2.81	2.80	2.88	.039	.004	.006	.003	.90	.92	.92	.91	526	537	519	.001	.001	.109	.14	.15	.07
10. challenge	520	5.74	5.54	5.50	5.66	.045	.005	.008	.003	1.02	1.21	1.24	1.21	534	551	525	.000	.000	.062	.17	.20	.07
11 a. intern ^l	521	.638	.545	.541	.498	.0211	.0022	.0031	.0014	--	--	--	--	--	--	--	.000	.000	.000	.19	.20	.28
b. leader ^l	520	.459	.406	.378	.353	.0219	.0021	.0030	.0013	--	--	--	--	--	--	--	.013	.000	.000	.11	.16	.22
c. learncom ^l	517	.366	.254	.254	.238	.0212	.0019	.0027	.0012	--	--	--	--	--	--	--	.000	.000	.000	.24	.24	.28
d. abroad ^l	517	.143	.164	.144	.135	.0154	.0016	.0022	.0010	--	--	--	--	--	--	--	.203	.949	.601	-.06	.00	.02
e. research ^l	519	.263	.258	.244	.235	.0193	.0019	.0027	.0012	--	--	--	--	--	--	--	.794	.334	.138	.01	.04	.06
f. capstone ^l	517	.468	.449	.459	.452	.0220	.0022	.0031	.0014	--	--	--	--	--	--	--	.411	.699	.482	.04	.02	.03
12. servcourse	517	1.96	1.67	1.66	1.75	.031	.003	.004	.002	.71	.67	.68	.72	525	536	520	.000	.000	.000	.43	.43	.28
13 a. QIstudent	516	5.84	5.62	5.58	5.66	.052	.006	.008	.004	1.17	1.31	1.32	1.31	528	542	521	.000	.000	.001	.17	.20	.13
b. QIadvisor	516	5.37	5.07	5.00	5.25	.071	.008	.011	.005	1.61	1.79	1.81	1.76	528	542	520	.000	.000	.087	.16	.20	.07
c. QIfaculty	516	5.79	5.46	5.42	5.56	.054	.006	.009	.004	1.22	1.36	1.39	1.38	527	543	520	.000	.000	.000	.24	.27	.17
d. QIstaff	453	5.35	4.87	4.83	4.92	.070	.008	.012	.005	1.49	1.68	1.71	1.74	463	478	457	.000	.000	.000	.29	.31	.25
e. QIadmin	484	5.09	4.78	4.75	4.92	.073	.008	.011	.005	1.61	1.70	1.70	1.73	494	506	488	.000	.000	.018	.19	.20	.10
14 a. empstudy	502	3.18	3.13	3.13	3.16	.032	.003	.005	.002	.73	.77	.77	.77	51,033	24,699	121,770	.108	.177	.608	.07	.06	.02
b. SEacademic	499	3.15	2.91	2.89	2.96	.036	.004	.005	.002	.80	.85	.85	.85	50,620	24,476	120,766	.000	.000	.000	.28	.31	.23

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

Seniors

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	500	2.96	2.83	2.80	2.88	.042	.004	.006	.003	.93	.93	.93	.93	50,656	24,482	120,780	.003	.000	.068	.14	.17	.08

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

Seniors

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	500	2.71	2.55	2.55	2.60	.044	.004	.006	.003	.98	.99	.99	1.00	50,631	24,495	120,700	.000	.000	.013	.17	.17	.11
e. SEsocial	498	3.14	2.89	2.86	2.84	.037	.004	.006	.003	.83	.90	.92	.93	509	523	502	.000	.000	.000	.27	.30	.31
f. SEwellness	501	3.21	2.82	2.76	2.75	.037	.004	.006	.003	.84	.94	.95	.97	512	527	505	.000	.000	.000	.41	.47	.47
g. SENonacad	501	2.46	2.07	2.01	2.09	.045	.004	.006	.003	1.02	.97	.97	1.00	509	519	504	.000	.000	.000	.40	.46	.37
h. SEactivities	498	2.90	2.76	2.67	2.63	.041	.004	.006	.003	.91	.95	.96	1.00	508	521	502	.001	.000	.000	.15	.24	.27
i. SEevents	499	2.62	2.42	2.38	2.40	.042	.004	.006	.003	.94	.95	.95	.98	50,201	24,282	119,711	.000	.000	.000	.21	.25	.22
15 a. tmprephrs	500	15.47	14.85	14.87	15.04	.394	.040	.058	.026	8.82	8.84	8.88	8.86	50,462	24,355	120,205	.122	.136	.280	.07	.07	.05
b. tmcocurrhrs	500	6.63	5.08	4.75	4.77	.329	.030	.044	.020	7.35	6.76	6.80	6.99	507	517	502	.000	.000	.000	.23	.28	.27
c. tmworkonhrs	499	3.99	4.24	4.28	3.72	.311	.034	.051	.021	6.94	7.66	7.79	7.25	510	524	119,754	.439	.372	.397	-.03	-.04	.04
d. tmworkoffhrs	496	9.85	10.31	11.61	12.78	.503	.056	.084	.039	11.20	12.36	12.88	13.43	507	522	501	.369	.001	.000	-.04	-.14	-.22
— tmworkhrs	496	13.84	14.44	15.76	16.41	.530	.058	.085	.039	11.79	12.78	13.02	13.40	506	520	500	.264	.000	.000	-.05	-.15	-.19
e. tmervicehrs	495	3.73	3.00	2.89	3.30	.258	.023	.034	.016	5.75	5.14	5.15	5.57	502	511	119,171	.005	.001	.087	.14	.16	.08
f. tmrelaxhrs	494	12.23	11.57	11.48	10.41	.377	.037	.054	.023	8.38	8.28	8.36	8.02	50,142	24,208	119,580	.079	.049	.000	.08	.09	.23
g. tmcarehrs	498	3.01	4.50	5.10	6.74	.339	.043	.067	.034	7.57	9.65	10.24	11.55	513	536	507	.000	.000	.000	-.16	-.21	-.32
h. tmcommutehrs	499	4.58	4.81	5.21	4.80	.217	.023	.035	.017	4.85	5.18	5.40	5.80	50,306	524	504	.319	.005	.322	-.04	-.12	-.04
16. reading	496	2.82	2.75	2.74	2.89	.052	.005	.008	.003	1.16	1.20	1.20	1.19	50,228	24,234	119,824	.204	.136	.198	.06	.07	-.06
— tmreadinghrs	495	7.19	6.77	6.72	7.40	.280	.028	.040	.019	6.23	6.12	6.10	6.48	50,002	24,127	119,273	.122	.089	.490	.07	.08	-.03
17 a. pgwrite	498	3.03	2.95	2.92	3.02	.038	.004	.006	.003	.86	.91	.92	.90	508	521	119,751	.037	.004	.798	.09	.12	.01
b. pgspeak	492	3.05	2.88	2.85	2.92	.039	.004	.006	.003	.87	.94	.95	.94	503	516	496	.000	.000	.001	.19	.21	.14
c. pgthink	496	3.38	3.28	3.26	3.30	.034	.004	.005	.002	.76	.80	.81	.79	50,126	24,173	119,380	.005	.001	.037	.13	.15	.09
d. pganalyze	497	2.86	2.86	2.85	2.85	.044	.004	.006	.003	.98	.98	.98	.98	50,118	24,156	119,308	.894	.917	.806	-.01	.00	.01
e. pgwork	495	3.23	2.92	2.92	2.94	.037	.004	.006	.003	.83	.97	.98	.97	508	524	500	.000	.000	.000	.32	.32	.30
f. pgothers	496	3.29	3.02	3.00	3.04	.036	.004	.006	.003	.81	.90	.91	.90	50,094	24,137	119,231	.000	.000	.000	.30	.32	.28
g. pgvalues	494	3.01	2.74	2.69	2.83	.043	.005	.007	.003	.95	1.01	1.02	1.00	504	517	497	.000	.000	.000	.27	.31	.18
h. pgdiverse	491	2.96	2.75	2.75	2.81	.042	.004	.006	.003	.92	.99	.99	.99	501	513	494	.000	.000	.000	.21	.21	.15
i. pgprobsolve	490	3.01	2.80	2.77	2.82	.039	.004	.006	.003	.85	.96	.96	.96	501	515	494	.000	.000	.000	.21	.24	.20
j. pgcitizen	483	2.94	2.63	2.58	2.68	.043	.004	.007	.003	.94	1.00	1.01	1.00	492	505	486	.000	.000	.000	.31	.36	.26
18. evalexp	492	3.48	3.25	3.19	3.27	.031	.003	.005	.002	.69	.75	.77	.76	50,327	24,297	496	.000	.000	.000	.30	.37	.27
19. sameinst	494	3.44	3.25	3.19	3.23	.033	.004	.005	.002	.74	.83	.85	.84	505	520	498	.000	.000	.000	.24	.30	.25

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g Illinois State University

Seniors

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).

NS 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 SE mean plus or minus 1.96 times the standard error of the mean.

20

- 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."