
NSSEville State University

NSSE 2016 Major Field Report, Part II

Comparisons to Other Institutions

Sci & Math

*Comparing your students majoring in the fields shown below to those
in the same fields at your comparison group institutions*

The Major Field Report group 'Sci & Math' includes the following majors: Agriculture; Astronomy; Atmospheric science (including meteorology); Biochemistry or biophysics; Biology (general); Biomedical science; Botany; Cell and molecular biology; Chemistry; Earth science (including geology); Environmental science/studies; Marine science; Mathematics; Microbiology or bacteriology; Natural resources and conservation; Natural science; Neuroscience; Other agriculture and natural resources; Other biological sciences; Other physical sciences; Physical sciences (general); Physics; Physiology and developmental biology; Statistics; Zoology.

Note:

The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Sci & Math.

NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

Related-Major Groups

Self-reported majors (first major given if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize their related-major groups receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this report.

Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.

Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

Technical Requirements

Related-major groups with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

Report Sections

Engagement Indicators (pp. 3-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Overview of Engagement Indicators: Sci & Math

NSSEville State University

Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores^a for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **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.
- No significant difference.
- ▼ **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.

Theme	Engagement Indicator	First-Year Students in Sci & Math			Seniors in Sci & Math		
		Your first-year students compared with GLC Peers	Your first-year students compared with Carnegie Peers	Your first-year students compared with NSSE 2015 & 2016	Your seniors compared with GLC Peers	Your seniors compared with Carnegie Peers	Your seniors compared with NSSE 2015 & 2016
Academic Challenge	Higher-Order Learning	--	--	--	--	--	--
	Reflective & Integrative Learning	--	--	--	--	--	--
	Learning Strategies	--	--	--	--	--	--
	Quantitative Reasoning	--	--	--	--	--	--
Learning with Peers	Collaborative Learning	--	--	--	--	--	--
	Discussions with Diverse Others	--	--	--	--	--	--
Experiences with Faculty	Student-Faculty Interaction	▲	--	--	△	△	△
	Effective Teaching Practices	--	--	--	--	--	--
Campus Environment	Quality of Interactions	--	--	--	--	--	--
	Supportive Environment	--	--	--	--	--	--

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

First-year students^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
NSSEville State (N = 46)	41.1	11.2	1.64	25	35	40	50	60				
GLC Peers	40.7	12.7	.25	20	30	40	50	60	2,653	.4		.028
Carnegie Peers	40.0	13.6	.24	20	30	40	50	60	3,204	1.1		.083
NSSE 2015 & 2016	40.4	13.4	.09	20	30	40	50	60	23,062	.7		.051
Reflective & Integrative Learning												
NSSEville State (N = 46)	36.4	10.8	1.60	20	29	36	43	54				
GLC Peers	36.1	11.7	.23	17	29	34	43	57	2,714	.3		.026
Carnegie Peers	35.4	12.3	.22	17	26	34	43	60	3,263	1.1		.086
NSSE 2015 & 2016	35.6	12.1	.08	17	26	34	43	57	23,572	.8		.068
Learning Strategies												
NSSEville State (N = 46)	39.7	13.6	2.01	20	27	40	53	60				
GLC Peers	40.0	13.5	.26	20	27	40	53	60	2,675	-.3		-.023
Carnegie Peers	40.0	13.8	.24	20	27	40	53	60	3,217	-.3		-.022
NSSE 2015 & 2016	40.3	13.8	.09	20	33	40	53	60	23,266	-.6		-.045
Quantitative Reasoning												
NSSEville State (N = 46)	31.2	15.7	2.32	7	20	27	40	60				
GLC Peers	32.2	15.1	.29	7	20	33	40	60	2,706	-1.1		-.070
Carnegie Peers	30.5	15.7	.28	7	20	27	40	60	3,257	.6		.039
NSSE 2015 & 2016	30.9	15.5	.10	7	20	33	40	60	23,452	.2		.015
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 46)	35.5	12.9	1.90	15	25	35	45	55				
GLC Peers	36.8	13.7	.27	15	25	35	45	60	2,671	-1.3		-.093
Carnegie Peers	34.2	14.0	.25	15	25	35	45	60	3,227	1.4		.098
NSSE 2015 & 2016	35.6	13.9	.09	15	25	35	45	60	23,260	-.1		-.007
Discussions with Diverse Others												
NSSEville State (N = 45)	43.6	15.4	2.30	15	35	45	55	60				
GLC Peers	41.3	14.3	.28	20	30	40	55	60	2,689	2.3		.158
Carnegie Peers	40.3	15.9	.28	15	30	40	55	60	3,241	3.3		.208
NSSE 2015 & 2016	41.3	15.3	.10	15	30	40	55	60	23,392	2.2		.145

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

First-year students^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
NSSEville State (N = 46)	24.8	12.6	1.86	5	15	25	35	50				
GLC Peers	20.5	14.1	.27	0	10	20	30	50	2,689	4.3	*	.304
Carnegie Peers	21.1	14.6	.26	0	10	20	30	50	3,237	3.7		.255
NSSE 2015 & 2016	21.8	14.6	.10	0	10	20	30	50	23,308	3.0		.203
Effective Teaching Practices												
NSSEville State (N = 45)	41.8	11.4	1.69	24	32	44	52	60				
GLC Peers	40.4	11.9	.23	20	32	40	48	60	2,712	1.4		.118
Carnegie Peers	40.0	12.9	.23	20	32	40	52	60	3,276	1.8		.139
NSSE 2015 & 2016	40.1	12.7	.08	20	32	40	50	60	23,615	1.7		.132
Campus Environment												
Quality of Interactions												
NSSEville State (N = 45)	41.6	11.6	1.73	18	36	42	50	60				
GLC Peers	43.2	10.7	.21	24	38	44	50	60	2,599	-1.6		-.151
Carnegie Peers	40.9	12.5	.22	18	34	42	50	60	3,153	.7		.057
NSSE 2015 & 2016	42.2	11.9	.08	20	36	44	50	60	22,769	-6		-.051
Supportive Environment												
NSSEville State (N = 46)	36.9	11.8	1.75	20	25	38	45	58				
GLC Peers	38.7	12.5	.24	18	30	40	48	60	2,696	-1.9		-.151
Carnegie Peers	37.1	13.7	.24	15	28	38	48	60	3,252	-.3		-.020
NSSE 2015 & 2016	38.2	13.4	.09	15	30	40	48	60	23,434	-1.3		-.097

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
NSSEville State (N = 95)	41.9	12.8	1.31	15	35	40	55	60				
GLC Peers	39.5	13.3	.24	20	30	40	50	60	3,088	2.4		.181
Carnegie Peers	40.0	14.3	.23	15	30	40	50	60	3,865	1.9		.132
NSSE 2015 & 2016	40.1	14.0	.09	15	30	40	50	60	25,861	1.8		.126
Reflective & Integrative Learning												
NSSEville State (N = 101)	36.8	12.0	1.19	20	29	34	46	57				
GLC Peers	37.1	12.3	.22	17	29	37	46	60	3,146	-.3		-.026
Carnegie Peers	35.7	12.6	.20	14	26	34	43	60	3,920	1.1		.088
NSSE 2015 & 2016	36.7	12.6	.08	17	29	37	46	60	26,334	.1		.008
Learning Strategies												
NSSEville State (N = 97)	40.8	14.8	1.50	13	33	40	53	60				
GLC Peers	38.3	14.1	.26	13	27	40	47	60	3,101	2.5		.176
Carnegie Peers	40.8	14.4	.23	20	33	40	53	60	3,888	.0		-.002
NSSE 2015 & 2016	40.1	14.4	.09	20	27	40	53	60	26,032	.6		.042
Quantitative Reasoning												
NSSEville State (N = 99)	36.4	16.3	1.64	13	20	33	47	60				
GLC Peers	36.7	15.5	.28	13	27	40	47	60	3,135	-.3		-.017
Carnegie Peers	35.7	15.9	.26	7	27	33	47	60	3,922	.7		.046
NSSE 2015 & 2016	35.6	15.9	.10	7	20	33	47	60	26,276	.8		.052
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 97)	36.1	14.1	1.43	15	25	35	45	60				
GLC Peers	36.3	13.7	.25	15	25	35	45	60	3,094	-.3		-.018
Carnegie Peers	35.8	14.0	.23	15	25	35	45	60	3,880	.3		.023
NSSE 2015 & 2016	35.9	14.0	.09	15	25	35	45	60	26,009	.2		.013
Discussions with Diverse Others												
NSSEville State (N = 98)	41.0	15.3	1.54	15	30	40	60	60				
GLC Peers	40.1	14.7	.27	15	30	40	55	60	3,120	.8		.057
Carnegie Peers	41.1	16.1	.26	15	30	40	60	60	3,898	-.2		-.011
NSSE 2015 & 2016	41.0	15.6	.10	15	30	40	55	60	26,157	-.1		-.004

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
NSSEville State (N = 101)	31.5	16.1	1.60	0	20	30	40	60				
GLC Peers	27.1	15.3	.28	5	15	25	35	60	3,107	4.4	**	.287
Carnegie Peers	27.7	16.5	.27	5	15	25	40	60	3,887	3.8	*	.232
NSSE 2015 & 2016	27.6	16.2	.10	5	15	25	40	60	26,060	3.9	*	.241
Effective Teaching Practices												
NSSEville State (N = 101)	42.0	13.2	1.31	20	35	44	52	60				
GLC Peers	40.2	11.9	.22	20	32	40	48	60	3,147	1.8		.154
Carnegie Peers	40.9	13.5	.22	18	32	40	52	60	3,939	1.1		.084
NSSE 2015 & 2016	40.6	13.0	.08	20	32	40	52	60	26,399	1.4		.109
Campus Environment												
Quality of Interactions												
NSSEville State (N = 97)	43.2	12.0	1.22	20	38	46	52	60				
GLC Peers	42.2	10.4	.19	24	36	43	50	60	101	1.0		.100
Carnegie Peers	41.9	11.5	.19	20	35	43	50	60	3,795	1.3		.114
NSSE 2015 & 2016	42.2	11.3	.07	20	36	44	50	60	25,652	1.1		.094
Supportive Environment												
NSSEville State (N = 99)	35.4	13.8	1.39	15	25	35	45	60				
GLC Peers	34.4	12.5	.23	13	25	35	43	58	3,141	1.0		.078
Carnegie Peers	32.7	14.2	.23	10	23	33	43	60	3,918	2.7		.191
NSSE 2015 & 2016	33.8	13.8	.08	10	25	35	43	60	26,271	1.6		.116

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

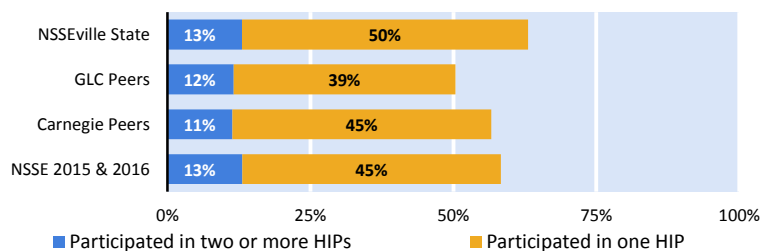
High-Impact Practices: Sci & Math

NSSEville State University

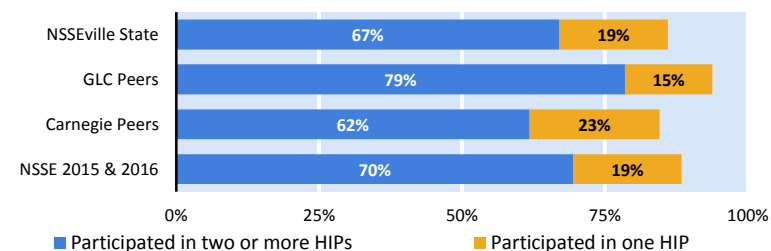
Overall HIP Participation^a

The figures below display the percentage^h of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, and research with faculty. The Senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

First-Year Students in Sci & Math



Seniors in Sci & Math



Statistical Comparisons^a

The table below compares the percentage^h of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
<i>First-Year Students in Sci & Math</i>	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	7		15		14		16	
12. Service-learning	63		38 ***	.50	49		49	.28
11e. Research with faculty	9		11	-.08	6	.10	8	.02
Participated in at least one	63		50	.26	57	.13	58	.10
Participated in two or more	13		12	.04	11	.05	13	.00
<i>Seniors in Sci & Math</i>	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	19		25	-.17	23	-.10	26	-.18
12. Service-learning	61		48 *	.26	53	.16	54	.14
11e. Research with faculty	55		62	-.13	43 *	.24	50	.11
11a. Internship or field exp.	47		65 ***	-.36	44	.07	53	-.12
11d. Study abroad	11		30 ***	-.47	11	.01	19 *	-.22
11f. Culminating senior exp.	39		52 *	-.26	43	-.09	49 *	-.21
Participated in at least one	86		94 **	-.26	85	.04	88	-.07
Participated in two or more	67		79 **	-.26	62	.11	70	-.05

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	1	2	73	3	110	3	696	3	3.1	2.9	.24	2.8 *	.35	2.9	.26
		2	Sometimes	9	20	892	33	1,177	36	7,935	34							
		3	Often	20	43	917	34	1,142	35	8,383	36							
		4	Very often	16	35	792	30	797	25	6,591	28							
		Total	46	100	2,674	100	3,226	100	23,605	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	6	13	499	19	487	15	3,830	16	2.6	2.4	.22	2.6	.06	2.5	.12
		2	Sometimes	15	33	986	37	1,057	33	8,244	35							
		3	Often	15	33	742	28	1,011	31	7,022	30							
		4	Very often	10	22	433	16	662	21	4,413	19							
		Total	46	100	2,660	100	3,217	100	23,509	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	3	7	130	5	143	4	1,078	5	3.2	3.0	.21	3.1	.04	3.1	.11
		2	Often	4	9	347	13	326	10	2,675	11							
		3	Sometimes	22	48	1,588	60	1,757	55	13,387	57							
		4	Never	17	37	596	22	994	31	6,379	27							
		Total	46	100	2,661	100	3,220	100	23,519	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	13	28	579	22	1,241	39	7,905	34	2.1	2.2	-.11	1.9	.22	2.0	.12
		2	Sometimes	20	43	1,272	48	1,319	41	9,882	42							
		3	Often	9	20	562	21	431	13	3,959	17							
		4	Very often	4	9	249	9	224	7	1,768	8							
		Total	46	100	2,662	100	3,215	100	23,514	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	2	4	136	5	208	6	1,336	6	2.7	2.8	-.22	2.7	-.05	2.8	-.13
		2	Sometimes	22	48	841	32	1,232	38	8,271	35							
		3	Often	12	26	1,004	38	1,117	35	8,475	36							
		4	Very often	10	22	683	26	664	21	5,456	23							
		Total	46	100	2,664	100	3,221	100	23,538	100								
f. Explained course material to one or more students	CLexplain	1	Never	2	4	52	2	100	3	614	3	3.0	3.0	.07	2.8	.22	2.9	.14
		2	Sometimes	10	22	724	27	1,079	33	7,134	30							
		3	Often	19	41	1,151	43	1,285	40	9,667	41							
		4	Very often	15	33	737	28	763	24	6,114	26							
		Total	46	100	2,664	100	3,227	100	23,529	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	5	11	217	8	404	13	2,425	10	2.8	2.8	-.05	2.6	.13	2.7	.03
		2	Sometimes	12	26	818	31	1,109	34	7,671	33							
		3	Often	18	39	899	34	980	30	7,349	31							
		4	Very often	11	24	737	28	731	23	6,130	26							
		Total	46	100	2,671	100	3,224	100	23,575	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	4	137	5	219	7	1,360	6	2.7	2.8	-.09	2.7	.00	2.7	-.07
		2	Sometimes	20	43	964	36	1,242	39	8,678	37							
		3	Often	15	33	989	37	1,124	35	8,451	36							
		4	Very often	9	20	578	22	637	20	5,060	21							
		Total	46	100	2,668	100	3,222	100	23,549	100								
i. Given a course presentation	present	1	Never	5	11	528	20	642	20	4,533	19	2.5	2.2 ** ▲	.48	2.2 * ▲	.35	2.2 * ▲	.36
		2	Sometimes	20	43	1,414	53	1,501	47	11,315	48							
		3	Often	12	26	527	20	763	24	5,454	23							
		4	Very often	9	20	202	8	319	10	2,229	9							
		Total	46	100	2,671	100	3,225	100	23,531	100								

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

a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	1	2	135	5	240	7	1,499	6	2.7	2.7	.08	2.7	.10	2.7	.10
		2	Sometimes	19	41	1,048	39	1,196	37	9,180	39							
		3	Often	17	37	1,034	39	1,227	38	8,804	37							
		4	Very often	9	20	454	17	560	17	4,063	17							
		Total		46	100	2,671	100	3,223	100	23,546	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	4	9	203	8	302	9	1,976	8	2.6	2.6	.02	2.6	.06	2.6	.05
		2	Sometimes	14	30	1,071	40	1,253	39	9,389	40							
		3	Often	23	50	952	36	1,155	36	8,358	36							
		4	Very often	5	11	445	17	503	16	3,757	16							
		Total		46	100	2,671	100	3,213	100	23,480	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	3	7	239	9	394	12	2,321	10	2.7	2.6	.14	2.5	.19	2.6	.15
		2	Sometimes	19	42	1,107	42	1,257	39	9,427	40							
		3	Often	12	27	880	33	1,062	33	7,986	34							
		4	Very often	11	24	439	16	503	16	3,746	16							
		Total		45	100	2,665	100	3,216	100	23,480	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	2	4	120	5	174	5	1,176	5	2.9	2.8	.18	2.8	.21	2.8	.20
		2	Sometimes	10	22	810	30	1,072	33	7,676	33							
		3	Often	23	50	1,236	46	1,320	41	10,006	43							
		4	Very often	11	24	497	19	653	20	4,617	20							
		Total	46	100	2,663	100	3,219	100	23,475	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	3	7	78	3	101	3	768	3	2.9	2.9	-.01	2.9	-.02	2.9	-.01
		2	Sometimes	11	24	742	28	928	29	6,644	28							
		3	Often	20	43	1,212	45	1,367	42	10,233	44							
		4	Very often	12	26	632	24	825	26	5,820	25							
		Total	46	100	2,664	100	3,221	100	23,465	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	2	69	3	101	3	720	3	2.9	2.9	-.03	2.9	.04	2.9	.02
		2	Sometimes	12	26	757	28	1,009	31	7,014	30							
		3	Often	24	52	1,155	43	1,358	42	10,155	43							
		4	Very often	9	20	677	25	750	23	5,580	24							
		Total	46	100	2,658	100	3,218	100	23,469	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	22	1	42	1	296	1	3.0	3.2 *	-.31	3.1	-.19	3.1	-.21
		2	Sometimes	13	28	439	17	613	19	4,484	19							
		3	Often	22	48	1,234	46	1,532	48	10,995	47							
		4	Very often	11	24	959	36	1,020	32	7,650	33							
		Total	46	100	2,654	100	3,207	100	23,425	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	4	9	567	21	588	18	4,159	18	2.4	2.2	.26	2.3	.12	2.3	.12
		2	Sometimes	25	54	1,288	48	1,467	46	10,865	46							
		3	Often	11	24	557	21	770	24	5,593	24							
		4	Very often	6	13	256	10	396	12	2,890	12							
		Total		46	100	2,668	100	3,221	100	23,507	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	21	46	1,293	49	1,629	51	11,085	47	1.8	1.8	.02	1.7	.04	1.8	-.03
		2	Sometimes	16	35	876	33	982	31	7,518	32							
		3	Often	7	15	315	12	409	13	3,160	13							
		4	Very often	2	4	178	7	196	6	1,694	7							
		Total		46	100	2,662	100	3,216	100	23,457	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your first-year students compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	9	20	701	26	1,019	32	6,548	28	2.3	2.1	.23	2.0 *	.32	2.1	.24
		2	Sometimes	18	39	1,231	46	1,377	43	10,266	44							
		3	Often	15	33	505	19	562	17	4,577	20							
		4	Very often	4	9	227	9	259	8	2,058	9							
		Total	46	100	2,664	100	3,217	100	23,449	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	5	11	707	27	781	24	5,405	23	2.5	2.1 **	.47	2.1 *	.35	2.2 *	.33
		2	Sometimes	22	48	1,309	49	1,483	46	11,024	47							
		3	Often	12	26	439	16	647	20	4,803	20							
		4	Very often	7	15	206	8	303	9	2,206	9							
		Total	46	100	2,661	100	3,214	100	23,438	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	1	2	86	3	85	3	623	3	3.2	3.0	.22	3.1	.08	3.1	.11
		2	Some	8	17	658	25	598	19	4,860	21							
		3	Quite a bit	20	43	1,156	43	1,465	46	10,361	44							
		4	Very much	17	37	769	29	1,068	33	7,669	33							
		Total	46	100	2,669	100	3,216	100	23,513	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	43	2	85	3	554	2	3.2	3.2	-.07	3.1	.09	3.1	.05
		2	Some	7	15	381	14	610	19	4,124	18							
		3	Quite a bit	24	52	1,164	44	1,419	44	10,305	44							
		4	Very much	15	33	1,076	40	1,103	34	8,487	36							
		Total	46	100	2,664	100	3,217	100	23,470	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	4	71	3	96	3	688	3	3.0	3.1	-.09	3.0	.01	3.1	-.03
		2	Some	8	17	492	19	729	23	4,889	21							
		3	Quite a bit	22	48	1,153	43	1,351	42	9,916	42							
		4	Very much	14	30	937	35	1,029	32	7,909	34							
		Total	46	100	2,653	100	3,205	100	23,402	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	2	138	5	145	5	1,022	4	3.0	2.9	.18	2.9	.15	2.9	.13
		2	Some	10	22	707	27	829	26	6,036	26							
		3	Quite a bit	21	46	1,123	42	1,373	43	9,908	42							
		4	Very much	14	30	690	26	857	27	6,455	28							
		Total	46	100	2,658	100	3,204	100	23,421	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		Your first-year students compared with					
		GLC Peers												Carnegie Peers		NSSE 2015 & 2016			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	2	134	5	139	4	1,035	4	3.0	2.9	.05	2.9	.03	2.9	.02	
		2	Some	9	20	667	25	830	26	5,865	25								
		3	Quite a bit	27	59	1,147	43	1,345	42	10,000	43								
		4	Very much	9	20	708	27	890	28	6,494	28								
		Total	46	100	2,656	100	3,204	100	23,394	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	0	0	23	1	56	2	401	2	3.2	3.2	.13	3.1	.13	3.1	.14	
		2	Some	5	11	458	17	554	17	4,018	17								
		3	Quite a bit	24	53	1,282	48	1,480	46	10,973	47								
		4	Very much	16	36	911	34	1,142	35	8,183	35								
		Total	45	100	2,674	100	3,232	100	23,575	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	33	1	92	3	563	2	3.2	3.1	.05	3.1	.12	3.1	.10	
		2	Some	6	13	444	17	615	19	4,223	18								
		3	Quite a bit	25	56	1,302	49	1,461	45	10,954	47								
		4	Very much	14	31	879	33	1,060	33	7,792	33								
		Total	45	100	2,658	100	3,228	100	23,532	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	2	42	2	92	3	548	2	3.3	3.2	.08	3.1	.21	3.2	.18	
		2	Some	7	15	384	14	621	19	4,142	18								
		3	Quite a bit	15	33	1,129	42	1,286	40	9,816	42								
		4	Very much	23	50	1,110	42	1,222	38	8,987	38								
		Total	46	100	2,665	100	3,221	100	23,493	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	7	221	8	212	7	1,770	8	2.9	2.8	.10	2.9	.01	2.8	.03	
		2	Some	11	24	822	31	926	29	6,721	29								
		3	Quite a bit	21	46	945	35	1,184	37	8,553	36								
		4	Very much	11	24	676	25	895	28	6,462	27								
		Total	46	100	2,664	100	3,217	100	23,506	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	2	191	7	251	8	1,848	8	2.8	2.8	.05	2.8	.05	2.8	.05	
		2	Some	19	41	824	31	1,006	31	7,119	30								
		3	Quite a bit	13	28	1,028	39	1,153	36	8,855	38								
		4	Very much	13	28	617	23	807	25	5,633	24								
		Total	46	100	2,660	100	3,217	100	23,455	100									

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k										
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with									
Item wording or description	Variable name ⁱ	Values ^m	Response options										Count	%	Count	%	Count	%	Count	%	Mean	Mean
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	2	4	158	6	238	7	1,533	7	2.9	2.9	-.02	2.8	.12	2.8	.09				
		2	Sometimes	10	22	673	25	974	30	6,937	29											
		3	Often	25	54	1,107	41	1,256	39	9,485	40											
		4	Very often	9	20	738	28	765	24	5,626	24											
		Total	46	100	2,676	100	3,233	100	23,581	100												
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	7	15	470	18	597	18	4,377	19	2.5	2.4	.08	2.4	.09	2.4	.10				
		2	Sometimes	17	37	1,045	39	1,246	39	9,105	39											
		3	Often	15	33	759	28	901	28	6,648	28											
		4	Very often	7	15	399	15	485	15	3,416	15											
		Total	46	100	2,673	100	3,229	100	23,546	100												
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	10	22	314	12	516	16	3,423	15	2.3	2.5	-.24	2.4	-.11	2.4	-.15				
		2	Sometimes	17	37	1,075	40	1,314	41	9,561	41											
		3	Often	14	30	860	32	971	30	7,309	31											
		4	Very often	5	11	420	16	419	13	3,206	14											
		Total	46	100	2,669	100	3,220	100	23,499	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 (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	0	0	82	3	145	5	955	4	7.3	7.5	-.04	6.3	.17	6.9	.06				
		1.5	1-2	7	15	378	14	701	22	4,329	19											
		4	3-5	21	46	887	33	1,050	33	7,407	32											
		8	6-10	8	17	699	26	743	23	5,952	26											
		13	11-15	5	11	306	12	295	9	2,463	11											
		18	16-20	1	2	154	6	135	4	1,041	4											
		23	More than 20	4	9	149	6	117	4	1,148	5											
		Total	46	100	2,655	100	3,186	100	23,295	100												
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	12	26	666	26	1,077	35	7,056	31	2.2	2.3	-.04	2.1	.04	2.3	-.01				
		1.5	1-2	23	50	1,157	45	1,289	41	9,496	42											
		4	3-5	9	20	567	22	519	17	4,297	19											
		8	6-10	1	2	157	6	162	5	1,350	6											
		13	11-15	0	0	29	1	46	1	350	2											
		18	16-20	0	0	10	0	14	0	120	1											
		23	More than 20	1	2	9	0	14	0	100	0											
		Total	46	100	2,595	100	3,121	100	22,769	100												

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

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First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your first-year students compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	36	80	1,811	72	2,411	79	16,801	76	.8	.8	.01	.7	.04	.8	.01
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	8	18	559	22	480	16	4,048	18							
	4	3-5	0	0	83	3	89	3	716	3								
	8	6-10	0	0	24	1	43	1	314	1								
	13	11-15	0	0	12	0	25	1	174	1								
	18	16-20	0	0	9	0	6	0	60	0								
	23	More than 20	1	2	10	0	11	0	92	0								
	Total	45	100	2,508	100	3,065	100	22,205	100									
Estimated number of assigned pages of student writing.	wrpages	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										50.7	51.4	-.01	44.2	.12	48.7	.03
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	2	4	68	3	174	5	992	4	3.2	3.2	.05	3.0	.20	3.1	.11
		2	Sometimes	11	24	616	23	794	25	5,369	23							
		3	Often	8	17	779	29	1,000	31	7,078	30							
		4	Very often	25	54	1,208	45	1,257	39	10,140	43							
		Total	46	100	2,671	100	3,225	100	23,579	100								
b. People from an economic background other than your own	DDeconomic	1	Never	2	4	66	2	176	5	962	4	3.3	3.1	.13	3.0	.27	3.1	.18
		2	Sometimes	5	11	596	22	740	23	5,128	22							
		3	Often	18	39	879	33	1,148	36	8,070	34							
		4	Very often	21	46	1,122	42	1,158	36	9,382	40							
		Total	46	100	2,663	100	3,222	100	23,542	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	3	7	198	7	186	6	1,328	6	3.2	3.0	.21	3.0	.18	3.0	.16
		2	Sometimes	7	15	673	25	780	24	5,665	24							
		3	Often	14	30	754	28	1,018	32	7,131	30							
		4	Very often	22	48	1,041	39	1,240	38	9,407	40							
		Total	46	100	2,666	100	3,224	100	23,531	100								
d. People with political views other than your own	DDpolitical	1	Never	2	4	120	4	235	7	1,331	6	3.1	2.9	.15	3.0	.13	3.0	.09
		2	Sometimes	9	20	821	31	771	24	5,934	25							
		3	Often	17	38	805	30	1,070	33	7,594	32							
		4	Very often	17	38	925	35	1,140	35	8,636	37							
		Total	45	100	2,671	100	3,216	100	23,495	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		Your first-year students compared with					
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	1	2	35	1	54	2	333	1	3.1	3.2	-.22	3.1	-.06	3.2	-.13	
		2	Sometimes	10	22	392	15	628	19	4,153	18								
		3	Often	20	43	1,167	44	1,459	45	10,433	44								
		4	Very often	15	33	1,066	40	1,083	34	8,621	37								
		Total	46	100	2,660	100	3,224	100	23,540	100									
b. Reviewed your notes after class	LSnotes	1	Never	3	7	125	5	128	4	961	4	3.0	2.9	.07	3.0	-.02	3.0	-.01	
		2	Sometimes	12	26	777	29	830	26	6,305	27								
		3	Often	13	28	901	34	1,107	34	7,872	34								
		4	Very often	18	39	857	32	1,155	36	8,360	36								
		Total	46	100	2,660	100	3,220	100	23,498	100									
c. Summarized what you learned in class or from course materials	LSummary	1	Never	1	2	167	6	195	6	1,378	6	2.9	2.8	.06	2.9	.02	2.9	.01	
		2	Sometimes	17	37	808	30	910	28	6,734	29								
		3	Often	14	30	961	36	1,191	37	8,478	36								
		4	Very often	14	30	714	27	899	28	6,772	29								
		Total	46	100	2,650	100	3,195	100	23,362	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	2	14	1	13	0	87	0	5.5	5.7	-.19	5.6	-.10	5.7	-.14	
		2		0	0	17	1	31	1	204	1								
		3		0	0	59	2	89	3	611	3								
		4		6	13	200	8	314	10	2,003	9								
		5		16	35	755	28	975	30	7,072	30								
		6		13	28	938	35	999	31	7,608	32								
		7	Very much	10	22	681	26	798	25	5,970	25								
		Total	46	100	2,664	100	3,219	100	23,555	100									
11. Which of the following have you done or do you plan to do before you graduate? ^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		1	2	167	6	322	10	2,023	9	9%	10%	-.05	7%	.06	9%	-.01	
		Do not plan to do		2	4	60	2	107	3	619	3								
		Plan to do		39	85	2,172	81	2,574	80	18,850	80								
		Done or in progress		4	9	275	10	229	7	2,096	9								
		Total		46	100	2,674	100	3,232	100	23,588	100								
(Means indicate the percentage who responded "Done or in progress.")																			

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

			Frequency Distributions								Statistical Comparisons ^k					
			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	13	29	652	24	897	28	6,057	26	9%	15%	-.18	9%	-.02
			Do not plan to do	7	16	402	15	738	23	4,577	19					
			Plan to do	21	47	1,219	46	1,288	40	9,942	42					
			Done or in progress	4	9	394	15	306	9	2,959	13					
			Total	45	100	2,667	100	3,229	100	23,535	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	20	44	813	31	1,047	32	7,231	31	7%	15%	-.27	14%	-.25
			Do not plan to do	8	18	841	32	793	25	6,059	26					
			Plan to do	14	31	606	23	929	29	6,370	27					
			Done or in progress	3	7	400	15	455	14	3,844	16					
			Total	45	100	2,660	100	3,224	100	23,504	100					
d. Participate in a study abroad program	abroad		Have not decided	13	29	627	24	935	29	6,230	26	0%	4%	-.41	3%	-.35
			Do not plan to do	13	29	475	18	844	26	5,254	22					
			Plan to do	19	42	1,451	54	1,354	42	11,224	48					
			Done or in progress	0	0	110	4	96	3	806	3					
			Total	45	100	2,663	100	3,229	100	23,514	100					
e. Work with a faculty member on a research project	research		Have not decided	9	20	493	19	968	30	6,269	27	9%	11%	-.08	6%	.10
			Do not plan to do	3	7	142	5	402	13	2,447	10					
			Plan to do	29	64	1,718	65	1,634	51	12,805	55					
			Done or in progress	4	9	298	11	203	6	1,932	8					
			Total	45	100	2,651	100	3,207	100	23,453	100					
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	11	24	625	24	1,046	33	6,430	27	2%	2%	.00	2%	.00
			Do not plan to do	4	9	131	5	222	7	1,586	7					
			Plan to do	29	64	1,833	69	1,874	58	14,920	64					
			Done or in progress	1	2	60	2	70	2	520	2					
			Total	45	100	2,649	100	3,212	100	23,456	100					

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

servcourse	1	None	17	37	1,648	62	1,631	51	11,919	51	1.8	▲	1.4 ***	.56	▲	1.6 *	.33	▲	1.6 *	.33
	2	Some	23	50	891	33	1,368	43	9,944	42										
	3	Most	5	11	94	4	187	6	1,322	6										
	4	All	1	2	29	1	27	1	255	1										
	Total		46	100	2,662	100	3,213	100	23,440	100										

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your first-year students compared with						
												NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	1	2	25	1	49	2	312	1	5.3	5.7	-.32	5.4	-.12	5.5	-.21
		2	1	2	35	1	74	2	432	2								
		3	5	11	106	4	173	5	1,080	5								
		4	6	13	246	9	379	12	2,469	10								
		5	10	22	617	23	832	26	5,896	25								
		6	11	24	864	32	887	27	6,844	29								
		7	Excellent	12	26	781	29	823	25	6,481	27							
		—	Not applicable	0	0	3	0	15	0	97	0							
		Total	46	100	2,677	100	3,232	100	23,611	100								
b. Academic advisors	QIadvisor	1	Poor	3	7	56	2	151	5	796	3	4.8	5.2	-.24	5.1	-.15	5.2	-.24
		2	3	7	132	5	174	5	1,163	5								
		3	3	7	233	9	275	9	1,848	8								
		4	6	13	368	14	453	14	3,137	13								
		5	14	30	573	21	617	19	4,630	20								
		6	10	22	568	21	654	20	5,110	22								
		7	Excellent	7	15	680	25	845	26	6,480	27							
		—	Not applicable	0	0	62	2	59	2	410	2							
		Total	46	100	2,672	100	3,228	100	23,574	100								
c. Faculty	QIfaculty	1	Poor	1	2	18	1	81	3	396	2	5.5	5.5	.00	5.2	.17	5.3	.08
		2	1	2	50	2	99	3	650	3								
		3	3	7	130	5	213	7	1,295	6								
		4	1	2	316	12	460	14	2,993	13								
		5	15	33	730	27	824	26	5,935	25								
		6	15	33	811	31	866	27	6,861	29								
		7	Excellent	10	22	591	22	653	20	5,181	22							
		—	Not applicable	0	0	11	0	22	1	172	1							
		Total	46	100	2,657	100	3,218	100	23,483	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with					
		GLC Peers											Carnegie Peers		NSSE 2015 & 2016			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	1	2	45	2	159	5	909	4	5.1	5.2	-.06	4.9	.14	5.1	.05
		2		1	2	89	3	161	5	1,015	4							
		3		2	4	170	6	266	8	1,669	7							
		4		8	17	367	14	447	14	3,242	14							
		5		16	35	644	24	634	20	4,957	21							
		6		7	15	622	23	651	20	5,188	22							
		7	Excellent	9	20	546	21	577	18	4,601	20							
		—	Not applicable	2	4	173	7	320	10	1,909	8							
		Total		46	100	2,656	100	3,215	100	23,490	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	2	4	79	3	182	6	1,046	4	5.1	5.1	.00	4.8	.15	4.9	.08
		2		1	2	99	4	185	6	1,170	5							
		3		2	4	179	7	279	9	1,879	8							
		4		7	15	384	14	481	15	3,415	14							
		5		14	30	608	23	686	21	5,141	22							
		6		11	24	583	22	628	19	4,924	21							
		7	Excellent	7	15	469	18	564	17	4,347	18							
		—	Not applicable	2	4	270	10	219	7	1,635	7							
		Total		46	100	2,671	100	3,224	100	23,557	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	2	4	25	1	36	1	288	1	3.1	3.4 ** ▼	-.39	3.2	-.18	3.3	-.25
		2	Some	5	11	265	10	459	14	2,946	13							
		3	Quite a bit	25	54	1,046	39	1,418	44	9,898	42							
		4	Very much	14	30	1,326	50	1,300	40	10,332	44							
		Total		46	100	2,662	100	3,213	100	23,464	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	4	55	2	98	3	617	3	3.0	3.2	-.25	3.1	-.13	3.2	-.21
		2	Some	8	17	391	15	579	18	3,816	16							
		3	Quite a bit	23	50	1,125	43	1,324	42	9,491	41							
		4	Very much	13	28	1,074	41	1,188	37	9,411	40							
		Total		46	100	2,645	100	3,189	100	23,335	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	4	85	3	127	4	849	4	3.2	3.2	-.07	3.2	-.07	3.2	-.09
		2	Some	8	18	411	16	489	15	3,448	15							
		3	Quite a bit	16	36	1,017	38	1,154	36	8,485	36							
		4	Very much	19	42	1,138	43	1,434	45	10,599	45							
		Total		45	100	2,651	100	3,204	100	23,381	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your first-year students compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	2	4	300	11	368	11	2,552	11	2.9	2.7	.14	2.7	.13	2.8	.10
		2	Some	14	30	789	30	914	28	6,643	28							
		3	Quite a bit	18	39	877	33	1,087	34	7,745	33							
		4	Very much	12	26	689	26	842	26	6,464	28							
		Total	46	100	2,655	100	3,211	100	23,404	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	2	87	3	176	5	1,103	5	3.1	3.1	.03	3.0	.15	3.1	.09
		2	Some	8	18	505	19	730	23	4,789	20							
		3	Quite a bit	20	44	1,097	41	1,219	38	9,141	39							
		4	Very much	16	36	967	36	1,084	34	8,369	36							
		Total	45	100	2,656	100	3,209	100	23,402	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	3	7	115	4	185	6	1,289	6	2.8	3.1 *	- .34	3.0	- .21	3.0	- .26
		2	Some	13	28	507	19	729	23	4,857	21							
		3	Quite a bit	20	43	1,034	39	1,218	38	9,049	39							
		4	Very much	10	22	996	38	1,069	33	8,155	35							
		Total	46	100	2,652	100	3,201	100	23,350	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	14	30	496	19	699	22	4,836	21	2.2	2.4	- .16	2.4	- .12	2.4	- .15
		2	Some	13	28	1,019	38	1,151	36	8,307	36							
		3	Quite a bit	13	28	723	27	854	27	6,503	28							
		4	Very much	6	13	410	15	502	16	3,735	16							
		Total	46	100	2,648	100	3,206	100	23,381	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	1	2	108	4	272	9	1,500	6	3.0	3.0	- .06	2.8	.12	2.9	.01
		2	Some	15	33	608	23	833	26	5,551	24							
		3	Quite a bit	14	31	1,073	41	1,220	38	9,015	39							
		4	Very much	15	33	851	32	873	27	7,260	31							
		Total	45	100	2,640	100	3,198	100	23,326	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	5	11	231	9	467	15	2,921	13	2.6	2.7	- .19	2.6	.00	2.6	- .09
		2	Some	18	40	851	32	1,101	34	7,486	32							
		3	Quite a bit	14	31	978	37	997	31	7,877	34							
		4	Very much	8	18	585	22	630	20	5,019	22							
		Total	45	100	2,645	100	3,195	100	23,303	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k																					
				NSSEville State	GLC Peers	Carnegie Peers	NSSE 2015 & 2016	NSSEville State	Your first-year students compared with																								
									GLC Peers	Carnegie Peers	NSSE 2015 & 2016																						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ															
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)	tmpprephrs (Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 5 6 14 11 4 4 2 46	0 11 13 30 24 9 9 4 100	7 113 328 470 640 485 290 327 2,660	0 4 12 18 24 18 11 12 100	11 420 714 707 618 384 210 160 3,224	0 13 22 22 19 12 7 5 100	79 2,200 4,350 4,889 4,827 3,265 1,950 1,958 23,518	0 9 18 21 21 14 8 8 100	15.5	19.0 ** ▼	-.43	14.7	.10	16.4	-.11															
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	8 19 10 2 6 0 0 0 45	18 42 22 4 13 0 0 0 100	469 1,016 603 295 142 70 18 33 2,646	18 38 23 11 5 3 1 1 100	1,105 1,163 458 227 131 56 22 34 3,196	35 36 14 7 4 2 1 1 100	6,318 8,637 4,084 2,069 1,251 542 219 276 23,396	27 37 17 9 5 2 1 1 100								6.0	6.6	-.09	4.8	.19	5.8	.03								
c. Working for pay on campus	tmworkonhrs (Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	40 2 2 1 1 0 0 0 46	87 4 4 2 2 0 0 0 100	1,776 234 368 157 92 14 3 9 2,653	67 9 14 6 3 1 0 0 100	2,714 118 159 118 66 26 9 7 3,217	84 4 5 4 2 1 0 0 100	17,884 1,343 2,146 1,135 672 179 47 59 23,465	76 6 9 5 3 1 0 0 100															1.2	3.0 ** ▼	-.35	1.7	-.11	2.4 *	▼	-.23

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First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your first-year students compared with						
												NSSEville State	GLC Peers	Carnegie Peers	NSSE 2015 & 2016			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	34	74	2,281	86	2,164	67	17,567	75	5.0	1.4 * ▲	.76	5.2	-.02	3.7	.17
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	121	5	153	5	1,116	5							
	8	6-10 hrs	4	9	99	4	189	6	1,166	5								
	13	11-15 hrs	0	0	64	2	166	5	968	4								
	18	16-20 hrs	3	7	44	2	242	8	1,074	5								
	23	21-25 hrs	2	4	14	1	124	4	634	3								
	28	26-30 hrs	0	0	15	1	95	3	414	2								
	33	More than 30 hrs	3	7	9	0	81	3	446	2								
	Total		46	100	2,647	100	3,214	100	23,385	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											6.2	4.4	.23	6.8	-.06	6.0	.02
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	17	37	1,438	54	1,796	56	12,512	54	3.6	2.1	.42	2.4 * ▲	.31	2.4 * ▲	.29
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	50	976	37	1,016	32	8,171	35							
	8	6-10 hrs	1	2	138	5	219	7	1,474	6								
	13	11-15 hrs	2	4	47	2	82	3	560	2								
	18	16-20 hrs	2	4	24	1	51	2	329	1								
	23	21-25 hrs	0	0	11	0	19	1	138	1								
	28	26-30 hrs	1	2	2	0	3	0	44	0								
	33	More than 30 hrs	0	0	5	0	6	0	63	0								
	Total		46	100	2,641	100	3,192	100	23,291	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	24	1	57	2	376	2	13.7	12.3	.17	11.7	.24	11.7	.24
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	17	520	20	783	24	5,326	23							
	8	6-10 hrs	13	28	758	29	876	27	6,731	29								
	13	11-15 hrs	9	20	590	22	631	20	4,793	21								
	18	16-20 hrs	5	11	370	14	401	13	2,947	13								
	23	21-25 hrs	6	13	165	6	201	6	1,417	6								
	28	26-30 hrs	2	4	82	3	92	3	652	3								
	33	More than 30 hrs	3	7	130	5	163	5	1,131	5								
	Total		46	100	2,639	100	3,204	100	23,373	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

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				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your first-year students compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	29	63	2,363	89	2,418	75	18,822	80	2.5	.9 * ▲	.44	2.2	.05	1.8	.14
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	20	150	6	399	12	2,289	10							
		8	6-10 hrs	5	11	59	2	160	5	893	4							
		13	11-15 hrs	2	4	30	1	90	3	524	2							
		18	16-20 hrs	0	0	26	1	58	2	326	1							
		23	21-25 hrs	1	2	10	0	30	1	174	1							
		28	26-30 hrs	0	0	3	0	11	0	69	0							
		33	More than 30 hrs	0	0	10	0	43	1	285	1							
		Total			46	100	2,651	100	3,209	100	23,382							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	22	48	1,409	53	1,151	36	10,495	45	3.8	2.4	.37	4.1	-.04	3.4	.09
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	30	956	36	1,293	40	8,520	36							
		8	6-10 hrs	6	13	180	7	454	14	2,629	11							
		13	11-15 hrs	1	2	63	2	180	6	950	4							
		18	16-20 hrs	1	2	27	1	75	2	432	2							
		23	21-25 hrs	1	2	9	0	29	1	184	1							
		28	26-30 hrs	0	0	6	0	14	0	80	0							
		33	More than 30 hrs	1	2	8	0	26	1	170	1							
		Total			46	100	2,658	100	3,222	100	23,460							
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	7	15	261	10	461	14	2,783	12	2.6	2.8	-.15	2.6	.01	2.7	-.07
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)		2	Some	17	37	912	34	1,144	36	8,274	35							
	3	About half	11	24	788	30	932	29	6,832	29								
	4	Most	8	17	533	20	510	16	4,191	18								
	5	Almost all	3	7	168	6	161	5	1,345	6								
			Total	46	100	2,662	100	3,208	100	23,425	100							
tmreadinghrs												6.7	8.6 * ▼	-.31	6.3	.07	7.3	-.10
(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)																		

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with					
		GLC Peers											Carnegie Peers		NSSE 2015 & 2016			
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	7	0	10	0	70	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	24	52	912	34	1,720	54	10,768	46							
		3	More than 5, up to 10 hrs	13	28	915	35	871	27	6,988	30							
		4	More than 10, up to 15 hrs	3	7	420	16	330	10	2,764	12							
		5	More than 15, up to 20 hrs	4	9	209	8	143	4	1,389	6							
		6	More than 20, up to 25 hrs	2	4	134	5	95	3	997	4							
		7	More than 25 hrs	0	0	49	2	29	1	354	2							
			Total		46	100	2,646	100	3,198	100	23,330	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	4	9	275	10	268	8	2,035	9	2.6	2.7	-.06	2.8	-.18	2.8	-.16
		2	Some	17	38	805	30	873	27	6,493	28							
		3	Quite a bit	15	33	1,032	39	1,307	40	9,486	40							
		4	Very much	9	20	553	21	782	24	5,513	23							
		Total		45	100	2,665	100	3,230	100	23,527	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	9	20	446	17	393	12	3,128	13	2.6	2.5	.11	2.6	-.10	2.6	-.04
		2	Some	12	27	952	36	1,028	32	7,706	33							
		3	Quite a bit	14	31	859	32	1,117	35	8,226	35							
		4	Very much	10	22	400	15	677	21	4,406	19							
		Total		45	100	2,657	100	3,215	100	23,466	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	4	74	3	112	3	753	3	3.0	3.2	-.20	3.1	-.10	3.1	-.15
		2	Some	10	22	445	17	611	19	4,141	18							
		3	Quite a bit	19	42	1,111	42	1,403	44	10,029	43							
		4	Very much	14	31	1,028	39	1,096	34	8,554	36							
		Total		45	100	2,658	100	3,222	100	23,477	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	11	191	7	248	8	1,822	8	2.9	2.9	.02	2.8	.07	2.8	.07
		2	Some	9	20	682	26	858	27	6,304	27							
		3	Quite a bit	16	36	994	37	1,248	39	9,014	38							
		4	Very much	15	33	791	30	864	27	6,341	27							
		Total		45	100	2,658	100	3,218	100	23,481	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	12	27	379	14	567	18	3,747	16	2.4	2.6	-.22	2.5	-.11	2.5	-.17
		2	Some	13	29	915	34	1,155	36	8,112	35							
		3	Quite a bit	12	27	841	32	933	29	7,353	31							
		4	Very much	8	18	523	20	563	17	4,250	18							
		Total	45	100	2,658	100	3,218	100	23,462	100								
f. Working effectively with others	pgothers	1	Very little	2	4	204	8	244	8	1,680	7	2.8	2.8	.01	2.8	-.01	2.8	-.04
		2	Some	16	36	824	31	961	30	6,715	29							
		3	Quite a bit	17	38	1,024	38	1,240	39	9,321	40							
		4	Very much	10	22	609	23	769	24	5,765	25							
		Total	45	100	2,661	100	3,214	100	23,481	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	7	16	363	14	508	16	3,140	13	2.4	2.7	-.26	2.6	-.15	2.7	-.23
		2	Some	18	40	761	29	976	30	6,839	29							
		3	Quite a bit	13	29	835	31	1,067	33	8,104	35							
		4	Very much	7	16	702	26	673	21	5,387	23							
		Total	45	100	2,661	100	3,224	100	23,470	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	9	345	13	402	12	2,785	12	2.8	2.7	.15	2.7	.13	2.7	.11
		2	Some	12	27	823	31	984	31	6,952	30							
		3	Quite a bit	16	36	838	32	1,034	32	7,935	34							
		4	Very much	12	27	649	24	805	25	5,806	25							
		Total	44	100	2,655	100	3,225	100	23,478	100								
i. Solving complex real- world problems	pgprobsolve	1	Very little	7	16	321	12	422	13	2,962	13	2.6	2.6	.00	2.6	.04	2.6	.01
		2	Some	12	27	899	34	1,117	35	7,943	34							
		3	Quite a bit	16	36	918	34	1,073	33	7,979	34							
		4	Very much	9	20	524	20	608	19	4,601	20							
		Total	44	100	2,662	100	3,220	100	23,485	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	10	23	344	13	471	15	3,306	14	2.5	2.6	-.15	2.5	-.08	2.6	-.13
		2	Some	10	23	891	34	1,129	35	7,744	33							
		3	Quite a bit	16	37	864	33	1,008	31	7,696	33							
		4	Very much	7	16	553	21	598	19	4,663	20							
		Total	43	100	2,652	100	3,206	100	23,409	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k									
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your first-year students compared with								
Item wording or description	Variable name ^l	Values ^m	Response options										Count	%	Count	%	Count	%	Count	%	Mean
18. How would you evaluate your entire educational experience at this institution?																					
		evalexp	1	Poor	1	2	37	1	49	2	379	2	3.2	3.4	-.27	3.1	.07	3.2	-.05		
			2	Fair	3	7	205	8	463	14	2,723	12									
			3	Good	28	61	1,143	43	1,691	52	11,543	49									
			4	Excellent	14	30	1,296	48	1,029	32	8,969	38									
			Total		46	100	2,681	100	3,232	100	23,614	100									
19. If you could start over again, would you go to the same institution you are now attending?																					
		sameinst	1	Definitely no	2	4	77	3	126	4	905	4	3.1	3.3	-.27	3.1	-.02	3.2	-.10		
			2	Probably no	5	11	255	10	457	14	2,908	12									
			3	Probably yes	24	52	1,039	39	1,466	45	10,170	43									
			4	Definitely yes	15	33	1,310	49	1,188	37	9,655	41									
			Total		46	100	2,681	100	3,237	100	23,638	100									

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k											
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your seniors compared with										
Item wording or description	Variable name ^l	Values ^m	Response options										Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ
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	0	0	74	2	83	2	655	2	3.1	3.1	.04	3.1	.02	3.1	.02					
		2	Sometimes	30	30	821	27	1,012	26	6,909	26												
		3	Often	31	31	1,010	33	1,253	33	8,459	32												
		4	Very often	40	40	1,155	38	1,492	39	10,318	39												
		Total	101	100	3,060	100	3,840	100	26,341	100													
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	19	19	764	25	830	22	5,856	22	2.4	2.3	.12	2.4	-.01	2.4	.03					
		2	Sometimes	37	37	1,145	38	1,335	35	9,558	36												
		3	Often	31	31	723	24	1,017	27	6,546	25												
		4	Very often	13	13	414	14	651	17	4,302	16												
		Total	100	100	3,046	100	3,833	100	26,262	100													
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	6	6	210	7	193	5	1,574	6	3.0	2.9 * ▲	.22	3.0	.00	3.0	.09					
		2	Often	10	10	556	18	500	13	3,754	14												
		3	Sometimes	57	58	1,743	57	2,131	56	15,049	57												
		4	Never	25	26	540	18	1,001	26	5,875	22												
		Total	98	100	3,049	100	3,825	100	26,252	100													
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	41	41	750	25	1,863	49	10,221	39	1.9	2.1 ** ▽	-.28	1.7	.20	1.9	.00					
		2	Sometimes	35	35	1,443	47	1,411	37	10,807	41												
		3	Often	20	20	606	20	362	9	3,509	13												
		4	Very often	4	4	248	8	189	5	1,706	7												
		Total	100	100	3,047	100	3,825	100	26,243	100													
e. Asked another student to help you understand course material	CLaskhelp	1	Never	8	8	174	6	316	8	2,082	8	2.6	2.7	-.08	2.6	.03	2.6	.00					
		2	Sometimes	39	39	1,175	39	1,570	41	10,423	40												
		3	Often	34	34	1,053	35	1,219	32	8,600	33												
		4	Very often	19	19	642	21	722	19	5,145	20												
		Total	100	100	3,044	100	3,827	100	26,250	100													
f. Explained course material to one or more students	CLexplain	1	Never	1	1	42	1	78	2	524	2	3.0	3.0	-.02	3.0	-.02	3.0	-.03					
		2	Sometimes	28	28	849	28	1,052	27	7,110	27												
		3	Often	44	44	1,248	41	1,552	41	10,642	41												
		4	Very often	27	27	901	30	1,148	30	7,963	30												
		Total	100	100	3,040	100	3,830	100	26,239	100													

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with						
		NSSEville State										GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	14	14	295	10	475	12	3,011	11	2.7	2.7	-.04	2.7	-.02	2.7	-.03
		2	Sometimes	29	29	1,067	35	1,268	33	8,725	33							
		3	Often	34	34	971	32	1,092	28	7,872	30							
		4	Very often	23	23	722	24	999	26	6,682	25							
		Total	100	100	3,055	100	3,834	100	26,290	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	5	5	117	4	175	5	1,235	5	2.9	2.9	.04	2.9	.05	2.9	.07
		2	Sometimes	24	24	970	32	1,182	31	8,383	32							
		3	Often	46	46	1,147	38	1,445	38	9,668	37							
		4	Very often	25	25	814	27	1,036	27	7,001	27							
		Total	100	100	3,048	100	3,838	100	26,287	100								
i. Given a course presentation	present	1	Never	5	5	272	9	443	12	2,775	11	2.8	2.6 *	.22	2.6 *	.25	2.6 *	.22
		2	Sometimes	33	33	1,194	39	1,427	37	9,693	37							
		3	Often	38	38	989	32	1,207	31	8,481	32							
		4	Very often	25	25	589	19	755	20	5,321	20							
		Total	101	100	3,044	100	3,832	100	26,270	100								
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	5	5	59	2	118	3	711	3	2.9	3.0	-.09	3.0	-.11	3.0	-.11
		2	Sometimes	26	26	827	27	979	26	6,870	26							
		3	Often	44	44	1,298	43	1,544	40	10,688	41							
		4	Very often	26	26	866	28	1,185	31	8,004	30							
		Total	101	100	3,050	100	3,826	100	26,273	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	11	11	223	7	389	10	2,118	8	2.7	2.7	-.06	2.6	.04	2.7	-.03
		2	Sometimes	35	35	1,056	35	1,406	37	9,405	36							
		3	Often	32	32	1,115	37	1,258	33	9,059	35							
		4	Very often	23	23	649	21	756	20	5,606	21							
		Total	101	100	3,043	100	3,809	100	26,188	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	11	11	419	14	783	21	4,228	16	2.5	2.5	.06	2.3 *	.24	2.4	.11
		2	Sometimes	40	40	1,266	42	1,627	43	10,835	41							
		3	Often	35	35	890	29	914	24	7,111	27							
		4	Very often	14	14	466	15	494	13	4,020	15							
		Total	100	100	3,041	100	3,818	100	26,194	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your seniors compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	5	5	183	6	296	8	1,585	6	2.8	2.8	.06	2.7	.13	2.8	.06
		2	Sometimes	25	25	997	33	1,302	34	8,622	33							
		3	Often	55	54	1,239	41	1,473	39	10,498	40							
		4	Very often	16	16	625	21	738	19	5,462	21							
		Total	101	100	3,044	100	3,809	100	26,167	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	3	3	125	4	208	5	1,185	5	3.0	2.9	.13	2.8	.18	2.9	.13
		2	Sometimes	22	22	907	30	1,156	30	7,699	29							
		3	Often	51	50	1,261	42	1,563	41	10,764	41							
		4	Very often	25	25	744	24	881	23	6,516	25							
		Total	101	100	3,037	100	3,808	100	26,164	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	3	62	2	131	3	688	3	2.9	3.0	-.07	2.9	.06	2.9	.01
		2	Sometimes	31	31	776	26	1,129	30	7,502	29							
		3	Often	37	37	1,356	45	1,612	42	11,169	43							
		4	Very often	30	30	847	28	940	25	6,805	26							
		Total	101	100	3,041	100	3,812	100	26,164	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	1	27	1	52	1	319	1	3.1	3.2 *	-.21	3.2	-.13	3.2	-.16
		2	Sometimes	23	23	455	15	661	17	4,250	16							
		3	Often	44	44	1,330	44	1,666	44	11,491	44							
		4	Very often	33	33	1,214	40	1,438	38	10,052	38							
		Total	101	100	3,026	100	3,817	100	26,112	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	9	9	335	11	470	12	3,131	12	2.8	2.6	.20	2.6	.17	2.6	.16
		2	Sometimes	35	35	1,239	41	1,485	39	9,994	38							
		3	Often	29	29	862	28	1,035	27	7,308	28							
		4	Very often	28	28	604	20	839	22	5,764	22							
		Total	101	100	3,040	100	3,829	100	26,197	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	26	26	846	28	1,345	35	8,437	32	2.3	2.3	.06	2.2	.15	2.2	.11
		2	Sometimes	36	36	1,046	34	1,126	29	8,131	31							
		3	Often	19	19	643	21	728	19	5,276	20							
		4	Very often	20	20	503	17	619	16	4,319	17							
		Total	101	100	3,038	100	3,818	100	26,163	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your seniors compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	13	13	487	16	671	18	4,528	17	2.6	2.4 *	.20	2.4	.17	2.4 *	.20
		2	Sometimes	31	31	1,261	42	1,492	39	10,504	40							
		3	Often	40	40	833	27	970	25	6,833	26							
		4	Very often	17	17	456	15	686	18	4,294	16							
		Total	101	100	3,037	100	3,819	100	26,159	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	15	15	711	23	717	19	5,206	20	2.6	2.2 ***	.49	2.3 **	.28	2.3 ***	.34
		2	Sometimes	28	28	1,401	46	1,624	43	11,509	44							
		3	Often	39	39	612	20	910	24	5,932	23							
		4	Very often	19	19	307	10	570	15	3,478	13							
		Total	101	100	3,031	100	3,821	100	26,125	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	2	2	195	6	155	4	1,169	4	3.2	2.9 **	.29	3.0	.15	3.0	.16
		2	Some	16	16	784	26	893	23	5,937	23							
		3	Quite a bit	47	47	1,185	39	1,459	38	10,346	39							
		4	Very much	36	36	876	29	1,321	35	8,784	33							
		Total	101	100	3,040	100	3,828	100	26,236	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	63	2	92	2	595	2	3.3	3.2	.17	3.2	.14	3.2	.17
		2	Some	11	11	436	14	589	15	4,127	16							
		3	Quite a bit	46	46	1,386	46	1,567	41	11,145	43							
		4	Very much	43	43	1,149	38	1,574	41	10,328	39							
		Total	100	100	3,034	100	3,822	100	26,195	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	5	107	4	166	4	964	4	3.1	3.0	.07	3.1	.00	3.1	.01
		2	Some	16	16	654	22	708	19	5,162	20							
		3	Quite a bit	41	42	1,258	42	1,525	40	10,456	40							
		4	Very much	36	37	1,010	33	1,423	37	9,555	37							
		Total	98	100	3,029	100	3,822	100	26,137	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	3	261	9	340	9	2,125	8	3.0	2.8 *	.22	2.8 *	.20	2.8	.17
		2	Some	23	23	904	30	1,122	29	7,365	28							
		3	Quite a bit	47	47	1,134	37	1,379	36	9,842	38							
		4	Very much	26	26	728	24	972	25	6,814	26							
		Total	99	100	3,027	100	3,813	100	26,146	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		Your seniors compared with					
														GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	8	8	164	5	235	6	1,484	6	3.0	2.9	.14	2.9	.11	2.9	.10	
		2	Some	18	18	813	27	951	25	6,632	25								
		3	Quite a bit	40	40	1,248	41	1,546	40	10,417	40								
		4	Very much	35	35	807	27	1,089	29	7,590	29								
		Total	101	100	3,032	100	3,821	100	26,123	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	0	0	33	1	67	2	429	2	3.3	3.2	.15	3.2	.10	3.2	.12	
		2	Some	13	13	446	15	609	16	3,993	15								
		3	Quite a bit	45	45	1,502	49	1,605	42	11,796	45								
		4	Very much	42	42	1,069	35	1,561	41	10,079	38								
		Total	100	100	3,050	100	3,842	100	26,297	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	3	37	1	106	3	581	2	3.2	3.1	.04	3.1	.06	3.1	.06	
		2	Some	14	14	452	15	666	17	4,406	17								
		3	Quite a bit	45	45	1,580	52	1,691	44	12,214	46								
		4	Very much	38	38	979	32	1,373	36	9,068	35								
		Total	100	100	3,048	100	3,836	100	26,269	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	2	44	1	85	2	585	2	3.3	3.3	.02	3.2	.04	3.2	.04	
		2	Some	14	14	389	13	584	15	3,755	14								
		3	Quite a bit	39	39	1,348	44	1,481	39	10,682	41								
		4	Very much	45	45	1,261	41	1,679	44	11,201	43								
		Total	100	100	3,042	100	3,829	100	26,223	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	7	7	360	12	413	11	2,865	11	2.9	2.6 * ▲	.23	2.8	.11	2.7	.15	
		2	Some	30	30	997	33	1,135	30	8,035	31								
		3	Quite a bit	34	34	1,034	34	1,267	33	8,827	34								
		4	Very much	30	30	638	21	1,011	26	6,486	25								
		Total	101	100	3,029	100	3,826	100	26,213	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	5	5	194	6	266	7	1,781	7	2.9	2.8	.11	2.9	.02	2.9	.06	
		2	Some	26	26	883	29	963	25	7,085	27								
		3	Quite a bit	44	44	1,271	42	1,542	40	10,524	40								
		4	Very much	26	26	679	22	1,050	27	6,757	26								
		Total	101	100	3,027	100	3,821	100	26,147	100									

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				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your seniors compared with										
Item wording or description	Variable name ⁱ	Values ^m	Response options										Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ
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	4	4	120	4	146	4	1,145	4	3.0	3.0	-.07	3.0	-.07	3.0	-.03					
		2	Sometimes	27	27	693	23	886	23	6,300	24												
		3	Often	37	37	1,182	39	1,482	39	10,085	38												
		4	Very often	33	33	1,053	35	1,327	35	8,773	33												
		Total	101	100	3,048	100	3,841	100	26,303	100													
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	5	5	393	13	545	14	3,697	14	2.8	2.6	.14	2.6	.15	2.6	.17					
		2	Sometimes	35	35	1,023	34	1,249	33	8,748	33												
		3	Often	37	37	915	30	1,143	30	7,872	30												
		4	Very often	23	23	718	24	904	24	5,969	23												
		Total	100	100	3,049	100	3,841	100	26,286	100													
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	8	8	239	8	398	10	2,562	10	2.7	2.8	-.12	2.7	.02	2.7	-.01					
		2	Sometimes	37	37	898	29	1,269	33	8,489	32												
		3	Often	31	31	1,090	36	1,299	34	9,029	34												
		4	Very often	24	24	821	27	868	23	6,185	24												
		Total	100	100	3,048	100	3,834	100	26,265	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 (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	7	7	173	6	293	8	1,809	7	7.9	7.5	.07	6.8	.17	7.2	.11					
		1.5	1-2	16	16	544	18	863	23	5,268	20												
		4	3-5	22	22	882	29	1,042	28	7,289	28												
		8	6-10	27	28	665	22	701	19	5,361	21												
		13	11-15	12	12	345	11	397	11	2,658	10												
		18	16-20	7	7	197	7	178	5	1,360	5												
		23	More than 20	7	7	207	7	259	7	1,953	8												
		Total	98	100	3,013	100	3,733	100	25,698	100													
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	16	16	671	23	1,041	28	6,089	24	4.0	3.0 *	.26	2.9 **	.27	3.1 *	.22					
		1.5	1-2	38	38	1,190	40	1,370	37	9,588	38												
		4	3-5	25	25	707	24	773	21	6,041	24												
		8	6-10	11	11	272	9	345	9	2,407	9												
		13	11-15	6	6	78	3	103	3	787	3												
		18	16-20	3	3	26	1	43	1	266	1												
		23	More than 20	1	1	30	1	38	1	303	1												
		Total	100	100	2,974	100	3,713	100	25,481	100													

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

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												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	35	36	1,213	41	1,965	54	11,801	47	2.7	1.6 ** ▲	.40	1.4 ** ▲	.45	1.6 * ▲	.34
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	34	35	1,281	44	1,207	33	9,491	38							
	4	3-5	15	15	306	10	278	8	2,329	9								
	8	6-10	9	9	76	3	103	3	744	3								
	13	11-15	2	2	24	1	45	1	332	1								
	18	16-20	2	2	16	1	16	0	137	1								
	23	More than 20	1	1	15	1	21	1	214	1								
	Total		98	100	2,931	100	3,635	100	25,048	100								
Estimated number of assigned pages of student writing.	wrpages											93.3	69.2 * ▲	.33	63.5 ** ▲	.39	69.5 * ▲	.30
(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	2	2	119	4	211	6	1,315	5	3.1	3.1	-.02	3.1	.01	3.1	-.01
	2	Sometimes	26	26	756	25	971	25	6,603	25								
	3	Often	36	36	941	31	1,055	28	7,465	28								
	4	Very often	36	36	1,242	41	1,599	42	10,943	42								
	Total		100	100	3,058	100	3,836	100	26,326	100								
b. People from an economic background other than your own	DDeconomic	1	Never	2	2	88	3	151	4	1,060	4	3.1	3.1	.00	3.1	.03	3.1	.02
	2	Sometimes	22	22	699	23	879	23	5,842	22								
	3	Often	39	39	1,046	34	1,294	34	8,999	34								
	4	Very often	37	37	1,215	40	1,506	39	10,363	39								
	Total		100	100	3,048	100	3,830	100	26,264	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	3	3	273	9	218	6	1,511	6	3.0	2.9	.08	3.1	-.06	3.0	-.03
	2	Sometimes	28	28	797	26	910	24	6,397	24								
	3	Often	34	34	850	28	1,115	29	7,920	30								
	4	Very often	35	35	1,130	37	1,586	41	10,433	40								
	Total		100	100	3,050	100	3,829	100	26,261	100								
d. People with political views other than your own	DDpolitical	1	Never	5	5	160	5	214	6	1,412	5	3.0	2.9	.11	3.0	-.02	3.0	.00
	2	Sometimes	26	27	954	31	927	24	6,663	25								
	3	Often	30	31	928	31	1,220	32	8,355	32								
	4	Very often	37	38	999	33	1,458	38	9,765	37								
	Total		98	100	3,041	100	3,819	100	26,195	100								

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				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your seniors compared with						
												GLC Peers	Carnegie Peers	NSSE 2015 & 2016				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	1	1	64	2	98	3	575	2	3.2	3.2	-.01	3.2	.04	3.2	.00
		2	Sometimes	16	16	487	16	655	17	4,161	16							
		3	Often	42	43	1,214	40	1,540	40	10,542	40							
		4	Very often	39	40	1,288	42	1,543	40	11,010	42							
		Total	98	100	3,053	100	3,836	100	26,288	100								
b. Reviewed your notes after class	LSnotes	1	Never	6	6	269	9	201	5	1,715	7	2.9	2.7 *	.24	3.0	-.06	2.9	.04
		2	Sometimes	27	28	1,112	37	991	26	7,694	29							
		3	Often	31	32	855	28	1,215	32	7,963	30							
		4	Very often	34	35	810	27	1,421	37	8,868	34							
		Total	98	100	3,046	100	3,828	100	26,240	100								
c. Summarized what you learned in class or from course materials	LSummary	1	Never	11	11	218	7	245	6	1,759	7	2.9	2.8	.15	2.9	.00	2.9	.04
		2	Sometimes	16	16	995	33	1,034	27	7,313	28							
		3	Often	41	41	997	33	1,278	34	8,951	34							
		4	Very often	31	31	810	27	1,252	33	8,051	31							
		Total	99	100	3,020	100	3,809	100	26,074	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	0	0	8	0	33	1	147	1	5.7	5.6	.10	5.7	-.01	5.7	.05
		2	1	1	26	1	51	1	258	1								
		3	1	1	81	3	94	2	732	3								
		4	12	12	217	7	273	7	2,100	8								
		5	26	26	978	32	983	26	7,475	28								
		6	29	29	1,103	36	1,205	31	8,577	33								
		7	Very much	30	30	635	21	1,197	31	6,966	27							
		Total	99	100	3,048	100	3,836	100	26,255	100								
11. Which of the following have you done or do you plan to do before you graduate? ^o																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	6	6	141	5	342	9	1,971	7	47%	65% ***	-.36	44%	.07	53%	-.12	
		Do not plan to do	15	15	473	15	720	19	4,397	17								
		Plan to do	31	31	451	15	1,090	28	5,874	22								
		Done or in progress	47	47	1,989	65	1,685	44	14,047	53								
		Total	99	100	3,054	100	3,837	100	26,289	100								
(Means indicate the percentage who responded "Done or in progress.")																		

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			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with							
											NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	8	8	123	4	350	9	1,984	8	36%	61% *** ▼	-.49	38%	-.04	47% * ▼	-.22
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	44	44	906	30	1,738	45	10,179	39								
	Plan to do	11	11	171	6	273	7	1,710	7									
	Done or in progress	36	36	1,844	61	1,466	38	12,365	47									
	Total	99	100	3,044	100	3,827	100	26,238	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	11	11	207	7	475	12	2,793	11	19%	25%	-.17	23%	-.10	26%	-.18
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	54	56	1,919	63	2,155	56	14,730	56								
	Plan to do	14	14	146	5	330	9	1,919	7									
	Done or in progress	18	19	773	25	864	23	6,777	26									
	Total	97	100	3,045	100	3,824	100	26,219	100									
d. Participate in a study abroad program	abroad		Have not decided	17	17	145	5	474	12	2,545	10	11%	30% *** ▼	-.47	11%	.01	19% * ▼	-.22
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	65	66	1,856	61	2,651	69	16,912	65								
	Plan to do	6	6	138	5	278	7	1,766	7									
	Done or in progress	11	11	898	30	414	11	4,961	19									
	Total	99	100	3,037	100	3,817	100	26,184	100									
e. Work with a faculty member on a research project	research		Have not decided	7	7	130	4	470	12	2,446	9	55%	62%	-.13	43% * ▲	.24	50%	.11
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	22	22	751	25	1,078	28	7,176	27								
	Plan to do	15	15	286	9	635	17	3,576	14									
	Done or in progress	54	55	1,871	62	1,643	43	12,975	50									
	Total	98	100	3,038	100	3,826	100	26,173	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	13	13	164	5	385	10	2,093	8	39%	52% * ▼	-.26	43%	-.09	49% * ▼	-.21
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	30	31	842	28	901	24	6,348	24								
	Plan to do	17	17	468	15	895	23	4,875	19									
	Done or in progress	38	39	1,570	52	1,643	43	12,901	49									
	Total	98	100	3,044	100	3,824	100	26,217	100									

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

servcourse	1	None	39	39	1,581	52	1,798	47	12,003	46	1.7	1.5 ** ▲	.31	1.6	.16	1.6	.16
	2	Some	53	53	1,361	45	1,806	47	12,826	49							
	3	Most	7	7	84	3	186	5	1,196	5							
	4	All	1	1	19	1	35	1	209	1							
	Total		100	100	3,045	100	3,825	100	26,234	100							

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				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	1	1	22	1	53	1	303	1	5.5	5.7	-.15	5.6	-.06	5.6	-.08
		2		1	1	35	1	63	2	413	2							
		3		4	4	122	4	154	4	1,057	4							
		4		11	11	231	8	360	9	2,381	9							
		5		25	25	728	24	929	24	6,378	24							
		6		37	37	1,001	33	1,148	30	7,921	30							
		7	Excellent	21	21	912	30	1,113	29	7,790	30							
		—	Not applicable	0	0	4	0	24	1	91	0							
		Total		100	100	3,055	100	3,844	100	26,334	100							
b. Academic advisors	QIadvisor	1	Poor	7	7	124	4	216	6	1,265	5	5.3	5.2	.05	5.1	.08	5.2	.02
		2		8	8	169	6	212	6	1,315	5							
		3		3	3	245	8	307	8	1,942	7							
		4		7	7	366	12	458	12	3,035	12							
		5		17	17	587	19	699	18	4,673	18							
		6		21	21	656	21	743	19	5,535	21							
		7	Excellent	35	35	882	29	1,151	30	8,294	32							
		—	Not applicable	2	2	25	1	50	1	245	1							
		Total		100	100	3,054	100	3,836	100	26,304	100							
c. Faculty	QIfaculty	1	Poor	0	0	23	1	53	1	362	1	5.8	5.6	.17	5.6 *	.18	5.6	.18
		2		1	1	37	1	86	2	512	2							
		3		4	4	124	4	164	4	1,092	4							
		4		5	5	289	10	411	11	2,651	10							
		5		26	27	757	25	860	22	6,018	23							
		6		29	30	1,056	35	1,129	30	8,151	31							
		7	Excellent	33	34	747	25	1,099	29	7,300	28							
		—	Not applicable	0	0	4	0	24	1	96	0							
		Total		98	100	3,037	100	3,826	100	26,182	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	Your seniors compared with						
												GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	7	7	123	4	196	5	1,333	5	5.0	4.8	.07	4.8	.09	4.8	.08
		2		4	4	145	5	188	5	1,333	5							
		3		6	6	279	9	274	7	2,048	8							
		4		6	6	508	17	564	15	3,800	14							
		5		21	21	730	24	722	19	5,414	21							
		6		26	26	629	21	659	17	4,969	19							
		7	Excellent	14	14	461	15	586	15	4,058	15							
		—	Not applicable	16	16	174	6	640	17	3,282	13							
	Total	100	100	3,049	100	3,829	100	26,237	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	8	8	144	5	214	6	1,503	6	4.9	4.7	.14	4.8	.09	4.8	.11
		2		3	3	159	5	225	6	1,553	6							
		3		8	8	308	10	333	9	2,385	9							
		4		9	9	557	18	611	16	4,316	16							
		5		28	29	756	25	857	22	5,953	23							
		6		19	19	562	18	797	21	5,328	20							
		7	Excellent	21	21	421	14	632	16	4,193	16							
		—	Not applicable	2	2	145	5	168	4	1,054	4							
	Total	98	100	3,052	100	3,837	100	26,285	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	4	4	29	1	72	2	441	2	3.1	3.4 ** ▼	-.32	3.2	-.13	3.3	-.17
		2	Some	16	16	320	10	552	14	3,498	13							
		3	Quite a bit	43	43	1,240	41	1,625	42	11,235	43							
		4	Very much	37	37	1,467	48	1,577	41	11,076	42							
		Total	100	100	3,056	100	3,826	100	26,250	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	5	98	3	188	5	1,105	4	3.0	3.0	-.03	3.0	-.02	3.0	-.05
		2	Some	20	20	688	23	811	21	5,586	21							
		3	Quite a bit	45	46	1,364	45	1,642	43	11,159	43							
		4	Very much	28	29	888	29	1,163	31	8,268	32							
		Total	98	100	3,038	100	3,804	100	26,118	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	7	7	170	6	274	7	1,595	6	2.9	2.9	-.04	2.9	-.05	3.0	-.10
		2	Some	27	27	739	24	872	23	5,801	22							
		3	Quite a bit	35	35	1,264	42	1,452	38	10,144	39							
		4	Very much	31	31	868	29	1,219	32	8,608	33							
		Total	100	100	3,041	100	3,817	100	26,148	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	11	11	527	17	703	18	4,448	17	2.7	2.5 *	.22	2.5	.17	2.5	.15
		2	Some	34	34	1,112	37	1,241	32	8,717	33							
		3	Quite a bit	31	31	851	28	1,111	29	7,640	29							
		4	Very much	24	24	552	18	766	20	5,376	21							
		Total	100	100	3,042	100	3,821	100	26,181	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	1	159	5	316	8	1,768	7	3.1	3.0	.10	2.8 **	.23	2.9 *	.17
		2	Some	23	23	705	23	1,019	27	6,649	25							
		3	Quite a bit	46	46	1,261	41	1,456	38	10,229	39							
		4	Very much	30	30	917	30	1,029	27	7,512	29							
		Total	100	100	3,042	100	3,820	100	26,158	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	6	6	179	6	386	10	2,339	9	2.9	2.9	-.06	2.8	.08	2.8	.03
		2	Some	28	28	767	25	1,028	27	6,686	26							
		3	Quite a bit	38	38	1,216	40	1,399	37	9,907	38							
		4	Very much	27	27	874	29	997	26	7,225	28							
		Total	99	100	3,036	100	3,810	100	26,157	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	28	29	885	29	1,382	36	8,683	33	2.2	2.1	.10	2.0	.17	2.1	.13
		2	Some	35	36	1,215	40	1,323	35	9,552	37							
		3	Quite a bit	22	22	664	22	713	19	5,219	20							
		4	Very much	13	13	273	9	397	10	2,693	10							
		Total	98	100	3,037	100	3,815	100	26,147	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	7	7	226	7	529	14	2,845	11	2.8	2.8	-.05	2.6	.20	2.7	.07
		2	Some	30	30	789	26	1,210	32	7,440	28							
		3	Quite a bit	38	38	1,254	41	1,294	34	9,615	37							
		4	Very much	24	24	769	25	773	20	6,215	24							
		Total	99	100	3,038	100	3,806	100	26,115	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	7	7	404	13	765	20	4,610	18	2.7	2.5 *	.22	2.4 ***	.38	2.4 **	.30
		2	Some	35	36	1,123	37	1,451	38	9,552	37							
		3	Quite a bit	34	35	1,007	33	1,050	28	7,800	30							
		4	Very much	22	22	496	16	537	14	4,129	16							
		Total	98	100	3,030	100	3,803	100	26,091	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors^a in
Sci & Math

Frequency Distributions												Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with						
NSSEville State		GLC Peers										Carnegie Peers		NSSE 2015 & 2016				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	0	0	6	0	12	0	72	0	16.0	18.1 *	-.23	16.5	-.05	16.8	-.09
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	12	215	7	394	10	2,451	9							
		8	6-10 hrs	20	20	489	16	806	21	5,104	19							
		13	11-15 hrs	21	21	590	19	699	18	5,105	19							
		18	16-20 hrs	14	14	604	20	717	19	5,004	19							
		23	21-25 hrs	16	16	411	13	454	12	3,359	13							
		28	26-30 hrs	10	10	298	10	316	8	2,139	8							
		33	More than 30 hrs	7	7	433	14	427	11	3,019	11							
			Total	100	100	3,046	100	3,825	100	26,253	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	38	38	522	17	1,530	40	8,310	32	6.0	7.1	-.16	4.5	.22	5.8	.03
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	26	26	1,115	37	1,265	33	8,663	33							
		8	6-10 hrs	16	16	673	22	502	13	4,148	16							
		13	11-15 hrs	7	7	335	11	242	6	2,207	8							
		18	16-20 hrs	3	3	207	7	119	3	1,378	5							
		23	21-25 hrs	4	4	93	3	74	2	718	3							
		28	26-30 hrs	3	3	40	1	27	1	319	1							
		33	More than 30 hrs	2	2	45	1	52	1	393	2							
			Total	99	100	3,030	100	3,811	100	26,136	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	79	79	1,283	42	2,489	65	14,580	56	1.8	6.2 ***	-.62	4.3 ***	-.34	5.1 ***	-.45
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	6	374	12	239	6	2,312	9							
		8	6-10 hrs	9	9	617	20	373	10	3,742	14							
		13	11-15 hrs	4	4	360	12	309	8	2,421	9							
		18	16-20 hrs	1	1	309	10	269	7	2,063	8							
		23	21-25 hrs	1	1	55	2	77	2	589	2							
		28	26-30 hrs	0	0	19	1	22	1	242	1							
		33	More than 30 hrs	0	0	28	1	44	1	262	1							
			Total	100	100	3,045	100	3,822	100	26,211	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

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Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	36	36	2,231	74	1,746	46	14,437	55	12.1	3.5 *** ▲	1.14	10.2	.16	7.9 *** ▲	.38
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	5	184	6	223	6	1,503	6							
	8	6-10 hrs	8	8	185	6	293	8	1,798	7								
	13	11-15 hrs	11	11	135	4	266	7	1,700	7								
	18	16-20 hrs	12	12	129	4	375	10	2,154	8								
	23	21-25 hrs	11	11	75	2	307	8	1,585	6								
	28	26-30 hrs	8	8	38	1	211	6	1,043	4								
	33	More than 30 hrs	9	9	50	2	381	10	1,870	7								
	Total			100	100	3,027	100	3,802	100	26,090	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											14.0	9.6 *** ▲	.43	14.4	-.04	13.0	.08
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	46	46	1,243	41	1,868	49	11,895	46	3.2	3.0	.05	2.9	.07	3.0	.05
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	30	1,355	45	1,380	36	10,284	39							
	8	6-10 hrs	17	17	259	9	304	8	2,235	9								
	13	11-15 hrs	3	3	77	3	120	3	817	3								
	18	16-20 hrs	3	3	51	2	61	2	439	2								
	23	21-25 hrs	0	0	20	1	25	1	198	1								
	28	26-30 hrs	0	0	5	0	5	0	70	0								
	33	More than 30 hrs	0	0	14	0	31	1	135	1								
	Total			99	100	3,024	100	3,794	100	26,073	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	2	38	1	81	2	598	2	10.9	11.7	-.10	10.7	.03	10.9	.00
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	30	605	20	1,081	28	6,761	26							
	8	6-10 hrs	25	25	913	30	1,104	29	7,557	29								
	13	11-15 hrs	18	18	704	23	702	18	5,112	20								
	18	16-20 hrs	10	10	428	14	394	10	3,044	12								
	23	21-25 hrs	6	6	150	5	188	5	1,326	5								
	28	26-30 hrs	5	5	75	2	71	2	617	2								
	33	More than 30 hrs	3	3	122	4	183	5	1,090	4								
	Total			99	100	3,035	100	3,804	100	26,105	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

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				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with								
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%									
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	70	71	2,679	88	2,631	69	19,587	75	3.1	1.2 *	.38	4.2	-.13	3.3	-.03		
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	13	174	6	459	12	2,594	10									
		8	6-10 hrs	6	6	61	2	192	5	1,100	4									
		13	11-15 hrs	3	3	43	1	114	3	668	3									
		18	16-20 hrs	3	3	34	1	86	2	491	2									
		23	21-25 hrs	1	1	23	1	37	1	257	1									
		28	26-30 hrs	0	0	5	0	24	1	184	1									
		33	More than 30 hrs	3	3	28	1	255	7	1,254	5									
		Total		99	100	3,047	100	3,798	100	26,135	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	9	9	850	28	406	11	5,034	19	6.2	3.4 ***	.64	5.3	.16	4.6 **	.32		
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	46	46	1,718	56	2,176	57	14,395	55									
		8	6-10 hrs	28	28	327	11	818	21	4,476	17									
		13	11-15 hrs	13	13	85	3	235	6	1,342	5									
		18	16-20 hrs	2	2	33	1	101	3	480	2									
		23	21-25 hrs	1	1	16	1	36	1	190	1									
		28	26-30 hrs	1	1	7	0	5	0	80	0									
		33	More than 30 hrs	0	0	14	0	42	1	244	1									
		Total		100	100	3,050	100	3,819	100	26,241	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	17	17	483	16	735	19	4,346	17	2.4	2.7 *	-.21	2.5	-.08	2.6 *	-.18
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)				2	Some	42	42	1,038	34	1,331	35	8,833	34							
				3	About half	25	25	751	25	996	26	6,895	26							
				4	Most	14	14	576	19	572	15	4,578	17							
				5	Almost all	2	2	197	6	186	5	1,549	6							
					Total	100	100	3,045	100	3,820	100	26,201	100							
tmreadinghrs												6.1	7.7 *	-.25	6.7	-.09	7.2	-.17		
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																				

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												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	0	0	5	0	11	0	65	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	57	57	1,302	43	1,980	52	12,445	48							
		3	More than 5, up to 10 hrs	26	26	965	32	1,035	27	7,610	29							
		4	More than 10, up to 15 hrs	9	9	341	11	365	10	2,691	10							
		5	More than 15, up to 20 hrs	4	4	222	7	201	5	1,704	7							
		6	More than 20, up to 25 hrs	2	2	152	5	152	4	1,186	5							
		7	More than 25 hrs	2	2	45	1	54	1	391	1							
		Total	100	100	3,032	100	3,798	100	26,092	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	7	7	169	6	303	8	1,791	7	2.9	3.0	-.08	2.9	.04	2.9	-.02
	2	Some	24	24	682	22	947	25	6,298	24								
	3	Quite a bit	39	39	1,204	39	1,488	39	9,948	38								
	4	Very much	30	30	995	33	1,103	29	8,260	31								
	Total	100	100	3,050	100	3,841	100	26,297	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	9	9	234	8	360	9	2,326	9	2.9	2.9	-.02	2.8	.08	2.9	.03
	2	Some	22	22	735	24	1,033	27	6,635	25								
	3	Quite a bit	40	40	1,157	38	1,392	36	9,562	36								
	4	Very much	29	29	919	30	1,053	27	7,720	29								
	Total	100	100	3,045	100	3,838	100	26,243	100									
c. Thinking critically and analytically	pgthink	1	Very little	3	3	38	1	113	3	602	2	3.3	3.5 *	-.20	3.3	.00	3.3	-.04
	2	Some	11	11	279	9	491	13	3,142	12								
	3	Quite a bit	38	38	990	33	1,326	35	9,206	35								
	4	Very much	48	48	1,737	57	1,903	50	13,300	51								
	Total	100	100	3,044	100	3,833	100	26,250	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	4	77	3	145	4	978	4	3.2	3.3	-.12	3.2	-.01	3.2	.01
	2	Some	18	18	457	15	662	17	4,692	18								
	3	Quite a bit	32	32	1,009	33	1,320	34	9,167	35								
	4	Very much	45	45	1,494	49	1,705	44	11,401	43								
	Total	99	100	3,037	100	3,832	100	26,238	100									

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				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		Your seniors compared with						
												NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	6	6	279	9	462	12	3,028	12	3.0	2.8 *	.18	2.8 **	.27	2.8 **	.25
		2	Some	15	15	819	27	1,063	28	7,307	28							
		3	Quite a bit	51	50	1,040	34	1,251	33	8,564	33							
		4	Very much	29	29	913	30	1,058	28	7,360	28							
		Total	101	100	3,051	100	3,834	100	26,259	100								
f. Working effectively with others	pgothers	1	Very little	8	8	116	4	248	6	1,493	6	3.0	3.0	-.07	2.9	.01	3.0	-.02
		2	Some	18	18	733	24	930	24	6,224	24							
		3	Quite a bit	45	45	1,195	39	1,468	38	10,209	39							
		4	Very much	29	29	998	33	1,185	31	8,297	32							
		Total	100	100	3,042	100	3,831	100	26,223	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	14	14	370	12	675	18	3,853	15	2.7	2.8	-.06	2.6	.15	2.7	.04
		2	Some	25	25	791	26	1,142	30	7,327	28							
		3	Quite a bit	36	36	966	32	1,140	30	8,093	31							
		4	Very much	26	26	913	30	874	23	6,982	27							
		Total	101	100	3,040	100	3,831	100	26,255	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	13	13	373	12	623	16	3,675	14	2.7	2.7	.08	2.6	.18	2.6	.09
		2	Some	26	26	1,023	34	1,260	33	8,247	31							
		3	Quite a bit	36	36	904	30	1,115	29	7,972	30							
		4	Very much	26	26	742	24	835	22	6,372	24							
		Total	101	100	3,042	100	3,833	100	26,266	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	7	7	216	7	459	12	2,810	11	2.9	2.8	.08	2.7	.19	2.8	.16
		2	Some	25	25	901	30	1,114	29	7,578	29							
		3	Quite a bit	38	38	1,085	36	1,272	33	9,043	34							
		4	Very much	30	30	841	28	989	26	6,803	26							
		Total	100	100	3,043	100	3,834	100	26,234	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	17	17	417	14	695	18	4,224	16	2.7	2.6	.09	2.5 *	.22	2.6	.15
		2	Some	26	26	986	32	1,286	34	8,561	33							
		3	Quite a bit	27	27	964	32	1,091	29	7,796	30							
		4	Very much	31	31	671	22	740	19	5,571	21							
		Total	101	100	3,038	100	3,812	100	26,152	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		Your seniors compared with					
Item wording or description		Variable name ^l												Values ^m		Response options		Count	
18. How would you evaluate your entire educational experience at this institution?																			
		evalexp	1	Poor	0	0	32	1	103	3	678	3	3.2	3.4 *	-.25	3.2	.10	3.2	.02
			2	Fair	18	18	249	8	542	14	3,210	12							
			3	Good	40	40	1,177	39	1,796	47	11,730	45							
			4	Excellent	43	43	1,598	52	1,403	36	10,734	41							
			Total		101	100	3,056	100	3,844	100	26,352	100							
19. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
		sameinst	1	Definitely no	5	5	136	4	224	6	1,479	6	3.2	3.3	-.08	3.1	.12	3.1	.08
			2	Probably no	16	16	329	11	595	15	3,788	14							
			3	Probably yes	32	32	1,129	37	1,547	40	10,446	40							
			4	Definitely yes	48	48	1,467	48	1,481	38	10,659	40							
			Total		101	100	3,061	100	3,847	100	26,372	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

			First-Year Students ^a								Seniors ^a							
			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	37	80	2,100	78	2,872	89	19,761	83	86	85	2,521	82	3,306	86	22,185	84
		More than one	9	20	585	22	370	11	3,936	17	15	15	544	18	550	14	4,251	16
		Total	46	100	2,685	100	3,242	100	23,697	100	101	100	3,065	100	3,856	100	26,436	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Biological Sci., Agriculture, & Natural Resources	33	72	1,895	71	2,473	76	18,344	77	85	84	2,155	70	2,702	70	19,521	74
		Physical Sci., Mathematics, & Computer Science	13	28	790	29	769	24	5,354	23	16	16	911	30	1,154	30	6,917	26
		Social Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Service Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		All Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	46	100	2,685	100	3,242	100	23,698	100	101	100	3,066	100	3,856	100	26,438	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	0	0	126	22	52	14	725	18	0	0	113	21	65	12	713	17
		Biological Sci., Agriculture, & Natural Resources	0	0	62	11	50	14	593	15	1	7	90	17	105	19	818	19
		Physical Sci., Mathematics, & Computer Science	1	11	132	23	72	19	848	22	4	27	100	18	131	24	882	21
		Social Sciences	0	0	155	27	52	14	673	17	1	7	165	30	84	15	778	18
		Business	0	0	21	4	25	7	199	5	0	0	7	1	15	3	135	3
		Communications, Media, & Public Relations	0	0	2	0	1	0	23	1	0	0	8	1	6	1	48	1
		Education	0	0	19	3	30	8	158	4	4	27	21	4	45	8	224	5
		Engineering	6	67	20	3	16	4	156	4	1	7	5	1	12	2	117	3
		Health Professions	1	11	29	5	51	14	343	9	3	20	16	3	47	9	301	7
		Social Service Professions	1	11	4	1	10	3	91	2	0	0	2	0	19	3	80	2
		All Other	0	0	5	1	5	1	64	2	1	7	12	2	13	2	105	2
		Undecided, Undeclared	0	0	8	1	6	2	48	1	0	0	4	1	2	0	30	1
		Total	9	100	583	100	370	100	3,921	100	15	100	543	100	544	100	4,231	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

			First-Year Students ^a								Seniors ^a							
			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	45	100	2,532	95	2,848	88	21,321	91	0	0	5	0	5	0	40	0
		Sophomore	0	0	107	4	315	10	1,797	8	0	0	23	1	19	0	198	1
		Junior	0	0	20	1	35	1	282	1	5	5	393	13	267	7	2,232	8
		Senior	0	0	3	0	11	0	57	0	95	94	2,617	86	3,428	90	23,346	89
		Unclassified	0	0	2	0	12	0	76	0	1	1	21	1	106	3	486	2
		Total	45	100	2,664	100	3,221	100	23,533	100	101	100	3,059	100	3,825	100	26,302	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	18	1	65	2	407	2	12	12	209	7	612	16	3,300	13
		Yes	45	100	2,639	99	3,146	98	23,024	98	88	88	2,823	93	3,198	84	22,864	87
		Total	45	100	2,657	100	3,211	100	23,431	100	100	100	3,032	100	3,810	100	26,164	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	3	0	6	0	47	0	0	0	30	1	75	2	415	2
		1	0	0	5	0	6	0	72	0	3	3	33	1	79	2	514	2
		2	0	0	9	0	19	1	140	1	8	8	80	3	221	6	1,149	4
		3	1	2	136	5	151	5	800	3	21	21	395	13	488	13	2,757	10
		4	19	42	950	36	1,056	33	7,099	30	28	28	1,028	34	1,162	30	8,203	31
		5	14	31	828	31	1,199	37	8,108	34	27	27	861	28	996	26	7,364	28
		6	9	20	445	17	449	14	4,240	18	12	12	387	13	437	11	3,254	12
		7 or more	2	4	295	11	330	10	3,022	13	2	2	242	8	376	10	2,657	10
		Total	45	100	2,671	100	3,216	100	23,528	100	101	100	3,056	100	3,834	100	26,313	100
b. Of these, how many are entirely online?	onlinenum	0	41	91	2,561	96	2,705	85	20,738	89	69	68	2,850	94	3,091	81	21,628	83
		1	3	7	70	3	389	12	1,997	9	23	23	160	5	522	14	3,251	12
		2	1	2	14	1	67	2	397	2	7	7	23	1	128	3	807	3
		3	0	0	5	0	24	1	133	1	1	1	7	0	36	1	266	1
		4	0	0	3	0	4	0	62	0	1	1	0	0	20	1	131	0
		5	0	0	3	0	4	0	37	0	0	0	2	0	5	0	30	0
		6	0	0	0	0	1	0	20	0	0	0	2	0	8	0	42	0
		7 or more	0	0	1	0	4	0	31	0	0	0	2	0	3	0	47	0
		Total	45	100	2,657	100	3,198	100	23,415	100	101	100	3,046	100	3,813	100	26,202	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrscol	No courses taken online	41	91	2,561	96	2,705	85	20,736	89	69	68	2,850	94	3,091	81	21,628	83
		Some courses taken online	4	9	88	3	478	15	2,491	11	29	29	189	6	669	18	4,183	16
		All courses taken online	0	0	8	0	15	0	186	1	3	3	7	0	53	1	391	1
		Total	45	100	2,657	100	3,198	100	23,413	100	101	100	3,046	100	3,813	100	26,202	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	1	2	14	1	58	2	354	2	0	0	2	0	29	1	102	0
		C	0	0	42	2	101	3	599	3	0	0	33	1	126	3	659	3
		C+	1	2	77	3	143	4	957	4	2	2	58	2	196	5	1,088	4
		B-	4	9	125	5	223	7	1,419	6	4	4	151	5	336	9	1,823	7
		B	6	13	475	18	601	19	4,136	18	23	23	466	15	770	20	4,994	19
		B+	11	24	489	18	558	17	4,215	18	20	20	597	20	665	17	4,678	18
		A-	10	22	634	24	597	19	4,818	21	19	19	800	26	623	16	5,112	19
		A	12	27	804	30	934	29	6,994	30	33	33	937	31	1,086	28	7,817	30
Total	45	100	2,660	100	3,215	100	23,492	100	101	100	3,044	100	3,831	100	26,273	100		
25. Did you begin college at this institution or elsewhere?	begincol	Started here	44	98	2,565	96	2,976	93	21,906	93	52	51	2,640	87	2,095	55	17,559	67
		Started elsewhere	1	2	94	4	230	7	1,574	7	49	49	411	13	1,735	45	8,712	33
		Total	45	100	2,659	100	3,206	100	23,480	100	101	100	3,051	100	3,830	100	26,271	100
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	0	0	25	1	92	3	451	2	3	3	46	2	231	6	1,149	4
	attend_com	Community or junior college	1	2	96	4	198	6	1,600	7	49	49	349	11	1,519	40	8,086	31
	attend_col	4-year college or university other than this one	4	9	148	6	229	7	1,617	7	23	23	426	14	1,027	27	5,987	23
	attend_none	None	38	84	2,349	88	2,649	83	19,542	83	35	35	2,255	74	1,611	42	13,671	52
	attend_other	Other	3	7	59	2	84	3	598	3	3	3	68	2	120	3	800	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	1	2	70	3	120	4	828	4	4	4	37	1	154	4	801	3
		Bachelor's degree (B.A., B.S., etc.)	7	16	265	10	585	18	3,651	16	29	29	418	14	868	23	5,003	19
		Master's degree (M.A., M.S., etc.)	14	31	626	24	803	25	5,417	23	32	32	814	27	1,133	30	7,248	28
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	23	51	1,694	64	1,691	53	13,515	58	35	35	1,779	58	1,667	44	13,167	50
		Total	45	100	2,655	100	3,199	100	23,411	100	100	100	3,048	100	3,822	100	26,219	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

			First-Year Students ^a								Seniors ^a							
			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	1	2	46	2	215	7	1,035	4	4	4	62	2	183	5	1,018	4
		High school diploma or G.E.D.	10	23	218	8	584	18	3,321	14	17	17	212	7	735	19	3,774	14
		Attended college, but did not complete degree	8	18	133	5	407	13	2,243	10	15	15	158	5	449	12	2,430	9
		Associate's degree (A.A., A.S., etc.)	6	14	145	5	378	12	2,213	9	15	15	157	5	408	11	2,513	10
		Bachelor's degree (B.A., B.S., etc.)	7	16	762	29	861	27	6,793	29	35	35	898	29	1,115	29	7,780	30
		Master's degree (M.A., M.S., etc.)	12	27	800	30	558	17	5,155	22	10	10	892	29	657	17	5,543	21
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	554	21	194	6	2,652	11	4	4	668	22	275	7	3,174	12
		Total	44	100	2,658	100	3,197	100	23,412	100	100	100	3,047	100	3,822	100	26,232	100
First-generation status (No parent holds a bachelor's degree)	firstgen (Recoded from parented)	Not first-generation	19	43	2,116	80	1,613	50	14,600	62	49	49	2,458	81	2,047	54	16,497	63
		First-generation	25	57	542	20	1,584	50	8,812	38	51	51	589	19	1,775	46	9,735	37
		Total	44	100	2,658	100	3,197	100	23,412	100	100	100	3,047	100	3,822	100	26,232	100
29. What is your gender identity?	genderid	Man	17	38	929	35	944	29	7,387	31	33	33	1,282	42	1,467	38	9,919	38
		Woman	25	56	1,676	63	2,202	69	15,683	67	66	65	1,725	57	2,279	60	15,776	60
		Another gender identity	1	2	25	1	18	1	140	1	0	0	21	1	26	1	159	1
		I prefer not to respond	2	4	31	1	42	1	261	1	2	2	24	1	54	1	393	1
		Total	45	100	2,661	100	3,206	100	23,471	100	101	100	3,052	100	3,826	100	26,247	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger	42	98	2,473	93	2,945	92	21,689	93	0	0	35	1	28	1	261	1
		20-23	1	2	170	6	167	5	1,245	5	82	81	2,734	90	2,520	66	20,012	77
		24-29	0	0	4	0	44	1	239	1	16	16	227	7	793	21	3,604	14
		30-39	0	0	1	0	27	1	127	1	2	2	27	1	316	8	1,562	6
		40-55	0	0	2	0	7	0	60	0	1	1	11	0	116	3	569	2
		Over 55	0	0	0	0	2	0	6	0	0	0	2	0	21	1	74	0
		Total	43	100	2,650	100	3,192	100	23,366	100	101	100	3,036	100	3,794	100	26,082	100
31a. Are you an international student?	internat	No	43	98	2,435	92	3,093	97	22,105	95	101	100	2,898	95	3,711	98	25,196	97
		Yes	1	2	201	8	96	3	1,152	5	0	0	138	5	80	2	847	3
		Total	44	100	2,636	100	3,189	100	23,257	100	101	100	3,036	100	3,791	100	26,043	100
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	12	6	13	14	133	12	0	0	5	4	8	11	97	12
		Asia	1	100	129	66	38	41	545	50	0	0	84	63	33	43	403	50
		Canada	0	0	13	7	2	2	57	5	0	0	8	6	3	4	40	5
		Europe	0	0	18	9	13	14	106	10	0	0	23	17	18	24	106	13
		Latin America and Caribbean	0	0	16	8	15	16	173	16	0	0	11	8	10	13	111	14
		Middle East and North Africa	0	0	7	4	12	13	74	7	0	0	2	2	3	4	36	4
		Oceania	0	0	0	0	0	0	10	1	0	0	0	0	1	1	9	1
		Unknown region/uncoded	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
		Total	1	100	195	100	93	100	1,099	100	0	0	133	100	76	100	802	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	1	2	47	2	61	2	518	2	1	1	30	1	100	3	513	2
	re_asian	Asian	6	13	511	19	303	9	3,013	13	16	16	440	14	313	8	2,812	11
	re_black	Black or African American	3	7	177	7	348	11	2,318	10	2	2	95	3	246	6	1,640	6
	re_latino	Hispanic or Latino	5	11	238	9	463	14	2,947	13	9	9	236	8	341	9	2,510	10
	re_pacific	Native Hawaiian or Other Pacific Islander	1	2	21	1	28	1	230	1	0	0	19	1	18	0	233	1
	re_white	White	27	60	1,797	68	2,084	65	15,455	66	71	70	2,298	75	2,822	74	18,867	72
	re_other	Other	2	4	60	2	90	3	627	3	2	2	75	2	101	3	680	3
	re_pnr	I prefer not to respond	2	4	103	4	94	3	764	3	5	5	97	3	183	5	1,188	5
	Racial or ethnic identification	re_all	0	0	5	0	11	0	97	0	1	1	3	0	27	1	123	0
		(Recoded from re_amind through re_pnr where each student is represented only once)	6	13	423	16	250	8	2,406	10	14	14	367	12	251	7	2,214	8
		Black or African American	2	4	121	5	277	9	1,811	8	1	1	72	2	203	5	1,350	5
		Hispanic or Latino	5	11	132	5	370	12	2,066	9	6	6	145	5	234	6	1,728	7
		Native Hawaiian/Other Pac. Islander	1	2	2	0	5	0	49	0	0	0	5	0	3	0	56	0
		White	26	58	1,581	60	1,909	60	13,770	59	67	66	2,110	69	2,595	68	17,218	66
		Other	1	2	35	1	57	2	382	2	2	2	39	1	55	1	414	2
		Multiracial	2	4	255	10	226	7	2,080	9	5	5	207	7	264	7	1,916	7
		I prefer not to respond	2	4	103	4	94	3	764	3	5	5	97	3	183	5	1,188	5
		Total	45	100	2,657	100	3,199	100	23,425	100	101	100	3,045	100	3,815	100	26,207	100
33. Are you a member of a social fraternity or sorority?	greek	No	43	96	2,356	89	2,981	93	21,196	91	85	85	2,547	84	3,505	92	23,295	89
		Yes	2	4	300	11	211	7	2,185	9	15	15	492	16	309	8	2,872	11
		Total	45	100	2,656	100	3,192	100	23,381	100	100	100	3,039	100	3,814	100	26,167	100
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)	31	69	2,306	87	1,835	58	16,389	70	18	18	1,022	34	450	12	5,839	22
		Fraternity or sorority house	0	0	19	1	10	0	168	1	1	1	55	2	27	1	424	2
		Residence (house, apartment, etc.) within walking distance to the institution	3	7	193	7	278	9	1,513	6	10	10	1,244	41	1,022	27	7,346	28
		Residence (house, apartment, etc.) farther than walking distance to the institution	9	20	120	5	959	30	4,733	20	68	68	699	23	2,219	58	12,036	46
		None of the above	2	4	10	0	103	3	534	2	3	3	25	1	93	2	530	2
		Total	45	100	2,648	100	3,185	100	23,337	100	100	100	3,045	100	3,811	100	26,175	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	42	93	2,436	92	3,001	94	20,921	90	94	93	2,818	93	3,655	96	24,065	92
		Yes	3	7	212	8	191	6	2,406	10	7	7	220	7	148	4	2,054	8
		Total	45	100	2,648	100	3,192	100	23,327	100	101	100	3,038	100	3,803	100	26,119	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

			First-Year Students ^a								Seniors ^a							
			NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	43	96	2,627	100	3,147	99	23,009	99	100	100	3,000	99	3,634	96	25,171	96
		Yes	2	4	13	0	39	1	268	1	0	0	31	1	169	4	939	4
		Total	45	100	2,640	100	3,186	100	23,277	100	100	100	3,031	100	3,803	100	26,110	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	42	93	2,286	86	2,831	89	20,578	88	83	82	2,630	87	3,253	85	22,527	86
		Yes	0	0	279	11	289	9	2,135	9	14	14	323	11	432	11	2,786	11
		I prefer not to respond	3	7	89	3	77	2	674	3	4	4	87	3	131	3	876	3
		Total	45	100	2,654	100	3,197	100	23,387	100	101	100	3,040	100	3,816	100	26,189	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	0	0	46	16	62	21	364	17	0	0	29	9	56	13	345	12
	dis_mobility	A mobility impairment	0	0	15	5	19	7	133	6	1	7	17	5	49	11	222	8
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	0	0	96	34	123	43	872	41	7	50	133	41	208	48	1,289	46
	dis_mental	A mental health disorder	0	0	123	44	110	38	825	39	5	36	169	52	157	37	1,139	41
	dis_other	A disability or impairment not listed above	0	0	45	16	50	17	383	18	2	14	47	15	72	17	507	18
	Disability or impairment (Recoded from disability and dis_sense through dis_other where each student is represented only once)	A sensory impairment	0	0	32	1	46	1	262	1	0	0	19	1	30	1	203	1
		A mobility impairment	0	0	9	0	6	0	78	0	1	1	11	0	28	1	108	0
		A learning disability	0	0	75	3	76	2	603	3	6	6	89	3	140	4	873	3
		A mental health disorder	0	0	92	3	64	2	546	2	4	4	115	4	92	2	679	3
		A disability or impairment not listed	0	0	31	1	31	1	250	1	2	2	27	1	44	1	306	1
		More than one disability or impairment	0	0	40	2	66	2	386	2	1	1	62	2	95	2	608	2
		No disability or impairment	42	93	2,286	86	2,831	89	20,578	88	83	82	2,630	87	3,253	85	22,527	86
		Prefer not to respond	3	7	89	3	77	2	674	3	4	4	87	3	131	3	876	3
		Total	45	100	2,654	100	3,197	100	23,377	100	101	100	3,040	100	3,813	100	26,180	100
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	--	--	1,193	83	1,072	85	9,338	84	--	--	1,312	83	1,297	84	10,776	85
		Gay	--	--	28	2	18	1	153	1	--	--	48	3	29	2	239	2
		Lesbian	--	--	5	0	7	1	85	1	--	--	15	1	17	1	109	1
		Bisexual	--	--	80	6	57	5	483	4	--	--	80	5	58	4	527	4
		Another sexual orientation	--	--	34	2	23	2	210	2	--	--	27	2	24	2	203	2
		Questioning or unsure	--	--	51	4	23	2	241	2	--	--	28	2	16	1	165	1
		I prefer not to respond	--	--	55	4	58	5	545	5	--	--	71	4	98	6	658	5
		Total	--	--	1,446	100	1,258	100	11,055	100	--	--	1,581	100	1,539	100	12,677	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female	27	59	1,732	65	2,272	70	16,106	68	68	67	1,762	57	2,334	61	16,207	61
		Male	19	41	953	35	969	30	7,590	32	33	33	1,304	43	1,522	39	10,230	39
		Total	46	100	2,685	100	3,241	100	23,696	100	101	100	3,066	100	3,856	100	26,437	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	9	0	18	1	120	1	0	0	4	0	33	1	146	1
		Asian	6	13	282	11	163	6	1,780	8	13	13	275	9	192	6	1,725	7
		Black or African American	2	4	120	5	278	10	1,748	8	2	2	74	2	193	6	1,280	5
		Hispanic or Latino	5	11	233	9	402	15	2,635	12	10	10	223	7	290	9	2,288	9
		Native Hawaiian/Other Pac. Islander	1	2	2	0	1	0	42	0	0	0	4	0	5	0	101	0
		White	31	67	1,571	60	1,659	60	13,083	60	67	66	2,065	69	2,367	70	16,388	67
		Other	0	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0
		Foreign or nonresident alien	0	0	185	7	76	3	931	4	0	0	116	4	55	2	646	3
		Two or more races/ethnicities	1	2	112	4	82	3	856	4	5	5	98	3	111	3	818	3
		Unknown	0	0	93	4	87	3	645	3	4	4	133	4	139	4	890	4
		Total	46	100	2,607	100	2,766	100	21,842	100	101	100	2,992	100	3,385	100	24,285	100
Institution-reported class level	IRclass	Freshman/First-Year	46	100	2,685	100	3,242	100	23,698	100	0	0	0	0	0	0	0	0
		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Senior	0	0	0	0	0	0	0	0	101	100	3,066	100	3,856	100	26,438	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	46	100	2,685	100	3,242	100	23,698	100	101	100	3,066	100	3,856	100	26,438	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	2	4	68	3	295	9	1,736	7	101	100	3,030	99	3,791	98	26,145	99
		Yes	44	96	2,617	97	2,947	91	21,962	93	0	0	36	1	65	2	292	1
		Total	46	100	2,685	100	3,242	100	23,698	100	101	100	3,066	100	3,856	100	26,437	100
Institution-reported enrollment status	IRenrollment	Not full-time	0	0	8	0	154	5	519	2	8	8	112	4	561	15	2,820	11
		Full-time	46	100	2,677	100	3,088	95	23,179	98	93	92	2,954	96	3,295	85	23,618	89
		Total	46	100	2,685	100	3,242	100	23,698	100	101	100	3,066	100	3,856	100	26,438	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 \times \text{SEM}$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. $*p < .05$, $**p < .01$, $***p < .001$ (z -test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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.
- l. Items that 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 and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. 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.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

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.

Reference: Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.