
NSSEville State University

NSSE 2017 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.

NSSEID: 888888

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 first and second (if applicable) majors were identified from the survey. Your institution had the option to customize how these majors were grouped, using up to ten related-major groups. Institutions choosing not to customize their major categories 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. Report Sample (if applicable) respondents are also excluded.

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 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), 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, *Major Field Report* results are unweighted.

Report Sections (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	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*	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*	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	Response frequencies for all demographic questions for your institution and your three core comparison groups.

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.

First-Year Students in Sci & Math

Seniors in Sci & Math

Theme	Engagement Indicator	First-Year Students in Sci & Math			Seniors in Sci & Math		
		Your first-year students compared with Private Doc-Granting	Your first-year students compared with Carnegie UG Program	Your first-year students compared with NSSE 2016 & 2017	Your seniors compared with Private Doc-Granting	Your seniors compared with Carnegie UG Program	Your seniors compared with NSSE 2016 & 2017
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	△	△	△	--	--	--

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 = 86)	41.1	10.9	1.18	20	35	40	50	60				
Private Doc-Granting	40.1	12.8	.26	20	30	40	50	60	2,504	1.0		.082
Carnegie UG Program	39.5	12.9	.15	20	30	40	50	60	7,595	1.7		.129
NSSE 2016 & 2017	39.6	12.8	.07	20	30	40	50	60	31,226	1.5		.121
Reflective & Integrative Learning												
NSSEville State (N = 86)	34.8	8.7	.93	20	29	34	40	49				
Private Doc-Granting	35.8	11.4	.23	17	29	34	43	57	96	-1.0		-.087
Carnegie UG Program	35.1	11.4	.13	17	27	34	43	57	88	-.3		-.024
NSSE 2016 & 2017	35.4	11.6	.07	17	29	34	43	57	86	-.5		-.046
Learning Strategies												
NSSEville State (N = 85)	37.7	13.6	1.47	13	27	40	47	60				
Private Doc-Granting	39.5	13.4	.27	20	27	40	47	60	2,516	-1.7		-.130
Carnegie UG Program	39.3	13.3	.15	20	27	40	47	60	7,625	-1.6		-.120
NSSE 2016 & 2017	39.4	13.4	.08	20	27	40	47	60	31,351	-1.7		-.127
Quantitative Reasoning												
NSSEville State (N = 84)	34.2	11.7	1.28	20	27	33	40	60				
Private Doc-Granting	30.9	14.5	.29	7	20	33	40	60	92	3.3	*	.231
Carnegie UG Program	30.3	14.7	.17	7	20	27	40	60	86	3.9	**	.263
NSSE 2016 & 2017	30.4	14.7	.08	7	20	27	40	60	84	3.8	**	.256
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 86)	39.1	13.9	1.50	20	30	40	50	60				
Private Doc-Granting	36.2	13.8	.28	15	25	35	45	60	2,523	2.9		.211
Carnegie UG Program	35.4	13.8	.16	15	25	35	45	60	7,632	3.7	*	.268
NSSE 2016 & 2017	35.7	13.7	.08	15	25	35	45	60	31,372	3.4	*	.246
Discussions with Diverse Others												
NSSEville State (N = 84)	40.2	12.1	1.33	20	30	40	50	60				
Private Doc-Granting	41.1	14.2	.29	20	30	40	55	60	91	-.8		-.058
Carnegie UG Program	40.0	15.0	.17	15	30	40	55	60	86	.3		.017
NSSE 2016 & 2017	40.8	14.8	.08	15	30	40	55	60	84	-.6		-.040

NSSE 2017 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 = 84)	22.9	11.8	1.29	5	15	20	33	40				
Private Doc-Granting	20.0	14.0	.28	0	10	20	30	45	2,508	2.8		.203
Carnegie UG Program	22.0	14.4	.17	0	10	20	30	50	86	.9		.059
NSSE 2016 & 2017	21.9	14.4	.08	0	10	20	30	50	84	1.0		.066
Effective Teaching Practices												
NSSEville State (N = 86)	41.9	9.6	1.04	24	36	40	48	56				
Private Doc-Granting	39.1	12.3	.25	20	32	40	48	60	95	2.9	**	.234
Carnegie UG Program	39.2	12.4	.14	20	32	40	48	60	88	2.7	*	.219
NSSE 2016 & 2017	39.3	12.5	.07	20	32	40	48	60	86	2.6	*	.211
Campus Environment												
Quality of Interactions												
NSSEville State (N = 84)	43.0	9.7	1.06	26	38	44	49	58				
Private Doc-Granting	42.4	11.3	.23	22	36	44	50	60	91	.6		.053
Carnegie UG Program	42.0	11.8	.14	20	35	44	50	60	86	1.0		.085
NSSE 2016 & 2017	42.2	11.7	.07	20	36	44	50	60	84	.8		.070
Supportive Environment												
NSSEville State (N = 86)	40.6	10.8	1.17	25	33	40	48	60				
Private Doc-Granting	37.4	12.8	.26	18	29	38	45	60	2,531	3.2	*	.250
Carnegie UG Program	37.2	13.0	.15	15	28	38	45	60	7,649	3.4	*	.264
NSSE 2016 & 2017	37.7	13.0	.07	18	30	38	48	60	31,502	3.0	*	.228

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 = 116)	39.4	11.3	1.05	20	30	40	48	60				
Private Doc-Granting	39.2	12.9	.27	20	30	40	50	60	2,363	.2		.019
Carnegie UG Program	40.3	13.2	.15	20	30	40	50	60	120	-.8		-.062
NSSE 2016 & 2017	39.7	13.4	.07	20	30	40	50	60	116	-.2		-.016
Reflective & Integrative Learning												
NSSEville State (N = 117)	36.3	11.6	1.07	20	29	37	43	57				
Private Doc-Granting	36.5	11.7	.25	17	29	37	46	57	2,387	-.2		-.018
Carnegie UG Program	36.7	12.0	.13	17	29	37	46	57	8,287	-.4		-.032
NSSE 2016 & 2017	36.5	12.1	.07	17	29	37	46	57	34,350	-.2		-.019
Learning Strategies												
NSSEville State (N = 117)	37.3	12.5	1.16	20	27	40	47	60				
Private Doc-Granting	38.2	14.0	.29	13	27	40	47	60	2,365	-.9		-.063
Carnegie UG Program	39.6	14.1	.16	13	27	40	53	60	8,215	-2.3		-.163
NSSE 2016 & 2017	39.1	14.1	.08	13	27	40	53	60	34,115	-1.8		-.127
Quantitative Reasoning												
NSSEville State (N = 115)	39.8	13.9	1.30	20	27	40	53	60				
Private Doc-Granting	34.9	15.5	.33	7	20	33	47	60	129	4.8	***	.313
Carnegie UG Program	35.6	15.4	.17	13	27	33	47	60	118	4.1	**	.269
NSSE 2016 & 2017	34.9	15.4	.08	7	20	33	47	60	115	4.9	***	.316
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 117)	37.5	12.9	1.20	15	30	35	50	60				
Private Doc-Granting	36.5	13.7	.29	15	25	35	45	60	2,364	1.0		.076
Carnegie UG Program	36.7	13.9	.15	15	25	35	45	60	8,216	.9		.061
NSSE 2016 & 2017	36.2	13.9	.08	15	25	35	45	60	34,100	1.3		.097
Discussions with Diverse Others												
NSSEville State (N = 117)	37.6	13.4	1.24	20	25	40	45	60				
Private Doc-Granting	39.0	14.8	.31	15	30	40	50	60	2,363	-1.5		-.099
Carnegie UG Program	40.2	15.3	.17	15	30	40	55	60	8,228	-2.7		-.175
NSSE 2016 & 2017	40.5	15.2	.08	15	30	40	55	60	34,115	-2.9	*	-.192

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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 = 117)	28.6	13.7	1.27	10	20	25	40	50				
Private Doc-Granting	25.9	14.8	.31	5	15	25	35	55	2,369	2.7		.183
Carnegie UG Program	28.7	15.6	.17	5	15	25	40	60	8,218	-.1		-.007
NSSE 2016 & 2017	27.4	15.8	.09	5	15	25	40	60	117	1.2		.075
Effective Teaching Practices												
NSSEville State (N = 117)	41.3	10.4	.97	24	32	40	48	60				
Private Doc-Granting	38.8	11.8	.25	20	32	40	48	60	2,387	2.5	*	.211
Carnegie UG Program	40.7	12.6	.14	20	32	40	52	60	121	.5		.042
NSSE 2016 & 2017	40.1	12.7	.07	20	32	40	48	60	117	1.2		.096
Campus Environment												
Quality of Interactions												
NSSEville State (N = 117)	42.9	9.3	.86	26	38	44	48	58				
Private Doc-Granting	41.0	11.4	.24	20	34	42	50	60	135	1.9	*	.169
Carnegie UG Program	42.7	11.1	.12	22	36	44	50	60	121	.3		.024
NSSE 2016 & 2017	41.7	11.4	.06	20	35	43	50	60	117	1.2		.105
Supportive Environment												
NSSEville State (N = 117)	34.5	10.8	1.00	15	28	35	40	53				
Private Doc-Granting	32.6	13.0	.27	13	23	33	40	57	134	1.9		.147
Carnegie UG Program	33.3	13.3	.15	13	25	33	43	58	121	1.1		.086
NSSE 2016 & 2017	33.4	13.4	.07	13	25	33	43	58	117	1.1		.082

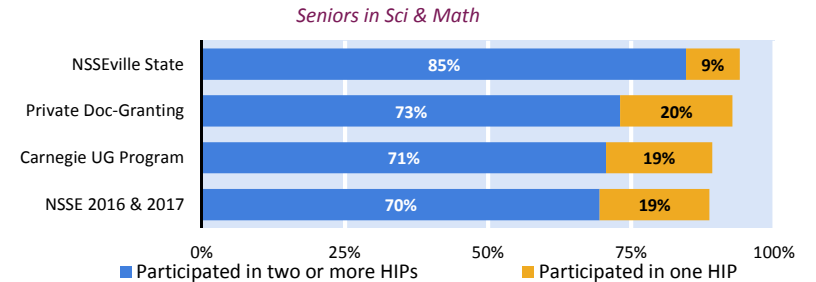
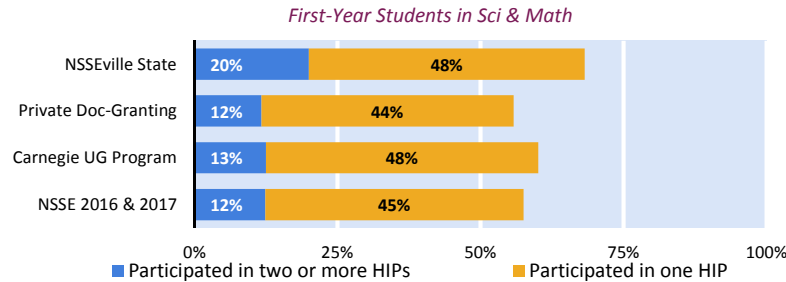
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High-Impact Practices: Sci & Math

NSSEville State University

Overall HIP Participation^{a,h}

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, 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 who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

	<i>Your students' participation compared with:</i>							
	NSSEville State	Private Doc-Granting			Carnegie UG Program			NSSE 2016 & 2017
	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	
<i>First-Year Students in Sci & Math</i>								
12. Service-Learning	41	-6	-.11	-11	* -.23	-8	-.16	
11c. Learning Community	41	+27	*** .62	+27	*** .62	+26	*** .59	
11e. Research with Faculty	7	-2	-.06	-0	-.01	-1	-.02	
Participated in at least one	68	+12	* .26	+8	.17	+11	* .22	
Participated in two or more	20	+8	* .23	+7	* .20	+8	* .21	
<i>Seniors in Sci & Math</i>								
12. Service-Learning	57	+2	.04	-1	-.02	+3	.07	
11c. Learning Community	33	+10	* .21	+8	.17	+8	* .17	
11e. Research with Faculty	58	+2	.04	+7	.14	+9	.18	
11a. Internship or Field Exp.	72	+13	** .27	+20	*** .42	+18	*** .38	
11d. Study Abroad	54	+33	*** .70	+37	*** .80	+36	*** .76	
11f. Culminating Senior Exp.	54	+14	** .29	+4	.08	+5	.09	
Participated in at least one	94	+1	.05	+5	.18	+5	.19	
Participated in two or more	85	+12	** .28	+14	*** .34	+15	*** .36	

NSSE 2017 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k													
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with											
				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 2 3 4	Never Sometimes Often Very often	1 10 45 29	1 12 53 34	64 911 844 641	3 37 34 26	222 2,666 2,752 1,965	3 35 36 26	969 10,981 11,330 8,256	3 35 36 26	3.2	2.8 *** ▲	.43	2.8 *** ▲	.42	2.9 *** ▲	.41							
Total				85	100	2,460	100	7,605	100	31,536	100														
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	8 35 22 20	9 41 26 24	437 893 659 462	18 36 27 19	1,233 2,727 2,298 1,332	16 36 30 18	5,319 11,326 9,222 5,561	17 36 29 18								2.6	2.5	.17	2.5	.15	2.5	.16
Total				85	100	2,451	100	7,590	100	31,428	100														
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	1 8 45 31	1 9 53 36	106 289 1,417 643	4 12 58 26	312 816 4,291 2,175	4 11 57 29	1,271 3,465 18,100 8,642	4 11 58 27														
Total				85	100	2,455	100	7,594	100	31,478	100														
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	21 41 19 5	24 48 22 6	677 1,117 486 175	28 45 20 7	2,607 3,156 1,287 545	34 42 17 7	10,851 13,176 5,291 2,173	34 42 17 7	2.1	2.1	.03	2.0	.14	2.0	.15							
Total				86	100	2,455	100	7,595	100	31,491	100														
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	6 18 36 26	7 21 42 30	139 766 955 599	6 31 39 24	457 2,559 2,889 1,696	6 34 38 22	1,824 10,674 11,887 7,123	6 34 38 23								3.0	2.8	.16	2.8 *	.22	2.8	.21
Total				86	100	2,459	100	7,601	100	31,508	100														
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	1 17 41 27	1 20 48 31	57 703 1,053 639	2 29 43 26	234 2,248 3,291 1,836	3 30 43 24	816 9,315 13,449 7,936	3 30 43 25														
Total				86	100	2,452	100	7,609	100	31,516	100														

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Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	8	9	206	8	800	11	3,189	10	2.9	2.8	.10	2.7	.20	2.7	.18	
		2	Sometimes	20	23	750	31	2,435	32	10,105	32								
		3	Often	31	36	838	34	2,542	33	10,418	33								
		4	Very often	27	31	665	27	1,824	24	7,810	25								
		Total		86	100	2,459	100	7,601	100	31,522	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	2	172	7	471	6	1,730	5	2.9	2.7 *	.21	2.7	.18	2.7	.16	
		2	Sometimes	27	31	924	38	2,718	36	11,357	36								
		3	Often	37	43	856	35	2,911	38	11,890	38								
		4	Very often	20	23	507	21	1,502	20	6,546	21								
		Total		86	100	2,459	100	7,602	100	31,523	100								
i. Given a course presentation	present	1	Never	16	19	565	23	1,415	19	6,148	20	2.0	2.1	-.13	2.2 **	-.27	2.2 **	-.24	
		2	Sometimes	56	65	1,213	49	3,621	48	15,120	48								
		3	Often	11	13	491	20	1,860	24	7,380	23								
		4	Very often	3	3	186	8	706	9	2,867	9								
		Total		86	100	2,455	100	7,602	100	31,515	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	5	6	150	6	553	7	2,252	7	2.6	2.6	-.04	2.6	-.03	2.6	-.04	
		2	Sometimes	36	42	1,021	41	3,049	40	12,683	40								
		3	Often	36	42	941	38	2,945	39	12,014	38								
		4	Very often	9	10	349	14	1,054	14	4,560	14								
		Total		86	100	2,461	100	7,601	100	31,509	100								
b. Connected your learning to societal problems or issues	RSocietal	1	Never	5	6	187	8	666	9	2,787	9	2.5	2.6	-.08	2.6	-.04	2.6	-.05	
		2	Sometimes	37	43	1,005	41	3,102	41	12,620	40								
		3	Often	38	44	899	37	2,765	36	11,433	36								
		4	Very often	6	7	367	15	1,053	14	4,648	15								
		Total		86	100	2,458	100	7,586	100	31,488	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	5	6	222	9	765	10	3,072	10	2.6	2.6	-.02	2.5	.03	2.6	.01	
		2	Sometimes	33	39	952	39	3,064	40	12,589	40								
		3	Often	39	46	895	36	2,636	35	10,936	35								
		4	Very often	7	8	386	16	1,131	15	4,886	16								
		Total		84	100	2,455	100	7,596	100	31,483	100								

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Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Effect size ⁿ	Effect size ⁿ			
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	1	1	106	4	346	5	1,451	5	2.8	2.8	-.02	.04	2.7	.02	
		2	Sometimes	26	30	763	31	2,504	33	10,168	32							
		3	Often	50	58	1,122	46	3,456	46	14,156	45							
		4	Very often	9	10	463	19	1,288	17	5,725	18							
		Total		86	100	2,454	100	7,594	100	31,500	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	0	0	54	2	222	3	904	3	2.8	2.9	-.14	-.08	2.9	-.11	
		2	Sometimes	25	29	643	26	2,127	28	8,476	27							
		3	Often	51	59	1,185	48	3,550	47	14,544	46							
		4	Very often	10	12	578	23	1,690	22	7,540	24							
		Total		86	100	2,460	100	7,589	100	31,464	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	3	63	3	200	3	851	3	2.8	2.9	-.08	-.04	2.9	-.04	
		2	Sometimes	22	26	686	28	2,165	29	9,040	29							
		3	Often	46	53	1,099	45	3,571	47	14,503	46							
		4	Very often	15	17	598	24	1,649	22	7,057	22							
		Total		86	100	2,446	100	7,585	100	31,451	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	1	26	1	78	1	323	1	3.1	3.1	-.07	-.02	3.1	-.03	
		2	Sometimes	15	17	434	18	1,407	19	5,792	18							
		3	Often	47	55	1,212	49	3,894	51	16,061	51							
		4	Very often	23	27	779	32	2,198	29	9,237	29							
		Total		86	100	2,451	100	7,577	100	31,413	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	10	523	21	1,283	17	5,533	18	2.3	2.2	.09	-.06	2.3	-.05	
		2	Sometimes	50	58	1,167	48	3,443	45	14,253	45							
		3	Often	21	24	511	21	1,900	25	7,673	24							
		4	Very often	6	7	252	10	959	13	4,006	13							
		Total		86	100	2,453	100	7,585	100	31,465	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	35	41	1,229	50	3,425	45	14,284	45	1.8	1.7	.11	-.01	1.8	.00	
		2	Sometimes	32	37	804	33	2,529	33	10,519	33							
		3	Often	18	21	284	12	1,105	15	4,473	14							
		4	Very often	1	1	141	6	528	7	2,181	7							
		Total		86	100	2,458	100	7,587	100	31,457	100							

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Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	10	12	699	28	2,109	28	8,614	27	2.3	2.0 *	.28	.23	2.1 *	.23		
		2	Sometimes	47	55	1,131	46	3,337	44	13,966	44								
		3	Often	23	27	438	18	1,523	20	6,321	20								
		4	Very often	6	7	186	8	607	8	2,521	8								
		Total		86	100	2,454	100	7,576	100	31,422	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	15	18	666	27	1,742	23	7,347	23	2.2	2.0	.18	.05	2.1	.06		
		2	Sometimes	41	49	1,174	48	3,539	47	14,747	47								
		3	Often	24	29	441	18	1,649	22	6,651	21								
		4	Very often	4	5	168	7	645	9	2,662	8								
		Total		84	100	2,449	100	7,575	100	31,407	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	62	3	203	3	881	3	3.0	3.0	-.04	-.03	3.0	-.01		
		2	Some	18	21	538	22	1,684	22	7,166	23								
		3	Quite a bit	45	52	1,141	47	3,490	46	14,569	46								
		4	Very much	21	24	711	29	2,209	29	8,839	28								
		Total		86	100	2,452	100	7,586	100	31,455	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	45	2	179	2	666	2	3.3	3.2	.18	.28	3.1 *	.27		
		2	Some	11	13	400	16	1,402	18	5,691	18								
		3	Quite a bit	38	44	1,102	45	3,598	47	14,910	47								
		4	Very much	37	43	905	37	2,401	32	10,181	32								
		Total		86	100	2,452	100	7,580	100	31,448	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	1	58	2	235	3	877	3	3.1	3.1	.02	.09	3.0	.08		
		2	Some	15	17	536	22	1,708	23	7,008	22								
		3	Quite a bit	46	53	1,041	43	3,394	45	14,146	45								
		4	Very much	24	28	810	33	2,237	30	9,390	30								
		Total		86	100	2,445	100	7,574	100	31,421	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	3	121	5	305	4	1,392	4	2.9	2.9	.04	.02	2.9	.03		
		2	Some	23	27	661	27	2,034	27	8,492	27								
		3	Quite a bit	39	45	1,065	44	3,407	45	13,901	44								
		4	Very much	21	24	594	24	1,825	24	7,635	24								
		Total		86	100	2,441	100	7,571	100	31,420	100								

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NSSEville State University

First-Year Students^a in Sci & Math

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				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		
													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	1	113	5	319	4	1,303	4	2.9	2.9	.03	2.9	.04	2.9	.03	
		2	Some	19	22	610	25	1,959	26	8,134	26								
		3	Quite a bit	51	59	1,108	45	3,462	46	14,282	45								
		4	Very much	15	17	614	25	1,829	24	7,677	24								
		Total		86	100	2,445	100	7,569	100	31,396	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	1	1	46	2	120	2	519	2	3.2	3.1	.14	3.1	.14	3.1	.12	
		2	Some	10	12	456	19	1,413	19	5,729	18								
		3	Quite a bit	46	53	1,170	48	3,666	48	15,107	48								
		4	Very much	29	34	782	32	2,385	31	10,131	32								
		Total		86	100	2,454	100	7,584	100	31,486	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	50	2	187	2	741	2	3.2	3.1	.12	3.1	.17	3.1	.15	
		2	Some	10	12	429	17	1,491	20	5,940	19								
		3	Quite a bit	49	58	1,207	49	3,603	48	15,138	48								
		4	Very much	26	31	770	31	2,304	30	9,650	31								
		Total		85	100	2,456	100	7,585	100	31,469	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	48	2	185	2	756	2	3.3	3.1	.14	3.1	.17	3.1	.17	
		2	Some	9	10	433	18	1,391	18	5,788	18								
		3	Quite a bit	43	50	1,084	44	3,323	44	13,750	44								
		4	Very much	33	38	888	36	2,678	35	11,148	35								
		Total		86	100	2,453	100	7,577	100	31,442	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	3	224	9	559	7	2,473	8	2.9	2.7	.16	2.8	.10	2.8	.11	
		2	Some	26	30	769	31	2,280	30	9,454	30								
		3	Quite a bit	35	41	887	36	2,913	38	11,799	38								
		4	Very much	22	26	575	23	1,826	24	7,728	25								
		Total		86	100	2,455	100	7,578	100	31,454	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	2	201	8	571	8	2,494	8	3.0	2.7 ** ▲	.31	2.7 ** ▲	.26	2.7 ** ▲	.26	
		2	Some	20	24	817	33	2,437	32	10,000	32								
		3	Quite a bit	42	49	961	39	2,979	39	12,205	39								
		4	Very much	21	25	467	19	1,582	21	6,690	21								
		Total		85	100	2,446	100	7,569	100	31,389	100								

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				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	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	3	3	122	5	457	6	1,845	6	3.1	2.9 ** ▲	.32	2.8 *** ▲	.41	2.8 *** ▲	.40
		2	Sometimes	12	14	690	28	2,352	31	9,778	31							
		3	Often	43	50	1,069	44	3,213	42	13,251	42							
		4	Very often	28	33	576	23	1,553	21	6,556	21							
			Total	86	100	2,457	100	7,575	100	31,430	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	12	467	19	1,376	18	5,686	18	2.4	2.3	.10	2.4	.07	2.4	.07
		2	Sometimes	36	42	1,007	41	3,063	40	12,695	40							
		3	Often	32	38	673	27	2,177	29	9,063	29							
		4	Very often	7	8	308	13	951	13	3,979	13							
			Total	85	100	2,455	100	7,567	100	31,423	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	3	4	327	13	1,072	14	4,359	14	2.6	2.4	.17	2.4 * △	.20	2.4 * △	.19
		2	Sometimes	38	45	1,000	41	3,117	41	13,084	42							
		3	Often	35	41	841	34	2,528	33	10,299	33							
		4	Very often	9	11	289	12	856	11	3,690	12							
			Total	85	100	2,457	100	7,573	100	31,432	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum	0	None	0	0	118	5	373	5	1,583	5	7.6	7.4	.04	6.9	.13	6.7	.16
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	9	10	388	16	1,465	19	6,087	19							
		4	3-5	31	36	747	31	2,394	32	10,082	32							
		8	6-10	27	31	633	26	1,795	24	7,609	24							
		13	11-15	12	14	273	11	807	11	3,168	10							
		18	16-20	3	3	138	6	350	5	1,368	4							
		23	More than 20	4	5	146	6	394	5	1,483	5							
			Total	86	100	2,443	100	7,578	100	31,380	100							
b. Between 6 and 10 pages	wrmednum	0	None	26	31	710	29	2,549	34	10,253	33	1.8	2.4 * ▽	-.18	2.1	-.08	2.2	-.12
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	40	47	988	41	3,064	41	12,541	40							
		4	3-5	15	18	495	20	1,304	17	5,706	18							
		8	6-10	3	4	159	7	422	6	1,832	6							
		13	11-15	1	1	46	2	103	1	467	2							
		18	16-20	0	0	12	0	37	0	164	1							
		23	More than 20	0	0	15	1	20	0	149	0							
			Total	85	100	2,425	100	7,499	100	31,112	100							

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				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with										
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ						
c. 11 pages or more				66	77	1,764	74	5,812	78	23,507	76	.6	.8	-.09	.7	-.05	.8	-.08						
wrlongnum				0	None																			
(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)				1.5	1-2	451	19	1,224	16	5,445	18													
				4	3-5	94	4	219	3	982	3													
				8	6-10	39	2	130	2	529	2													
				13	11-15	13	1	59	1	238	1													
				18	16-20	8	0	17	0	88	0													
				23	More than 20	11	0	13	0	114	0													
					Total	86	100	2,380	100	7,474	100	30,903	100											
Estimated number of assigned pages of student writing.												46.7	52.7	-.10	46.9	.00	48.6	-.03						
												<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>												
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				1	1	67	3	362	5	1,255	4	2.9	3.2 **	-0.31	3.0	-.14	3.1 *	-.22						
DDrace				2	Sometimes	552	22	1,980	26	7,566	24													
				3	Often	766	31	2,374	31	9,939	32													
				4	Very often	1,074	44	2,888	38	12,768	40													
					Total	84	100	2,459	100	7,604	100								31,528	100				
b. People from an economic background other than your own				1	1	70	3	306	4	1,170	4	3.0	3.1	-.17	3.0	-.05	3.1	-.09						
DDeconomic				2	Sometimes	498	20	1,782	23	6,987	22													
				3	Often	897	37	2,780	37	11,568	37													
				4	Very often	991	40	2,730	36	11,763	37													
					Total	85	100	2,456	100	7,598	100								31,488	100				
c. People with religious beliefs other than your own				1	4	212	9	575	8	1,845	6	3.0	2.9	.03	2.9	.03	3.0	-.05						
DDreligion				2	Sometimes	610	25	1,985	26	7,697	24													
				3	Often	747	31	2,391	31	10,082	32													
				4	Very often	880	36	2,650	35	11,875	38													
					Total	85	100	2,449	100	7,601	100								31,499	100				
d. People with political views other than your own				1	4	101	4	427	6	1,666	5	3.2	3.0	.21	3.0	.19	3.0 *	.20						
DDpolitical				2	Sometimes	702	29	1,914	25	8,377	27													
				3	Often	807	33	2,531	33	10,198	32													
				4	Very often	844	34	2,721	36	11,246	36													
					Total	85	100	2,454	100	7,593	100								31,487	100				

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				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
				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	0	0	35	1	113	1	450	1	3.2	3.1	.04	3.1	.11	3.1	.09
			2	Sometimes	13	15	438	18	1,481	19	6,051	19							
			3	Often	46	54	1,170	48	3,741	49	15,241	48							
			4	Very often	26	31	810	33	2,260	30	9,744	31							
			Total		85	100	2,453	100	7,595	100	31,486	100							
b. Reviewed your notes after class		LSnotes	1	Never	6	7	97	4	280	4	1,176	4	2.8	3.0	-.13	3.0	-.16	3.0	-.15
			2	Sometimes	24	28	695	28	2,073	27	8,760	28							
			3	Often	32	38	867	35	2,736	36	11,142	35							
			4	Very often	23	27	798	32	2,508	33	10,408	33							
			Total		85	100	2,457	100	7,597	100	31,486	100							
c. Summarized what you learned in class or from course materials		LSsummary	1	Never	8	9	149	6	432	6	1,783	6	2.7	2.8	-.20	2.8	-.21	2.8 *	-0.21
			2	Sometimes	31	36	724	30	2,296	30	9,422	30							
			3	Often	28	33	951	39	2,904	38	12,075	38							
			4	Very often	18	21	623	25	1,943	26	8,144	26							
			Total		85	100	2,447	100	7,575	100	31,424	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	9	0	48	1	194	1	5.7	5.7	.01	5.6	.12	5.6	.13
			2		2	2	21	1	71	1	320	1							
			3		4	5	80	3	261	3	1,123	4							
			4		3	4	197	8	757	10	3,032	10							
			5		21	25	675	27	2,392	32	9,995	32							
			6		33	39	790	32	2,186	29	9,134	29							
			7	Very much	22	26	687	28	1,869	25	7,661	24							
			Total		85	100	2,459	100	7,584	100	31,459	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	5	6	184	7	720	9	2,868	9	4%	9%	-.22	8%	-.18	8%	-.21	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	1	1	53	2	221	3	926	3								
			Plan to do	76	89	2,009	82	6,078	80	25,084	80								
			Done or in progress	3	4	216	9	574	8	2,633	8								
			Total	85	100	2,462	100	7,593	100	31,511	100								

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			Frequency Distributions								Statistical Comparisons ^k						
			NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	23	27	608	25	1,926	25	7,739	25	8%	13%	-.16	12%	-.11	12%	-.14
		Do not plan to do	19	22	404	16	1,606	21	6,013	19							
		Plan to do	36	42	1,126	46	3,177	42	13,816	44							
		Done or in progress	7	8	320	13	882	12	3,926	12							
		Total	85	100	2,458	100	7,591	100	31,494	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	13	785	32	2,456	32	9,725	31	41%	14% *** ▲	.62	14% *** ▲	.62	15% *** ▲	.59
		Do not plan to do	25	29	646	26	1,892	25	8,103	26							
		Plan to do	14	16	676	28	2,141	28	8,833	28							
		Done or in progress	35	41	345	14	1,090	14	4,777	15							
		Total	85	100	2,452	100	7,579	100	31,438	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	13	610	25	2,020	27	8,238	26	8%	3% ** ▲	.23	3% ** ▲	.22	3% ** ▲	.23
		Do not plan to do	7	8	591	24	1,750	23	7,131	23							
		Plan to do	60	71	1,184	48	3,568	47	15,150	48							
		Done or in progress	7	8	74	3	241	3	947	3							
		Total	85	100	2,459	100	7,579	100	31,466	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	22	26	537	22	2,085	27	8,385	27	7%	9%	-.06	7%	-.01	8%	-.02
		Do not plan to do	8	10	170	7	862	11	3,288	10							
		Plan to do	48	57	1,533	62	4,069	54	17,361	55							
		Done or in progress	6	7	216	9	566	7	2,405	8							
		Total	84	100	2,456	100	7,582	100	31,439	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	29	35	712	29	2,211	29	8,749	28	0%	2%	-.27	1%	-.24	2%	-.27
		Do not plan to do	8	10	173	7	508	7	2,187	7							
		Plan to do	47	56	1,522	62	4,760	63	19,949	63							
		Done or in progress	0	0	45	2	109	1	550	2							
		Total	84	100	2,452	100	7,588	100	31,435	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																	
servcourse		1 None	50	59	1,305	53	3,589	47	16,034	51	1.5	1.5	-.13	1.6 *	-.23	1.6	-.18
		2 Some	31	36	995	41	3,416	45	13,105	42							
		3 Most	4	5	126	5	484	6	1,924	6							
		4 All	0	0	30	1	87	1	381	1							
		Total	85	100	2,456	100	7,576	100	31,444	100							

NSSE 2017 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
				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	0	0	20	1	120	2	436	1	5.6	5.6	.05	5.4	.16	5.5	.14
		2		3	4	39	2	127	2	580	2							
		3		3	4	120	5	425	6	1,605	5							
		4		6	7	248	10	899	12	3,633	12							
		5		21	25	609	25	2,038	27	8,482	27							
		6		28	33	715	29	2,017	27	8,589	27							
		7	Excellent	24	28	705	29	1,934	25	8,059	26							
		—	Not applicable	0	0	10	0	39	1	156	0							
		Total		85	100	2,466	100	7,599	100	31,540	100							
b. Academic advisors	QIadvisor	1	Poor	3	4	74	3	274	4	995	3	4.8	5.2	-.19	5.1	-.18	5.2 *	-.22
		2		6	7	116	5	379	5	1,451	5							
		3		7	8	196	8	584	8	2,424	8							
		4		9	11	357	14	1,086	14	4,390	14							
		5		30	35	505	20	1,558	21	6,549	21							
		6		16	19	546	22	1,599	21	6,699	21							
		7	Excellent	12	14	604	25	1,982	26	8,495	27							
		—	Not applicable	2	2	66	3	134	2	519	2							
		Total		85	100	2,464	100	7,596	100	31,522	100							
c. Faculty	QIfaculty	1	Poor	1	1	32	1	125	2	492	2	5.6	5.3 *	.18	5.4 *	.17	5.3 *	.18
		2		0	0	55	2	199	3	824	3							
		3		1	1	133	5	420	6	1,728	5							
		4		8	9	321	13	989	13	4,114	13							
		5		26	31	678	28	1,890	25	8,179	26							
		6		34	40	693	28	2,231	29	8,903	28							
		7	Excellent	15	18	517	21	1,675	22	6,964	22							
		—	Not applicable	0	0	22	1	52	1	237	1							
		Total		85	100	2,451	100	7,581	100	31,441	100							

NSSE 2017 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

Item wording or description				Frequency Distributions								Statistical Comparisons ^k										
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with								
				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.)				QIstaff		1	Poor	2	2	81	3	267	4	1,029	3	5.3	5.1	.11	5.1	.13	5.1	.11
				2		1	1	90	4	322	4	1,233	4									
				3		5	6	167	7	562	7	2,248	7									
				4		10	12	344	14	1,020	13	4,346	14									
				5		30	35	587	24	1,666	22	7,087	23									
				6		19	22	553	23	1,708	23	6,932	22									
				7	Excellent	17	20	456	19	1,444	19	6,117	19									
				—	Not applicable	1	1	176	7	595	8	2,448	8									
Total		85	100	2,454	100	7,584	100	31,440	100													
e. Other administrative staff and offices (registrar, financial aid, etc.)				QIadmin		1	Poor	2	2	82	3	291	4	1,171	4	5.1	5.0	.09	5.0	.09	5.0	.10
				2		2	2	121	5	365	5	1,457	5									
				3		5	6	174	7	580	8	2,413	8									
				4		12	14	342	14	1,071	14	4,658	15									
				5		23	27	550	22	1,704	22	7,182	23									
				6		26	31	528	21	1,660	22	6,705	21									
				7	Excellent	11	13	436	18	1,407	19	5,736	18									
				—	Not applicable	4	5	226	9	514	7	2,173	7									
Total		85	100	2,459	100	7,592	100	31,495	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	0	0	20	1	92	1	348	1	3.2	3.3	-.17	3.2	.00	3.2	-.03
				2	Some	10	12	264	11	1,050	14	4,280	14									
				3	Quite a bit	47	55	1,024	42	3,512	46	14,227	45									
				4	Very much	29	34	1,145	47	2,930	39	12,616	40									
				Total		86	100	2,453	100	7,584	100	31,471	100									
b. Providing support to help students succeed academically				SEacademic		1	Very little	0	0	67	3	214	3	768	2	3.3	3.1 *	.24	3.1 *	.26	3.2 *	.22
				2	Some	6	7	416	17	1,343	18	5,360	17									
				3	Quite a bit	46	53	1,082	44	3,300	44	13,617	43									
				4	Very much	34	40	882	36	2,699	36	11,609	37									
				Total		86	100	2,447	100	7,556	100	31,354	100									
c. Using learning support services (tutoring services, writing center, etc.)				SElearnsup		1	Very little	1	1	85	3	320	4	1,273	4	3.4	3.1 *	.26	3.2 *	.22	3.2	.20
				2	Some	7	8	421	17	1,206	16	4,811	15									
				3	Quite a bit	38	44	987	40	2,896	38	11,946	38									
				4	Very much	40	47	958	39	3,157	42	13,398	43									
				Total		86	100	2,451	100	7,579	100	31,428	100									

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Mean		Effect size ⁿ	Mean	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	5	6	260	11	807	11	3,039	10	3.0	2.8 *	.24	.24	2.8 *	.24	2.8 *	.20
		2	Some	16	19	694	28	2,150	28	8,679	28								
		3	Quite a bit	40	47	865	35	2,666	35	11,151	35								
		4	Very much	25	29	630	26	1,943	26	8,546	27								
		Total		86	100	2,449	100	7,566	100	31,415	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	0	0	110	4	378	5	1,474	5	3.2	3.0 *	.25	.26	3.0 *	.26	3.0 *	.25
		2	Some	12	14	517	21	1,599	21	6,597	21								
		3	Quite a bit	41	48	1,029	42	3,163	42	13,108	42								
		4	Very much	32	38	791	32	2,424	32	10,229	33								
		Total		85	100	2,447	100	7,564	100	31,408	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	147	6	416	6	1,620	5	3.2	3.0	.21	.21	3.0 *	.21	3.0	.18
		2	Some	19	22	523	21	1,695	22	6,699	21								
		3	Quite a bit	34	40	1,008	41	3,095	41	12,856	41								
		4	Very much	33	38	770	31	2,351	31	10,205	33								
		Total		86	100	2,448	100	7,557	100	31,380	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	11	13	501	20	1,552	21	6,314	20	2.4	2.4	-.01	.00	2.4	.00	2.4	-.01
		2	Some	43	50	899	37	2,770	37	11,712	37								
		3	Quite a bit	22	26	693	28	2,183	29	8,856	28								
		4	Very much	10	12	352	14	1,058	14	4,524	14								
		Total		86	100	2,445	100	7,563	100	31,406	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	2	2	140	6	526	7	2,084	7	3.0	2.9	.09	.14	2.9	.14	2.9	.12
		2	Some	19	22	596	24	1,956	26	7,919	25								
		3	Quite a bit	41	48	1,024	42	3,020	40	12,730	41								
		4	Very much	23	27	683	28	2,060	27	8,660	28								
		Total		85	100	2,443	100	7,562	100	31,393	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	4	5	264	11	910	12	3,616	12	2.8	2.6	.21	.23	2.6 *	.23	2.6	.19
		2	Some	29	34	839	34	2,603	34	10,369	33								
		3	Quite a bit	32	37	874	36	2,618	35	11,188	36								
		4	Very much	21	24	458	19	1,425	19	6,199	20								
		Total		86	100	2,435	100	7,556	100	31,372	100								

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
														Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
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 <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 3 9 18 19 23 6 8 86	0 3 10 22 22 27 7 9 100	3 128 340 467 527 437 259 292 2,453	0 5 14 19 21 18 11 12 100	19 660 1,398 1,575 1,591 1,098 620 626 7,587	0 9 18 21 21 14 8 8 100	74 2,570 5,725 6,561 6,738 4,584 2,550 2,681 31,483	0 8 18 21 21 15 8 9 100	18.8	18.6	.03	16.5 *	.27	16.7 *	.25		
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	14 35 17 6 9 3 1 0 85	16 41 20 7 11 4 1 0 100	534 965 474 239 117 61 28 22 2,440	22 40 19 10 5 3 1 1 100	2,056 2,807 1,299 675 399 170 80 72 7,558	27 37 17 9 5 2 1 1 100	7,856 11,526 5,641 3,048 1,789 822 313 367 31,362	25 37 18 10 6 3 1 1 100	6.8	6.1	.11	5.7	.16	6.1	.10		
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	56 11 10 5 1 1 0 2 86	65 13 12 6 1 1 0 2 100	1,745 143 250 161 119 21 5 6 2,450	71 6 10 7 5 1 0 0 100	5,821 394 609 369 260 71 25 20 7,569	77 5 8 5 3 1 0 0 100	23,945 1,681 2,842 1,578 891 269 86 130 31,422	76 5 9 5 3 1 0 0 100	3.3	3.1	.04	2.4	.16	2.5	.16		

NSSE 2017 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
				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	67	78	1,985	81	5,498	73	23,654	75	2.4	2.5	-.01	4.2 **	-.22	3.7 *	-.16
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	8	106	4	315	4	1,368	4							
	8	6-10 hrs	3	3	102	4	394	5	1,520	5								
	13	11-15 hrs	4	5	95	4	364	5	1,357	4								
	18	16-20 hrs	1	1	74	3	417	6	1,444	5								
	23	21-25 hrs	4	5	31	1	267	4	936	3								
	28	26-30 hrs	0	0	21	1	144	2	519	2								
	33	More than 30 hrs	0	0	32	1	169	2	604	2								
	Total		86	100	2,446	100	7,568	100	31,402	100								
Estimated number of hours working for pay	tmworkhrs										5.7	5.5	.02	6.6	-.09	6.1	-.04	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	54	63	1,221	50	4,038	53	16,955	54	1.6	2.5	-.21	2.5	-.20	2.4	-.19
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	33	951	39	2,580	34	10,735	34							
	8	6-10 hrs	2	2	156	6	531	7	2,114	7								
	13	11-15 hrs	0	0	64	3	207	3	796	3								
	18	16-20 hrs	1	1	27	1	113	1	450	1								
	23	21-25 hrs	1	1	16	1	55	1	183	1								
	28	26-30 hrs	0	0	3	0	17	0	58	0								
	33	More than 30 hrs	0	0	6	0	25	0	92	0								
	Total		86	100	2,444	100	7,566	100	31,383	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	42	2	147	2	532	2	12.7	11.1	.20	11.6	.13	11.7	.12
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	13	558	23	1,762	23	7,066	22							
	8	6-10 hrs	27	31	755	31	2,151	28	9,029	29								
	13	11-15 hrs	26	30	521	21	1,546	20	6,566	21								
	18	16-20 hrs	9	10	300	12	972	13	4,085	13								
	23	21-25 hrs	8	9	122	5	423	6	1,755	6								
	28	26-30 hrs	2	2	52	2	218	3	828	3								
	33	More than 30 hrs	3	3	92	4	352	5	1,548	5								
Total		86	100	2,442	100	7,571	100	31,409	100									

NSSE 2017 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

Item wording or description				Frequency Distributions								Statistical Comparisons ^k									
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with							
				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.) <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>				tmcarehrs	0	0 hrs	80	93	2,056	84	6,147	81	25,867	82	.7	1.5 *	-0.17	1.7 **	-0.20	1.6 **	-0.19
				3	1-5 hrs	3	3	182	7	694	9	2,726	9								
				8	6-10 hrs	1	1	82	3	282	4	1,109	4								
				13	11-15 hrs	0	0	51	2	169	2	679	2								
				18	16-20 hrs	1	1	30	1	106	1	385	1								
				23	21-25 hrs	1	1	9	0	52	1	212	1								
				28	26-30 hrs	0	0	9	0	13	0	65	0								
				33	More than 30 hrs	0	0	23	1	93	1	350	1								
				Total		86	100	2,442	100	7,556	100	31,393	100								
				h. Commuting to campus (driving, walking, etc.) <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>				tmcommutehrs	0	0 hrs	65	76	1,206	49							
3	1-5 hrs	15	18					852	35	2,544	34	10,690	34								
8	6-10 hrs	4	5					222	9	803	11	3,291	10								
13	11-15 hrs	0	0					94	4	290	4	1,244	4								
18	16-20 hrs	0	0					44	2	154	2	596	2								
23	21-25 hrs	1	1					14	1	66	1	267	1								
28	26-30 hrs	0	0					6	0	22	0	115	0								
33	More than 30 hrs	0	0					16	1	83	1	278	1								
Total		85	100	2,454	100	7,581	100	31,452	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	8	9	261	11	1,005	13	3,967	13	2.7	2.7	-0.06	2.6	.01	2.7	-0.01	
				2	Some	38	44	902	37	2,751	36	11,452	36								
				3	About half	18	21	715	29	2,202	29	8,999	29								
				4	Most	20	23	438	18	1,197	16	5,309	17								
				5	Almost all	2	2	141	6	429	6	1,730	5								
				Total		86	100	2,457	100	7,584	100	31,457	100								
tmreadinghrs				<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																	
				7.6																	
				8.1 -0.08 7.1 .08 7.3 .06																	

NSSE 2017 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	3	0	19	0	72	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	35	41	971	40	3,587	47	14,600	47							
		3	More than 5, up to 10 hrs	30	35	795	32	2,255	30	9,468	30							
		4	More than 10, up to 15 hrs	11	13	325	13	843	11	3,568	11							
		5	More than 15, up to 20 hrs	7	8	198	8	453	6	1,887	6							
		6	More than 20, up to 25 hrs	3	3	119	5	302	4	1,315	4							
		7	More than 25 hrs	0	0	37	2	100	1	453	1							
			Total	86	100	2,448	100	7,559	100	31,363	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	6	7	242	10	530	7	2,589	8	2.8	2.7	.05	2.8	.00	2.7	.02
		2	Some	18	21	703	29	2,236	30	9,251	29							
		3	Quite a bit	52	60	1,007	41	3,249	43	13,148	42							
		4	Very much	10	12	500	20	1,550	20	6,438	20							
			Total	86	100	2,452	100	7,565	100	31,426	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	15	18	388	16	973	13	4,130	13	2.3	2.5	-.18	2.6 *	-.28	2.6 *	-.28
		2	Some	32	38	862	35	2,590	34	10,664	34							
		3	Quite a bit	34	40	843	34	2,703	36	11,183	36							
		4	Very much	4	5	361	15	1,315	17	5,477	17							
			Total	85	100	2,454	100	7,581	100	31,454	100							
c. Thinking critically and analytically	pgthink	1	Very little	1	1	66	3	224	3	945	3	3.3	3.2 *	.24	3.1 **	.29	3.1 **	.28
		2	Some	7	8	401	16	1,363	18	5,549	18							
		3	Quite a bit	40	47	1,077	44	3,380	45	13,988	44							
		4	Very much	38	44	904	37	2,617	35	10,976	35							
			Total	86	100	2,448	100	7,584	100	31,458	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	2	164	7	482	6	2,113	7	3.1	2.9	.15	2.9	.20	2.9 *	.21
		2	Some	18	21	602	25	1,965	26	8,189	26							
		3	Quite a bit	39	45	940	38	3,109	41	12,696	40							
		4	Very much	27	31	748	30	2,027	27	8,481	27							
			Total	86	100	2,454	100	7,583	100	31,479	100							

NSSE 2017 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

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with				
				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	11	13	377	15	1,119	15	4,808	15	2.6	2.5	.04	2.5	.03	2.5	.03
		2	Some	30	35	872	36	2,708	36	10,994	35							
		3	Quite a bit	30	35	769	31	2,443	32	10,109	32							
		4	Very much	14	16	434	18	1,319	17	5,564	18							
		Total		85	100	2,452	100	7,589	100	31,475	100							
f. Working effectively with others	pgothers	1	Very little	3	3	198	8	507	7	2,153	7	2.9	2.8 *	.19	2.8	.13	2.8	.14
		2	Some	17	20	737	30	2,136	28	9,088	29							
		3	Quite a bit	49	57	964	39	3,196	42	12,819	41							
		4	Very much	17	20	552	23	1,755	23	7,419	24							
		Total		86	100	2,451	100	7,594	100	31,479	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	7	294	12	894	12	3,828	12	2.7	2.7	.00	2.7	.07	2.7	.07
		2	Some	25	29	662	27	2,274	30	9,319	30							
		3	Quite a bit	40	47	873	36	2,795	37	11,496	37							
		4	Very much	15	17	624	25	1,633	21	6,833	22							
		Total		86	100	2,453	100	7,596	100	31,476	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	9	10	272	11	812	11	3,176	10	2.6	2.7	-.17	2.7	-.17	2.8 *	-.21
		2	Some	27	31	733	30	2,293	30	9,090	29							
		3	Quite a bit	43	50	862	35	2,743	36	11,479	36							
		4	Very much	7	8	587	24	1,738	23	7,731	25							
		Total		86	100	2,454	100	7,586	100	31,476	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	8	9	281	11	894	12	3,602	11	2.6	2.6	-.01	2.6	.02	2.6	.01
		2	Some	27	31	817	33	2,613	34	10,671	34							
		3	Quite a bit	40	47	876	36	2,674	35	11,192	36							
		4	Very much	11	13	482	20	1,406	19	6,009	19							
		Total		86	100	2,456	100	7,587	100	31,474	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	7	8	293	12	920	12	3,687	12	2.6	2.7	-.03	2.6	.01	2.6	-.02
		2	Some	27	31	758	31	2,512	33	10,023	32							
		3	Quite a bit	43	50	903	37	2,690	36	11,330	36							
		4	Very much	9	10	502	20	1,453	19	6,387	20							
		Total		86	100	2,456	100	7,575	100	31,427	100							

NSSE 2017 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

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	35	1	130	2	551	2	3.4	3.3	.18	3.2 **	.30	3.2 *	.27	
		2	Fair	4	5	248	10	939	12	3,688	12								
		3	Good	41	48	1,105	45	3,690	49	15,152	48								
		4	Excellent	41	48	1,070	44	2,833	37	12,119	38								
		Total		86	100	2,458	100	7,592	100	31,510	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	2	2	75	3	322	4	1,150	4	3.2	3.3	-.01	3.2	.08	3.2	.03	
		2	Probably no	8	9	283	12	1,019	13	3,862	12								
		3	Probably yes	43	50	1,044	42	3,225	42	13,531	43								
		4	Definitely yes	33	38	1,058	43	3,031	40	12,998	41								
		Total		86	100	2,460	100	7,597	100	31,541	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k																			
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with																	
				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 2 3 4	Never Sometimes Often Very often	1 24 41 51	1 21 35 44	68 667 725 817	3 29 32 36	158 2,139 2,664 3,209	2 26 33 39	882 9,502 10,951 12,922	3 28 32 38	3.2	3.0 *	.24	3.1	.14	3.0 *	.19													
		Total		117	100	2,277	100	8,170	100	34,257	100																				
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	23 50 30 14	20 43 26 12	605 803 568 293	27 35 25 13	1,680 2,990 2,160 1,317	21 37 27 16	7,612 12,561 8,696 5,313	22 37 25 16								2.3	2.2	.06	2.4	-.08	2.3	-.04						
		Total		117	100	2,269	100	8,147	100	34,182	100																				
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	6 14 69 28	5 12 59 24	162 438 1,261 411	7 19 56 18	403 1,120 4,709 1,925	5 14 58 24	1,976 5,143 19,581 7,515	6 15 57 22															3.0	2.8 *	.22	3.0	.02	3.0
		Total		117	100	2,272	100	8,157	100	34,215	100																				
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	33 57 21 5	28 49 18 4	674 1,079 380 138	30 48 17 6	3,313 3,369 1,062 428	41 41 13 5	13,323 14,269 4,628 2,029	39 42 14 6	2.0	2.0	-.01	1.8 *	.18	1.9	.14													
		Total		116	100	2,271	100	8,172	100	34,249	100																				
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	7 45 43 22	6 38 37 19	145 850 797 478	6 37 35 21	599 3,043 2,882 1,641	7 37 35 20	2,596 13,094 11,782 6,762	8 38 34 20								2.7	2.7	-.03	2.7	.00	2.7	.02						
		Total		117	100	2,270	100	8,165	100	34,234	100																				
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	1 28 54 34	1 24 46 29	50 587 950 683	2 26 42 30	155 2,051 3,382 2,584	2 25 41 32	676 9,151 14,089 10,323	2 27 41 30															3.0	3.0	.04	3.0	.01	3.0
		Total		117	100	2,270	100	8,172	100	34,239	100																				

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		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		Mean	Effect size ⁿ		
														Effect size ⁿ	Mean		Effect size ⁿ	Mean	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	14	12	207	9	878	11	3,707	11	2.7	2.7	-.03		2.7	-.03	2.7	.00
		2	Sometimes	38	32	774	34	2,618	32	11,363	33								
		3	Often	34	29	722	32	2,543	31	10,639	31								
		4	Very often	31	26	569	25	2,130	26	8,555	25								
		Total		117	100	2,272	100	8,169	100	34,264	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	2	82	4	323	4	1,431	4	3.1	2.9 **	.26	△	2.9 *	.22	2.9 **	.25
		2	Sometimes	25	21	744	33	2,370	29	10,500	31								
		3	Often	51	44	853	38	3,261	40	13,247	39								
		4	Very often	39	33	595	26	2,214	27	9,073	26								
		Total		117	100	2,274	100	8,168	100	34,251	100								
i. Given a course presentation	present	1	Never	4	3	223	10	729	9	3,393	10	3.1	2.6 ***	.57	▲	2.7 ***	.41	2.6 ***	.46
		2	Sometimes	25	21	950	42	2,895	35	12,522	37								
		3	Often	48	41	716	31	2,795	34	11,388	33								
		4	Very often	40	34	385	17	1,764	22	6,977	20								
		Total		117	100	2,274	100	8,183	100	34,280	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	1	1	71	3	225	3	956	3	2.8	2.9	-.07		3.0	-.16	2.9	-.13
		2	Sometimes	42	36	663	29	2,125	26	9,372	27								
		3	Often	48	41	948	42	3,464	42	14,355	42								
		4	Very often	26	22	589	26	2,360	29	9,555	28								
		Total		117	100	2,271	100	8,174	100	34,238	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	6	5	200	9	668	8	2,896	8	2.7	2.7	.06		2.7	.04	2.7	.05
		2	Sometimes	48	41	823	36	2,970	36	12,575	37								
		3	Often	37	32	811	36	2,909	36	11,965	35								
		4	Very often	26	22	437	19	1,615	20	6,790	20								
		Total		117	100	2,271	100	8,162	100	34,226	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	6	5	333	15	1,308	16	5,622	16	2.5	2.4	.10		2.4	.12	2.4	.12
		2	Sometimes	62	53	946	42	3,414	42	14,133	41								
		3	Often	32	27	688	30	2,313	28	9,569	28								
		4	Very often	17	15	303	13	1,132	14	4,896	14								
		Total		117	100	2,270	100	8,167	100	34,220	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description				Variable name ^l				Frequency Distributions				Statistical Comparisons ^k												
								NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with						
								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	4	114	5	442	5	1,922	6	2.8	2.8	-.01	2.8	.00	2.8	-.01
								2	Sometimes	39	33	730	32	2,642	32	11,011	32							
								3	Often	53	45	1,016	45	3,554	44	14,647	43							
								4	Very often	20	17	412	18	1,532	19	6,618	19							
								Total		117	100	2,272	100	8,170	100	34,198	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective				RIperspect				1	Never	3	3	76	3	311	4	1,273	4	2.8	2.9	-.03	2.9	-.06	2.9	-.06
								2	Sometimes	37	32	650	29	2,277	28	9,551	28							
								3	Often	52	44	1,033	46	3,504	43	14,949	44							
								4	Very often	25	21	510	22	2,074	25	8,434	25							
								Total		117	100	2,269	100	8,166	100	34,207	100							
f. Learned something that changed the way you understand an issue or concept				RInewview				1	Never	1	1	53	2	188	2	748	2	2.9	3.0	-.13	2.9	-.10	2.9	-.09
								2	Sometimes	39	33	576	25	2,196	27	9,331	27							
								3	Often	51	44	1,020	45	3,629	44	15,356	45							
								4	Very often	26	22	621	27	2,148	26	8,747	26							
								Total		117	100	2,270	100	8,161	100	34,182	100							
g. Connected ideas from your courses to your prior experiences and knowledge				RIconnect				1	Never	0	0	22	1	64	1	305	1	3.2	3.2	-.04	3.2	-.04	3.2	-.02
								2	Sometimes	25	21	344	15	1,241	15	5,379	16							
								3	Often	47	40	1,058	47	3,849	47	16,192	47							
								4	Very often	45	38	841	37	2,989	37	12,278	36							
								Total		117	100	2,265	100	8,143	100	34,154	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	5	4	273	12	817	10	4,073	12	2.7	2.5 *	.24	2.7	.09	2.6	.15
								2	Sometimes	47	40	970	43	3,129	38	13,201	39							
								3	Often	39	33	618	27	2,299	28	9,463	28							
								4	Very often	26	22	409	18	1,920	24	7,461	22							
								Total		117	100	2,270	100	8,165	100	34,198	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)				SFotherwork				1	Never	22	19	685	30	2,303	28	10,575	31	2.3	2.2	.14	2.3	.06	2.2	.12
								2	Sometimes	50	43	764	34	2,689	33	11,143	33							
								3	Often	28	24	498	22	1,760	22	6,970	20							
								4	Very often	17	15	325	14	1,409	17	5,487	16							
								Total		117	100	2,272	100	8,161	100	34,175	100							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		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		Mean	Effect size ⁿ		
														Effect size ⁿ	Mean		Effect size ⁿ	Mean	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	12	10	387	17	1,151	14	5,808	17	2.5	2.3	.16	2.5	.01	2.4	.09	
		2	Sometimes	52	44	988	44	3,350	41	14,153	41								
		3	Often	38	32	627	28	2,307	28	9,026	26								
		4	Very often	15	13	265	12	1,349	17	5,165	15								
		Total		117	100	2,267	100	8,157	100	34,152	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	20	17	537	24	1,403	17	6,727	20	2.2	2.1	.04	2.3 *	-.19	2.3	-.12	
		2	Sometimes	67	57	1,065	47	3,587	44	15,180	44								
		3	Often	20	17	475	21	2,089	26	8,039	24								
		4	Very often	10	9	188	8	1,070	13	4,204	12								
		Total		117	100	2,265	100	8,149	100	34,150	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	7	6	115	5	347	4	1,568	5	2.8	3.0 *	-.23	3.0 *	-.23	3.0 *	-.21	
		2	Some	29	25	524	23	1,967	24	8,284	24								
		3	Quite a bit	63	54	912	40	3,392	41	14,170	41								
		4	Very much	18	15	722	32	2,470	30	10,208	30								
		Total		117	100	2,273	100	8,176	100	34,230	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	36	2	131	2	713	2	3.2	3.2	.02	3.2	.00	3.2	.05	
		2	Some	22	19	331	15	1,218	15	5,393	16								
		3	Quite a bit	48	41	1,048	46	3,580	44	15,323	45								
		4	Very much	47	40	857	38	3,238	40	12,779	37								
		Total		117	100	2,272	100	8,167	100	34,208	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	1	73	3	249	3	1,178	3	3.0	3.1	-.02	3.1	-.08	3.1	-.04	
		2	Some	27	23	488	21	1,559	19	7,041	21								
		3	Quite a bit	56	48	955	42	3,462	42	14,354	42								
		4	Very much	33	28	754	33	2,895	35	11,614	34								
		Total		117	100	2,270	100	8,165	100	34,187	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	2	218	10	624	8	2,771	8	2.8	2.7	.05	2.8	-.03	2.8	.00	
		2	Some	39	34	665	29	2,305	28	9,848	29								
		3	Quite a bit	57	49	875	39	3,234	40	13,472	39								
		4	Very much	18	16	508	22	1,999	24	8,087	24								
		Total		116	100	2,266	100	8,162	100	34,178	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				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				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				4	3	120	5	403	5	1,721	5	2.9	2.9	.02	2.9	-.07	2.9	-.05
				34	29	648	29	2,005	25	8,875	26							
				53	45	955	42	3,542	43	14,522	43							
26	22	548	24	2,203	27	9,046	26											
Total		117	100	2,271	100	8,153	100	34,164	100									
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				2	2	32	1	116	1	521	2	3.1	3.1	.02	3.2	-.07	3.2	-.04
				14	12	367	16	1,238	15	5,419	16							
				66	56	1,139	50	3,757	46	15,865	46							
35	30	733	32	3,059	37	12,432	36											
Total		117	100	2,271	100	8,170	100	34,237	100									
b. Taught course sessions in an organized way				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				0	0	37	2	160	2	769	2	3.1	3.1	.05	3.1	.00	3.1	.03
				16	14	386	17	1,356	17	5,931	17							
				69	59	1,166	51	3,871	47	16,245	47							
32	27	683	30	2,788	34	11,287	33											
Total		117	100	2,272	100	8,175	100	34,232	100									
c. Used examples or illustrations to explain difficult points				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				0	0	40	2	132	2	642	2	3.2	3.2	.01	3.3	-.07	3.2	-.02
				14	12	330	15	1,098	13	5,096	15							
				65	56	1,040	46	3,481	43	14,516	42							
38	32	858	38	3,456	42	13,943	41											
Total		117	100	2,268	100	8,167	100	34,197	100									
d. Provided feedback on a draft or work in progress				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				13	11	314	14	795	10	3,758	11	2.8	2.5 **	.25	2.7	.02	2.7	.08
				24	21	830	37	2,472	30	10,751	31							
				56	48	715	32	2,905	36	11,829	35							
23	20	408	18	1,981	24	7,839	23											
Total		116	100	2,267	100	8,153	100	34,177	100									
e. Provided prompt and detailed feedback on tests or completed assignments				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				1	1	156	7	477	6	2,340	7	3.1	2.7 ***	.39	2.9 **	.24	2.8 ***	.29
				24	21	719	32	2,238	27	9,736	29							
				59	50	960	42	3,424	42	14,046	41							
33	28	424	19	2,013	25	7,986	23											
Total		117	100	2,259	100	8,152	100	34,108	100									

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k																											
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with																									
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	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		1		99		4		285		3		1,384		4		3.2		3.0 **		.25		3.0 *		.20		3.0 **		.24			
				2		Sometimes		20		17		597		26		1,935		24		8,629		25																	
				3		Often		52		45		851		38		3,302		40		13,601		40																	
				4		Very often		43		37		721		32		2,637		32		10,557		31																	
				Total				116		100		2,268		100		8,159		100		34,171		100																	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)				QRproblem		1		Never		8		7		350		15		1,119		14		4,949		14		2.8		2.6 **		.28		2.6 *		.22		2.6 **		.26	
				2		Sometimes		35		30		787		35		2,732		34		11,810		35																	
				3		Often		42		36		669		29		2,495		31		10,372		30																	
				4		Very often		31		27		466		21		1,809		22		7,036		21																	
				Total				116		100		2,272		100		8,155		100		34,167		100																	
c. Evaluated what others have concluded from numerical information				QRevaluate		1		Never		5		4		212		9		709		9		3,158		9		2.9		2.7 *		.21		2.7 *		.22		2.7 **		.25	
				2		Sometimes		35		30		736		32		2,716		33		11,546		34																	
				3		Often		42		36		799		35		2,899		36		12,273		36																	
				4		Very often		35		30		525		23		1,837		23		7,228		21																	
				Total				117		100		2,272		100		8,161		100		34,205		100																	
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																																							
a. Up to 5 pages				wrshortnum		0		None		2		2		154		7		536		7		2,509		7		8.7		7.2 *		.23		7.2 *		.23		7.0 **		.27	
				1.5		1-2		15		13		405		18		1,687		21		6,974		21																	
				4		3-5		29		25		682		30		2,277		28		9,852		29																	
				8		6-10		34		30		498		22		1,672		21		7,123		21																	
				13		11-15		19		17		235		10		871		11		3,388		10																	
				18		16-20		5		4		127		6		465		6		1,778		5																	
				23		More than 20		11		10		161		7		601		7		2,369		7																	
				Total				115		100		2,262		100		8,109		100		33,993		100																	
b. Between 6 and 10 pages				wrmednum		0		None		18		16		566		25		2,037		25		8,671		26		3.0		3.0		-.01		3.1		-.02		3.0		-.01	
				1.5		1-2		54		47		860		39		3,057		38		12,628		37																	
				4		3-5		30		26		494		22		1,837		23		7,715		23																	
				8		6-10		10		9		190		9		702		9		3,019		9																	
				13		11-15		2		2		73		3		239		3		1,001		3																	
				18		16-20		1		1		20		1		103		1		392		1																	
				23		More than 20		1		1		29		1		97		1		375		1																	
				Total				116		100		2,232		100		8,072		100		33,801		100																	

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with					
												Mean		Effect size ⁿ		Effect size ⁿ			
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	61	53	1,117	50	4,095	51	16,578	49	1.2	1.4	-.07	1.5	-.09	1.6	-.11	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	42	36	832	37	2,862	36	12,347	37								
	4	3-5	10	9	182	8	685	9	2,970	9									
	8	6-10	2	2	54	2	206	3	973	3									
	13	11-15	0	0	25	1	100	1	426	1									
	18	16-20	0	0	10	0	47	1	195	1									
	23	More than 20	1	1	12	1	49	1	246	1									
	Total			116	100	2,232	100	8,044	100	33,735	100								
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									68.6	66.9	.02	67.8	.01	68.1	.01	
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	3	3	113	5	451	6	1,703	5	2.7	3.0 ***	-.34	3.0 ***	-.32	3.0 ***	-.36	
		2	Sometimes	50	43	597	26	2,158	26	8,698	25								
		3	Often	41	35	659	29	2,374	29	10,046	29								
		4	Very often	23	20	902	40	3,195	39	13,810	40								
			Total	117	100	2,271	100	8,178	100	34,257	100								
b. People from an economic background other than your own	DDeconomic	1	Never	4	3	77	3	310	4	1,321	4	2.9	3.1 *	-.20	3.1 *	-.20	3.1 *	-.21	
		2	Sometimes	36	31	549	24	1,881	23	7,787	23								
		3	Often	46	39	802	35	2,955	36	12,118	35								
		4	Very often	31	26	838	37	2,999	37	12,961	38								
			Total	117	100	2,266	100	8,145	100	34,187	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	3	3	266	12	580	7	1,947	6	2.9	2.8	.12	3.0	-.05	3.0	-.11	
		2	Sometimes	38	32	688	30	2,095	26	8,526	25								
		3	Often	42	36	577	25	2,533	31	10,765	31								
		4	Very often	34	29	739	33	2,959	36	12,977	38								
			Total	117	100	2,270	100	8,167	100	34,215	100								
d. People with political views other than your own	DDpolitical	1	Never	1	1	108	5	405	5	1,868	5	3.0	2.9	.08	3.0	-.02	3.0	.04	
		2	Sometimes	35	30	704	31	2,111	26	9,749	29								
		3	Often	45	38	712	32	2,673	33	10,612	31								
		4	Very often	36	31	736	33	2,972	36	11,964	35								
			Total	117	100	2,260	100	8,161	100	34,193	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		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		Mean	Effect size ⁿ		
														Effect size ⁿ	Mean		Effect size ⁿ	Mean	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	2	47	2	164	2	723	2	3.2	3.1	.10	3.2	.09	3.1	.11	
		2	Sometimes	13	11	420	18	1,392	17	5,999	18								
		3	Often	58	50	953	42	3,545	43	14,973	44								
		4	Very often	44	38	853	38	3,063	38	12,541	37								
		Total		117	100	2,273	100	8,164	100	34,236	100								
b. Reviewed your notes after class	LSnotes	1	Never	10	9	179	8	493	6	2,267	7	2.7	2.8	-.07	2.9 *	-.23	2.9	-.18	
		2	Sometimes	37	32	767	34	2,337	29	10,426	30								
		3	Often	47	40	718	32	2,680	33	10,923	32								
		4	Very often	23	20	607	27	2,650	32	10,611	31								
		Total		117	100	2,271	100	8,160	100	34,227	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	5	4	165	7	558	7	2,311	7	2.7	2.8	-.17	2.9 *	-.22	2.8 *	-.21	
		2	Sometimes	48	41	695	31	2,341	29	10,098	30								
		3	Often	46	39	805	36	2,945	36	12,331	36								
		4	Very often	18	15	596	26	2,296	28	9,402	28								
		Total		117	100	2,261	100	8,140	100	34,142	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	2	2	16	1	60	1	269	1	5.4	5.6	-.14	5.7 *	-.21	5.6	-.16	
		2		0	0	28	1	88	1	430	1								
		3		3	3	84	4	276	3	1,208	4								
		4		16	14	196	9	686	8	3,159	9								
		5		40	34	679	30	2,219	27	9,867	29								
		6		34	29	714	32	2,472	30	10,061	29								
		7	Very much	22	19	549	24	2,354	29	9,189	27								
		Total		117	100	2,266	100	8,155	100	34,183	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		8	7	143	6	711	9	2,725	8	72%	59% **	.27	52% ***	.42	53% ***	.38	
		Do not plan to do		5	4	313	14	1,288	16	5,102	15								
		Plan to do		20	17	479	21	1,956	24	8,157	24								
		Done or in progress		84	72	1,340	59	4,219	52	18,262	53								
		Total		117	100	2,275	100	8,174	100	34,246	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

			Frequency Distributions								Statistical Comparisons ^k						
			NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	9	143	6	698	9	2,747	8	46%	53%	-.14	45%	.01	48%	-.03
		Do not plan to do	46	39	756	33	3,194	39	12,776	37							
		Plan to do	6	5	169	7	563	7	2,372	7							
		Done or in progress	54	46	1,204	53	3,716	45	16,330	48							
		Total	117	100	2,272	100	8,171	100	34,225	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	6	5	213	9	1,015	12	3,903	11	33%	24% *	.21	26%	.17	25% *	.17
		Do not plan to do	69	59	1,359	60	4,435	54	18,894	55							
		Plan to do	3	3	163	7	621	8	2,694	8							
		Done or in progress	39	33	539	24	2,082	26	8,691	25							
		Total	117	100	2,274	100	8,153	100	34,182	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	3	156	7	819	10	3,394	10	54%	21% ***	.70	17% ***	.80	19% ***	.76
		Do not plan to do	42	36	1,513	67	5,393	66	22,067	64							
		Plan to do	8	7	120	5	534	7	2,325	7							
		Done or in progress	63	54	481	21	1,418	17	6,431	19							
		Total	116	100	2,270	100	8,164	100	34,217	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	8	7	143	6	828	10	3,363	10	58%	56%	.04	51%	.14	49%	.18
		Do not plan to do	35	30	574	25	2,124	26	9,353	27							
		Plan to do	6	5	278	12	1,043	13	4,658	14							
		Done or in progress	68	58	1,276	56	4,167	51	16,825	49							
		Total	117	100	2,271	100	8,162	100	34,199	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	6	5	145	6	679	8	2,760	8	54%	39% **	.29	50%	.08	49%	.09
		Do not plan to do	23	20	790	35	1,765	22	7,968	23							
		Plan to do	25	21	444	20	1,662	20	6,666	19							
		Done or in progress	63	54	897	39	4,060	50	16,834	49							
		Total	117	100	2,276	100	8,166	100	34,228	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																	
	servcourse	1 None	50	43	1,030	45	3,452	42	15,882	46	1.6	1.6	-.04	1.7	-.12	1.6	-.04
		2 Some	65	56	1,132	50	4,175	51	16,256	48							
		3 Most	1	1	91	4	428	5	1,697	5							
		4 All	0	0	20	1	101	1	352	1							
		Total	116	100	2,273	100	8,156	100	34,187	100							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k								
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with						
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017			
													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	24	1	81	1	408	1	5.5	5.6	-0.04	5.6	-0.06	5.6	-0.01		
		2		2	2	28	1	119	1	531	2									
		3		3	3	106	5	288	4	1,432	4									
		4		11	9	209	9	830	10	3,557	10									
		5		30	26	567	25	2,083	25	8,820	26									
		6		48	41	712	31	2,386	29	10,004	29									
	7	Excellent	21	18	626	27	2,365	29	9,412	27										
	—	Not applicable	1	1	5	0	30	0	119	0										
		Total		117	100	2,277	100	8,182	100	34,283	100									
b. Academic advisors	QIadvisor	1	Poor	3	3	137	6	384	5	1,698	5	5.5	4.9 ***	▲	.33	5.2	.14	5.2 *	▲	.18
		2		4	3	172	8	418	5	1,806	5									
		3		8	7	205	9	565	7	2,629	8									
		4		9	8	311	14	955	12	4,297	13									
		5		24	21	451	20	1,494	18	6,438	19									
		6		33	28	430	19	1,687	21	6,833	20									
	7	Excellent	36	31	537	24	2,570	31	10,201	30										
	—	Not applicable	0	0	29	1	103	1	345	1										
		Total		117	100	2,272	100	8,176	100	34,247	100									
c. Faculty	QIfaculty	1	Poor	0	0	27	1	77	1	471	1	5.8	5.5 *	▲	.19	5.7	.06	5.5 *	▲	.17
		2		1	1	46	2	137	2	691	2									
		3		3	3	87	4	270	3	1,501	4									
		4		11	9	265	12	783	10	3,742	11									
		5		25	21	548	24	1,789	22	8,124	24									
		6		46	39	738	33	2,625	32	10,470	31									
	7	Excellent	31	26	549	24	2,443	30	9,039	26										
	—	Not applicable	0	0	7	0	30	0	118	0										
		Total		117	100	2,267	100	8,154	100	34,156	100									

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		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		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	3	3	108	5	383	5	1,635	5	4.8	4.7	.03	4.9	-.04	4.8	-.01	
		2		4	3	142	6	372	5	1,720	5								
		3		9	8	199	9	649	8	2,792	8								
		4		30	26	383	17	1,189	15	5,225	15								
		5		33	28	533	23	1,706	21	7,267	21								
		6		18	15	408	18	1,546	19	6,176	18								
		7	Excellent	15	13	333	15	1,294	16	5,258	15								
		—	Not applicable	5	4	164	7	1,020	13	4,130	12								
	Total			117	100	2,270	100	8,159	100	34,203	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	4	3	115	5	389	5	1,850	5	4.9	4.8	.07	4.9	.00	4.8	.07	
		2		1	1	119	5	457	6	1,950	6								
		3		13	11	202	9	635	8	3,088	9								
		4		22	19	401	18	1,284	16	5,802	17								
		5		37	32	544	24	1,928	24	8,004	23								
		6		21	18	440	19	1,705	21	6,584	19								
		7	Excellent	16	14	336	15	1,435	18	5,333	16								
		—	Not applicable	3	3	118	5	331	4	1,627	5								
	Total			117	100	2,275	100	8,164	100	34,238	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	0	0	26	1	120	1	501	1	3.2	3.3 **	-.25	3.2	-.08	3.2	-.10	
		2	Some	22	19	234	10	1,146	14	4,640	14								
		3	Quite a bit	53	45	943	41	3,656	45	15,079	44								
		4	Very much	42	36	1,072	47	3,257	40	14,012	41								
			Total			117	100	2,275	100	8,179	100								34,232
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	114	5	300	4	1,380	4	3.1	2.9 **	.26	3.0	.15	3.0 *	.18	
		2	Some	19	16	537	24	1,730	21	7,533	22								
		3	Quite a bit	62	53	1,002	44	3,629	45	15,128	44								
		4	Very much	36	31	609	27	2,491	31	10,096	30								
			Total			117	100	2,262	100	8,150	100								34,137
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	5	4	155	7	556	7	2,266	7	3.0	2.9 *	.18	2.9	.07	2.9	.08	
		2	Some	25	21	614	27	1,860	23	8,009	23								
		3	Quite a bit	51	44	916	40	3,210	39	13,502	39								
		4	Very much	36	31	584	26	2,542	31	10,416	30								
			Total			117	100	2,269	100	8,168	100								34,193

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				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	10	9	442	19	1,302	16	5,360	16	2.6	2.4 * △	.16	2.6	.03	2.6	.01
		2	Some	45	38	814	36	2,705	33	11,149	33							
		3	Quite a bit	46	39	627	28	2,508	31	10,592	31							
		4	Very much	16	14	387	17	1,643	20	7,078	21							
		Total		117	100	2,270	100	8,158	100	34,179	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	2	158	7	515	6	2,279	7	2.9	2.9	.04	2.9	.01	2.9	.02
		2	Some	34	29	593	26	2,115	26	8,896	26							
		3	Quite a bit	55	47	935	41	3,342	41	13,924	41							
		4	Very much	25	22	582	26	2,187	27	9,081	27							
		Total		116	100	2,268	100	8,159	100	34,180	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	2	174	8	729	9	2,899	8	2.9	2.8	.12	2.8	.12	2.8	.10
		2	Some	34	29	653	29	2,177	27	9,147	27							
		3	Quite a bit	53	45	877	39	3,186	39	13,264	39							
		4	Very much	28	24	564	25	2,070	25	8,881	26							
		Total		117	100	2,268	100	8,162	100	34,191	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	32	27	701	31	2,606	32	11,155	33	2.1	2.1	-.01	2.1	-.01	2.1	.01
		2	Some	53	45	881	39	3,087	38	12,911	38							
		3	Quite a bit	24	21	488	22	1,683	21	6,942	20							
		4	Very much	8	7	191	8	786	10	3,153	9							
		Total		117	100	2,261	100	8,162	100	34,161	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	7	235	10	960	12	3,909	11	2.7	2.7	.03	2.6	.10	2.7	.07
		2	Some	36	31	671	30	2,614	32	10,531	31							
		3	Quite a bit	52	44	890	39	2,991	37	12,658	37							
		4	Very much	21	18	473	21	1,594	20	7,070	21							
		Total		117	100	2,269	100	8,159	100	34,168	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	16	14	400	18	1,415	17	5,815	17	2.4	2.4	.06	2.4	.04	2.4	.02
		2	Some	42	36	898	40	3,134	38	12,922	38							
		3	Quite a bit	50	43	658	29	2,469	30	10,518	31							
		4	Very much	9	8	308	14	1,124	14	4,877	14							
		Total		117	100	2,264	100	8,142	100	34,132	100							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with					
														Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
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	
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	7	0	16	0	104	0	18.0	18.3	-.03	17.1	.10	17.1	.10	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	8	147	6	688	8	2,978	9								
		8	6-10 hrs	14	12	370	16	1,495	18	6,249	18								
		13	11-15 hrs	22	19	405	18	1,627	20	6,713	20								
		18	16-20 hrs	26	22	486	21	1,614	20	6,679	20								
		23	21-25 hrs	23	20	294	13	1,102	13	4,566	13								
		28	26-30 hrs	14	12	217	10	703	9	2,848	8								
		33	More than 30 hrs	9	8	345	15	927	11	4,099	12								
			Total	117	100	2,271	100	8,172	100	34,236	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	25	21	526	23	2,612	32	10,378	30	6.1	6.5	-.06	5.5	.08	5.9	.02	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	53	45	812	36	2,861	35	11,426	33								
		8	6-10 hrs	13	11	419	19	1,229	15	5,561	16								
		13	11-15 hrs	12	10	242	11	639	8	3,036	9								
		18	16-20 hrs	10	9	139	6	405	5	1,878	5								
		23	21-25 hrs	2	2	60	3	189	2	956	3								
		28	26-30 hrs	0	0	28	1	103	1	397	1								
		33	More than 30 hrs	2	2	34	2	118	1	531	2								
			Total	117	100	2,260	100	8,156	100	34,163	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	49	42	1,053	46	4,537	56	19,140	56	7.2	6.1	.15	5.1 **	.30	5.0 **	.30	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	12	223	10	739	9	2,976	9								
		8	6-10 hrs	20	17	388	17	1,170	14	4,909	14								
		13	11-15 hrs	13	11	276	12	743	9	3,212	9								
		18	16-20 hrs	9	8	260	11	668	8	2,640	8								
		23	21-25 hrs	6	5	44	2	183	2	748	2								
		28	26-30 hrs	5	4	14	1	52	1	270	1								
		33	More than 30 hrs	1	1	11	0	73	1	311	1								
			Total	117	100	2,269	100	8,165	100	34,206	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with					
				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	48	41	1,506	66	4,162	51	18,851	55	9.2	▲	5.1 ***	.45	8.9	.02	8.0	.11
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	8	142	6	482	6	1,935	6								
	8	6-10 hrs	14	12	152	7	582	7	2,264	7									
	13	11-15 hrs	12	10	130	6	580	7	2,350	7									
	18	16-20 hrs	15	13	133	6	743	9	2,853	8									
	23	21-25 hrs	8	7	76	3	550	7	2,104	6									
	28	26-30 hrs	8	7	43	2	359	4	1,370	4									
	33	More than 30 hrs	3	3	84	4	698	9	2,423	7									
	Total			117	100	2,266	100	8,156	100	34,150	100								
Estimated number of hours working for pay	tmworkhrs											16.4	▲	11.1 ***	.50	13.9 *	.21	13.0 **	.29
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	56	48	858	38	3,723	46	15,959	47	2.3	▼	3.2 *	-.21	3.0	-.15	3.0	-.15
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	42	1,041	46	3,176	39	12,965	38								
	8	6-10 hrs	9	8	226	10	749	9	3,067	9									
	13	11-15 hrs	1	1	75	3	267	3	1,071	3									
	18	16-20 hrs	2	2	30	1	137	2	554	2									
	23	21-25 hrs	0	0	16	1	44	1	243	1									
	28	26-30 hrs	0	0	5	0	17	0	90	0									
	33	More than 30 hrs	0	0	12	1	36	0	203	1									
	Total			117	100	2,263	100	8,149	100	34,152	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	1	37	2	207	3	792	2	11.9	▲	10.7	.16	10.5 *	.19	10.9	.13
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	16	579	26	2,190	27	8,746	26								
	8	6-10 hrs	39	34	708	31	2,517	31	10,202	30									
	13	11-15 hrs	24	21	443	20	1,496	18	6,616	19									
	18	16-20 hrs	25	22	264	12	903	11	3,929	11									
	23	21-25 hrs	4	3	100	4	368	5	1,654	5									
	28	26-30 hrs	0	0	46	2	170	2	746	2									
	33	More than 30 hrs	5	4	83	4	301	4	1,486	4									
	Total			116	100	2,260	100	8,152	100	34,171	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		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		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	100	85	1,873	83	6,069	74	26,253	77	1.3	1.9	-10	3.4 ***	-25	3.0 ***	-21	
		3	1-5 hrs	8	7	189	8	795	10	3,221	9								
		8	6-10 hrs	4	3	61	3	379	5	1,393	4								
		13	11-15 hrs	2	2	45	2	225	3	760	2								
		18	16-20 hrs	1	1	32	1	153	2	561	2								
		23	21-25 hrs	1	1	13	1	66	1	269	1								
		28	26-30 hrs	0	0	6	0	38	0	194	1								
		33	More than 30 hrs	1	1	49	2	429	5	1,485	4								
			Total	117	100	2,268	100	8,154	100	34,136	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	32	27	579	26	1,408	17	7,078	21	3.5	3.7	-05	4.7 ***	-24	4.7 **	-21	
		3	1-5 hrs	64	55	1,270	56	4,572	56	18,134	53								
		8	6-10 hrs	15	13	280	12	1,410	17	5,693	17								
		13	11-15 hrs	3	3	75	3	455	6	1,871	5								
		18	16-20 hrs	2	2	33	1	154	2	656	2								
		23	21-25 hrs	1	1	13	1	41	1	263	1								
		28	26-30 hrs	0	0	6	0	35	0	139	0								
		33	More than 30 hrs	0	0	11	0	97	1	412	1								
		Total	117	100	2,267	100	8,172	100	34,246	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	6	5	394	17	1,433	18	6,081	18	3.0	2.6 ***	.39	2.6 ***	.43	2.6 ***	.42	
		2	Some	38	32	792	35	2,900	36	11,817	35								
		3	About half	32	27	554	24	2,040	25	8,771	26								
		4	Most	27	23	393	17	1,364	17	5,656	17								
		5	Almost all	14	12	134	6	422	5	1,874	5								
			Total	117	100	2,267	100	8,159	100	34,199	100								
	tmreadinghrs											9.2	7.6 **	.26	7.1 ***	.34	7.1 ***	.33	
		<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																	

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k					
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
	tmreadinghrscol	1	0 hrs	0	0	7	0	16	0	102	0						
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	38	32	1,006	45	3,961	49	16,411	48						
		3	More than 5, up to 10 hrs	36	31	722	32	2,367	29	9,987	29						
		4	More than 10, up to 15 hrs	21	18	221	10	820	10	3,460	10						
		5	More than 15, up to 20 hrs	11	9	152	7	507	6	2,162	6						
		6	More than 20, up to 25 hrs	10	9	118	5	345	4	1,440	4						
		7	More than 25 hrs	1	1	33	1	124	2	540	2						
			Total	117	100	2,259	100	8,140	100	34,102	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	1	1	150	7	478	6	2,178	6	2.9	2.9	.05	3.0	-.01	2.9	.01
		2	Some	28	24	578	25	1,929	24	8,185	24							
		3	Quite a bit	65	56	903	40	3,262	40	13,565	40							
		4	Very much	23	20	638	28	2,484	30	10,257	30							
			Total	117	100	2,269	100	8,153	100	34,185	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	2	2	217	10	672	8	2,883	8	2.9	2.8 *	.16	2.9	.09	2.9	.10
		2	Some	27	23	602	26	2,049	25	8,899	26							
		3	Quite a bit	63	54	874	38	3,126	38	12,783	37							
		4	Very much	25	21	582	26	2,325	28	9,663	28							
			Total	117	100	2,275	100	8,172	100	34,228	100							
c. Thinking critically and analytically	pgthink	1	Very little	0	0	39	2	167	2	723	2	3.5	3.4	.08	3.4	.11	3.4	.15
		2	Some	10	9	223	10	865	11	3,866	11							
		3	Quite a bit	43	37	787	35	2,864	35	12,338	36							
		4	Very much	64	55	1,223	54	4,284	52	17,322	51							
			Total	117	100	2,272	100	8,180	100	34,249	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	0	0	66	3	254	3	1,125	3	3.4	3.3	.13	3.2	.14	3.2 *	.18
		2	Some	18	15	369	16	1,290	16	5,811	17							
		3	Quite a bit	39	33	756	33	2,833	35	12,198	36							
		4	Very much	60	51	1,082	48	3,791	46	15,106	44							
			Total	117	100	2,273	100	8,168	100	34,240	100							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		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		Mean	Effect size ⁿ	Mean	Effect size ⁿ
														Private Doc-Granting	Carnegie UG Program				
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	6	5	223	10	800	10	3,604	11	2.9	2.8	.12	2.8	.13	2.8	.17	
		2	Some	31	27	631	28	2,286	28	9,740	28								
		3	Quite a bit	43	37	748	33	2,756	34	11,589	34								
		4	Very much	36	31	674	30	2,339	29	9,331	27								
		Total		116	100	2,276	100	8,181	100	34,264	100								
f. Working effectively with others	pgothers	1	Very little	2	2	120	5	373	5	1,732	5	3.1	3.0	.15	3.0	.10	3.0	.12	
		2	Some	19	16	540	24	1,829	22	7,992	23								
		3	Quite a bit	63	54	934	41	3,371	41	13,771	40								
		4	Very much	33	28	678	30	2,601	32	10,723	31								
		Total		117	100	2,272	100	8,174	100	34,218	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	2	2	251	11	1,013	12	4,489	13	2.9	2.8	.12	2.7 **	.21	2.7 **	.22	
		2	Some	34	29	573	25	2,261	28	9,456	28								
		3	Quite a bit	48	41	765	34	2,715	33	11,279	33								
		4	Very much	32	28	682	30	2,190	27	9,032	26								
		Total		116	100	2,271	100	8,179	100	34,256	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	8	7	319	14	1,074	13	4,247	12	2.7	2.6	.08	2.7	.05	2.7	.01	
		2	Some	40	34	747	33	2,625	32	10,437	30								
		3	Quite a bit	48	41	681	30	2,553	31	11,042	32								
		4	Very much	21	18	523	23	1,920	23	8,514	25								
		Total		117	100	2,270	100	8,172	100	34,240	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	4	186	8	771	9	3,276	10	2.9	2.8	.11	2.8	.12	2.8	.14	
		2	Some	29	25	666	29	2,294	28	9,982	29								
		3	Quite a bit	55	47	824	36	2,950	36	12,070	35								
		4	Very much	28	24	596	26	2,152	26	8,905	26								
		Total		117	100	2,272	100	8,167	100	34,233	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	8	7	344	15	1,161	14	4,896	14	2.7	2.6	.15	2.6	.12	2.6	.10	
		2	Some	45	38	764	34	2,643	32	10,903	32								
		3	Quite a bit	36	31	674	30	2,589	32	10,759	32								
		4	Very much	28	24	487	21	1,750	21	7,573	22								
		Total		117	100	2,269	100	8,143	100	34,131	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Private Doc- Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	0	0	52	2	175	2	841	2	3.4	3.3	.17	3.3 *	.21	3.2 **	.26
		2	Fair	8	7	229	10	942	12	4,151	12							
		3	Good	49	42	927	41	3,423	42	14,892	43							
		4	Excellent	60	51	1,065	47	3,623	44	14,361	42							
			Total	117	100	2,273	100	8,163	100	34,245	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	5	4	118	5	419	5	1,729	5	3.3	3.2	.08	3.2	.08	3.2	.10
		2	Probably no	19	16	324	14	1,141	14	4,748	14							
		3	Probably yes	34	29	853	37	3,117	38	13,702	40							
		4	Definitely yes	59	50	983	43	3,494	43	14,111	41							
			Total	117	100	2,278	100	8,171	100	34,290	100							

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
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	71	83	1,930	78	6,174	81	24,889	79	93	79	1,806	79	6,580	80	27,139	79
		More than one	15	17	538	22	1,451	19	6,744	21	24	21	474	21	1,620	20	7,231	21
		Total	86	100	2,468	100	7,625	100	31,633	100	117	100	2,280	100	8,200	100	34,370	100
First major or expected first major, in NSSE's default related-major categories. <i>(This does not reflect any customization made for the Major Field Report.)</i>	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	23	1	49	1	243	1	0	0	13	1	57	1	246	1
		Biological Sci., Agriculture, & Natural Resources	58	67	1,728	70	5,640	74	23,063	73	68	58	1,534	67	5,686	69	23,701	69
		Physical Sci., Mathematics, & Computer Science	26	30	587	24	1,609	21	6,867	22	39	33	608	27	2,124	26	8,704	25
		Social Sciences	0	0	39	2	65	1	385	1	3	3	44	2	86	1	475	1
		Business	0	0	15	1	46	1	177	1	1	1	15	1	33	0	152	0
		Communications, Media, & Public Relations	0	0	3	0	3	0	30	0	0	0	0	0	5	0	32	0
		Education	0	0	13	1	53	1	137	0	1	1	17	1	56	1	177	1
		Engineering	2	2	36	1	59	1	327	1	5	4	28	1	54	1	390	1
		Health Professions	0	0	17	1	75	1	267	1	0	0	14	1	67	1	278	1
		Social Service Professions	0	0	6	0	14	0	86	0	0	0	3	0	15	0	136	0
		All Other	0	0	1	0	12	0	47	0	0	0	5	0	15	0	74	0
		Undecided, Undeclared	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0
		Total	86	100	2,468	100	7,625	100	31,633	100	117	100	2,281	100	8,198	100	34,368	100
Second major or expected second major, in NSSE's default related-major categories. <i>(This does not reflect any customization made for the Major Field Report.)</i>	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	2	13	83	15	179	12	862	13	4	17	62	13	186	12	831	12
		Biological Sci., Agriculture, & Natural Resources	1	7	129	24	370	26	1,687	25	5	21	112	24	442	27	2,002	28
		Physical Sci., Mathematics, & Computer Science	7	47	163	30	421	29	2,042	30	11	46	146	31	495	31	2,164	30
		Social Sciences	3	20	73	14	138	10	833	12	0	0	89	19	174	11	967	13
		Business	0	0	9	2	58	4	249	4	2	8	6	1	43	3	183	3
		Communications, Media, & Public Relations	0	0	5	1	7	0	35	1	0	0	7	1	13	1	54	1
		Education	0	0	11	2	55	4	176	3	1	4	16	3	72	4	218	3
		Engineering	0	0	19	4	57	4	193	3	0	0	5	1	27	2	143	2
		Health Professions	1	7	24	4	98	7	381	6	0	0	17	4	100	6	401	6
		Social Service Professions	0	0	8	1	27	2	105	2	1	4	2	0	20	1	76	1
		All Other	1	7	4	1	17	1	77	1	0	0	7	1	29	2	122	2
		Undecided, Undeclared	0	0	8	1	17	1	81	1	0	0	4	1	12	1	49	1
		Total	15	100	536	100	1,444	100	6,721	100	24	100	473	100	1,613	100	7,210	100

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		
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	77	90	2,288	93	6,807	90	28,271	90	0	0	5	0	7	0	50	0	
		Sophomore	9	10	132	5	657	9	2,566	8	2	2	23	1	56	1	271	1	
		Junior	0	0	29	1	84	1	451	1	20	17	319	14	735	9	3,177	9	
		Senior	0	0	6	0	15	0	91	0	93	79	1,900	83	7,187	88	30,100	88	
		Unclassified	0	0	6	0	20	0	92	0	2	2	29	1	174	2	622	2	
		Total	86	100	2,461	100	7,583	100	31,471	100	117	100	2,276	100	8,159	100	34,220	100	
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	1	1	18	1	166	2	639	2	8	7	181	8	1,155	14	4,427	13	
		Yes	85	99	2,427	99	7,369	98	30,667	98	108	93	2,082	92	6,964	86	29,591	87	
		Total	86	100	2,445	100	7,535	100	31,306	100	116	100	2,263	100	8,119	100	34,018	100	
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0	8	0	25	0	77	0	4	3	43	2	164	2	573	2
		1	0	0	0	4	0	22	0	95	0	1	1	29	1	157	2	666	2
		2	0	0	0	11	0	67	1	206	1	7	6	53	2	394	5	1,569	5
		3	7	8	73	3	291	4	1,253	4	42	36	221	10	855	10	3,853	11	
		4	64	74	705	29	1,896	25	9,709	31	50	43	678	30	2,325	29	10,906	32	
		5	10	12	833	34	2,809	37	10,911	35	12	10	704	31	2,307	28	9,443	28	
		6	3	3	479	19	1,486	20	5,381	17	0	0	334	15	1,084	13	3,981	12	
		7 or more	2	2	347	14	994	13	3,856	12	1	1	215	9	870	11	3,245	9	
Total	86	100	2,460	100	7,590	100	31,488	100	117	100	2,277	100	8,156	100	34,236	100			
b. Of these, how many are entirely online?	onlinenum	0	85	99	2,282	93	6,569	87	27,393	87	110	94	1,953	86	6,654	82	27,758	81	
		1	0	0	104	4	709	9	2,851	9	6	5	216	10	1,040	13	4,480	13	
		2	0	0	27	1	169	2	602	2	1	1	60	3	269	3	1,155	3	
		3	1	1	15	1	48	1	239	1	0	0	16	1	87	1	376	1	
		4	0	0	11	0	22	0	107	0	0	0	7	0	44	1	158	0	
		5	0	0	3	0	22	0	72	0	0	0	7	0	11	0	53	0	
		6	0	0	5	0	10	0	27	0	0	0	1	0	10	0	52	0	
		7 or more	0	0	8	0	7	0	38	0	0	0	6	0	5	0	59	0	
Total	86	100	2,455	100	7,556	100	31,329	100	117	100	2,266	100	8,120	100	34,091	100			
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecrscol	No courses taken online	85	99	2,282	93	6,569	87	27,389	87	110	94	1,953	86	6,654	82	27,758	81	
		Some courses taken online	0	0	140	6	890	12	3,592	11	7	6	276	12	1,320	16	5,758	17	
		All courses taken online	1	1	33	1	97	1	344	1	0	0	37	2	146	2	575	2	
		Total	86	100	2,455	100	7,556	100	31,325	100	117	100	2,266	100	8,120	100	34,091	100	

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
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	0	0	24	1	126	2	452	1	0	0	8	0	37	0	160	0
		C	0	0	56	2	199	3	780	2	0	0	29	1	166	2	832	2
		C+	1	1	77	3	327	4	1,294	4	0	0	52	2	372	5	1,461	4
		B-	1	1	113	5	462	6	1,887	6	4	3	113	5	590	7	2,386	7
		B	22	26	416	17	1,281	17	5,321	17	18	16	355	16	1,479	18	6,390	19
		B+	14	16	456	19	1,444	19	5,636	18	19	17	432	19	1,510	19	6,214	18
		A-	19	22	539	22	1,507	20	6,552	21	23	20	554	24	1,577	19	6,808	20
		A	29	34	774	32	2,219	29	9,494	30	51	44	731	32	2,419	30	9,939	29
		Total	86	100	2,455	100	7,565	100	31,416	100	115	100	2,274	100	8,150	100	34,190	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	83	97	2,331	95	7,069	93	29,264	93	97	83	1,897	83	5,247	64	23,026	67
		Started elsewhere	3	3	124	5	504	7	2,145	7	20	17	378	17	2,896	36	11,156	33
		Total	86	100	2,455	100	7,573	100	31,409	100	117	100	2,275	100	8,143	100	34,182	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 attend_com attend_col attend_none attend_other	Vocational or technical school	1	1	38	2	193	3	600	2	3	3	56	2	430	5	1,512	4
		Community or junior college	5	6	127	5	515	7	2,297	7	21	18	322	14	2,558	32	10,598	31
		4-year college or university other than this one	6	7	165	7	551	7	2,328	7	15	13	340	15	1,963	24	7,603	22
		None	75	89	2,093	86	6,198	82	25,680	82	82	71	1,600	71	4,051	50	17,602	52
		Other	2	2	55	2	195	3	808	3	3	3	62	3	261	3	1,039	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	1	97	4	366	5	1,442	5	3	3	38	2	299	4	1,219	4
		Bachelor's degree (B.A., B.S., etc.)	17	20	237	10	1,367	18	5,307	17	29	25	305	13	1,702	21	6,823	20
		Master's degree (M.A., M.S., etc.)	23	27	590	24	1,906	25	7,670	24	39	33	622	27	2,409	30	9,734	29
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	45	52	1,528	62	3,912	52	16,935	54	46	39	1,303	57	3,726	46	16,368	48
		Total	86	100	2,452	100	7,551	100	31,354	100	117	100	2,268	100	8,136	100	34,144	100

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
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	1	71	3	330	4	1,428	5	3	3	50	2	331	4	1,449	4
		High school diploma or G.E.D.	2	2	282	12	1,105	15	4,394	14	6	5	231	10	1,219	15	4,883	14
		Attended college, but did not complete degree	2	2	173	7	744	10	2,927	9	8	7	148	7	818	10	3,088	9
		Associate's degree (A.A., A.S., etc.)	5	6	162	7	748	10	2,839	9	9	8	129	6	864	11	3,197	9
		Bachelor's degree (B.A., B.S., etc.)	36	43	698	29	2,244	30	8,933	29	45	38	649	29	2,413	30	9,980	29
		Master's degree (M.A., M.S., etc.)	30	36	656	27	1,675	22	7,286	23	30	26	610	27	1,634	20	7,370	22
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	8	10	406	17	674	9	3,448	11	16	14	453	20	842	10	4,116	12
		Total	84	100	2,448	100	7,520	100	31,255	100	117	100	2,270	100	8,121	100	34,083	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	74	88	1,760	72	4,593	61	19,667	63	91	78	1,712	75	4,889	60	21,466	63
		First-generation	10	12	688	28	2,927	39	11,588	37	26	22	558	25	3,232	40	12,617	37
		Total	84	100	2,448	100	7,520	100	31,255	100	117	100	2,270	100	8,121	100	34,083	100
29. What is your gender identity?	genderid	Man	29	34	838	34	2,266	30	10,039	32	47	40	942	41	3,066	38	12,676	37
		Woman	57	66	1,563	64	5,162	68	20,711	66	67	57	1,292	57	4,883	60	20,689	61
		Another gender identity	0	0	30	1	65	1	313	1	2	2	12	1	72	1	319	1
		I prefer not to respond	0	0	21	1	68	1	318	1	1	1	25	1	119	1	475	1
		Total	86	100	2,452	100	7,561	100	31,381	100	117	100	2,271	100	8,140	100	34,159	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	84	99	2,204	90	6,901	92	29,010	93	1	1	20	1	66	1	381	1
		20-23	1	1	200	8	478	6	1,646	5	109	94	1,967	87	6,000	74	26,357	78
		24-29	0	0	15	1	80	1	292	1	4	3	218	10	1,260	16	4,611	14
		30-39	0	0	9	0	34	0	131	0	2	2	28	1	508	6	1,817	5
		40-55	0	0	11	0	23	0	72	0	0	0	18	1	205	3	633	2
		Over 55	0	0	1	0	5	0	11	0	0	0	3	0	34	0	97	0
		Total	85	100	2,440	100	7,521	100	31,162	100	116	100	2,254	100	8,073	100	33,896	100
31a. Are you an international student? [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	internat	No	84	99	2,253	93	7,206	96	29,544	95	116	100	2,118	94	7,855	97	32,715	97
		Yes	1	1	182	7	300	4	1,594	5	0	0	133	6	219	3	1,174	3
		Total	85	100	2,435	100	7,506	100	31,138	100	116	100	2,251	100	8,074	100	33,889	100
	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	11	6	32	11	159	11	0	0	6	5	23	11	121	11
		Asia	1	100	98	57	131	47	845	56	0	0	77	63	95	47	577	53
		Canada	0	0	14	8	15	5	61	4	0	0	10	8	17	8	63	6
		Europe	0	0	24	14	33	12	137	9	0	0	14	11	19	9	112	10
		Latin America and Caribbean	0	0	18	10	46	16	188	12	0	0	10	8	28	14	154	14
		Middle East and North Africa	0	0	7	4	21	8	97	6	0	0	5	4	15	7	52	5
		Oceania	0	0	0	0	2	1	17	1	0	0	1	1	7	3	13	1
Unknown region/uncoded	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
Total	1	100	172	100	280	100	1,505	100	0	0	123	100	204	100	1,092	100		

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
Item wording or description	Variable name	Response options	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	0	0	43	2	170	2	687	2	1	1	36	2	183	2	699	2
	re_asian	Asian	3	3	455	19	743	10	4,202	13	5	4	360	16	679	8	3,897	11
	re_black	Black or African American	2	2	150	6	804	11	3,102	10	1	1	73	3	512	6	2,208	6
	re_latino	Hispanic or Latino	6	7	308	13	866	11	3,947	13	4	3	204	9	693	9	3,455	10
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	24	1	98	1	358	1	0	0	16	1	98	1	288	1
	re_white	White	75	87	1,560	64	5,194	69	20,625	66	103	88	1,642	72	6,098	75	24,277	71
	re_other	Other	0	0	76	3	218	3	809	3	1	1	64	3	225	3	956	3
	re_pnr	I prefer not to respond	4	5	72	3	206	3	855	3	5	4	71	3	343	4	1,380	4
	Racial or ethnic identification	re_all	American Indian or Alaska Native	0	0	8	0	33	0	130	0	0	0	7	0	36	0	142
(Recoded from re_amind to re_pnr where each student is represented only once.)		Asian	3	3	392	16	583	8	3,389	11	5	4	297	13	503	6	3,107	9
		Black or African American	1	1	102	4	636	8	2,408	8	1	1	51	2	400	5	1,738	5
		Hispanic or Latino	3	3	201	8	589	8	2,735	9	2	2	133	6	468	6	2,339	7
		Native Hawaiian/Other Pac. Islander	0	0	8	0	32	0	95	0	0	0	6	0	31	0	80	0
		White	71	83	1,387	57	4,660	62	18,293	59	100	85	1,495	66	5,591	69	22,046	65
		Other	0	0	50	2	133	2	465	1	1	1	39	2	132	2	551	2
		Multiracial	4	5	222	9	661	9	2,863	9	3	3	168	7	610	8	2,659	8
		I prefer not to respond	4	5	72	3	206	3	855	3	5	4	71	3	343	4	1,380	4
	Total	86	100	2,442	100	7,533	100	31,233	100	117	100	2,267	100	8,114	100	34,042	100	
33. Are you a member of a social fraternity or sorority?	greek	No	85	99	2,226	91	7,001	93	28,504	91	114	97	1,987	88	7,417	91	30,343	89
		Yes	1	1	224	9	544	7	2,793	9	3	3	280	12	708	9	3,735	11
		Total	86	100	2,450	100	7,545	100	31,297	100	117	100	2,267	100	8,125	100	34,078	100
34. Which of the following best describes where you are living while attending college?	living	Residence hall, dormitory or other camp.	79	92	1,892	77	5,302	70	22,717	73	26	23	692	31	1,513	19	7,760	23
		Fraternity or sorority house	1	1	8	0	21	0	175	1	0	0	29	1	60	1	501	1
		Residence (house, apartment, etc.) within walking distance to the institution	2	2	188	8	500	7	1,833	6	53	46	934	41	2,597	32	9,957	29
		Residence (house, apartment, etc.) farther than walking distance to the institution	4	5	305	12	1,447	19	5,560	18	35	30	562	25	3,676	45	14,807	44
		None of the above	0	0	51	2	257	3	912	3	1	1	50	2	261	3	993	3
		Total	86	100	2,444	100	7,527	100	31,197	100	115	100	2,267	100	8,107	100	34,018	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	69	80	2,286	93	6,749	90	27,771	89	102	87	2,121	94	7,545	93	31,403	92
		Yes	17	20	161	7	777	10	3,427	11	15	13	147	6	557	7	2,587	8
		Total	86	100	2,447	100	7,526	100	31,198	100	117	100	2,268	100	8,102	100	33,990	100

NSSE 2017 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		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
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	82	96	2,415	99	7,415	99	30,674	98	115	98	2,229	99	7,742	96	32,709	96
		Yes	3	4	23	1	101	1	507	2	2	2	33	1	357	4	1,275	4
		Total	85	100	2,438	100	7,516	100	31,181	100	117	100	2,262	100	8,099	100	33,984	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	75	87	2,105	86	6,468	86	26,937	86	98	84	1,948	86	6,754	83	28,765	84
		Yes	9	10	247	10	835	11	3,344	11	19	16	253	11	1,103	14	4,203	12
		I prefer not to respond	2	2	93	4	244	3	1,012	3	0	0	64	3	267	3	1,105	3
		Total	86	100	2,445	100	7,547	100	31,293	100	117	100	2,265	100	8,124	100	34,073	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	35	14	129	16	502	15	0	0	30	12	121	11	482	12
	dis_mobility	A mobility impairment	1	13	14	6	43	5	179	5	1	5	10	4	86	8	312	7
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	4	50	87	36	326	39	1,387	42	6	32	93	37	517	47	1,832	44
	dis_mental	A mental health disorder	6	75	122	50	376	45	1,482	45	12	63	113	45	450	41	1,900	45
	dis_other	A disability or impairment not listed above	0	0	45	18	158	19	572	17	3	16	52	21	219	20	777	19
Disability or impairment	disability_all	A sensory impairment	0	0	22	1	83	1	327	1	0	0	23	1	55	1	267	1
	(Recoded from disability and dis_sense to dis_other where each student is represented only once.)	A mobility impairment	0	0	9	0	22	0	103	0	1	1	8	0	45	1	147	0
		A learning disability	2	2	50	2	210	3	892	3	4	3	65	3	352	4	1,168	3
		A mental health disorder	4	5	82	3	239	3	950	3	10	9	79	3	278	3	1,193	4
		A disability or impairment not listed	0	0	31	1	97	1	365	1	1	1	36	2	130	2	477	1
		More than one disability or impairment	2	2	51	2	177	2	690	2	3	3	41	2	238	3	929	3
		No disability or impairment	75	88	2,105	86	6,468	86	26,937	86	98	84	1,948	86	6,754	83	28,765	84
		Prefer not to respond	2	2	93	4	244	3	1,012	3	0	0	64	3	267	3	1,105	3
	Total	85	100	2,443	100	7,540	100	31,276	100	117	100	2,264	100	8,119	100	34,051	100	
38. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	76	88	1,139	85	4,607	86	17,725	85	104	89	1,136	89	4,945	86	19,322	85
		Bisexual	1	1	67	5	278	5	1,168	6	6	5	44	3	258	4	1,159	5
		Gay	1	1	19	1	57	1	290	1	1	1	13	1	92	2	409	2
		Lesbian	3	3	6	0	49	1	199	1	0	0	5	0	45	1	202	1
		Queer	0	0	8	1	36	1	149	1	0	0	9	1	33	1	193	1
		Questioning or unsure	1	1	17	1	76	1	316	2	1	1	17	1	56	1	256	1
		Another sexual orientation	1	1	20	1	86	2	361	2	2	2	8	1	96	2	353	2
		I prefer not to respond	3	3	58	4	171	3	705	3	3	3	44	3	212	4	920	4
		Total	86	100	1,334	100	5,360	100	20,913	100	117	100	1,276	100	5,737	100	22,814	100

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017		NSSEville State		Private Doc-Granting		Carnegie UG Program		NSSE 2016 & 2017	
			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	56	65	1,610	65	5,295	69	21,298	67	67	57	1,319	58	5,024	61	21,246	62
		Male	30	35	858	35	2,330	31	10,335	33	50	43	962	42	3,174	39	13,122	38
		Total	86	100	2,468	100	7,625	100	31,633	100	117	100	2,281	100	8,198	100	34,368	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	4	0	48	1	165	1	0	0	6	0	44	1	159	1
		Asian	3	3	293	13	481	7	2,398	9	5	4	230	11	446	6	2,441	8
		Black or African American	0	0	101	5	581	8	2,158	8	1	1	48	2	399	5	1,621	5
		Hispanic or Latino	6	7	247	11	804	11	3,323	12	4	3	167	8	661	9	2,961	10
		Native Hawaiian/Other Pac. Islander	0	0	2	0	27	0	54	0	0	0	3	0	35	0	64	0
		White	69	80	1,251	56	4,487	63	16,591	60	106	91	1,375	65	5,395	70	20,272	66
		Other	0	0	0	0	4	0	10	0	0	0	0	0	1	0	3	0
		Foreign or nonresident alien	1	1	150	7	206	3	1,240	4	0	0	114	5	158	2	936	3
		Two or more races/ethnicities	2	2	98	4	253	4	1,067	4	1	1	72	3	263	3	1,056	3
		Unknown	5	6	94	4	198	3	838	3	0	0	94	4	268	3	1,061	3
		Total	86	100	2,240	100	7,089	100	27,844	100	117	100	2,109	100	7,670	100	30,574	100
Institution-reported: Class level	IRclass	Freshman/First-Year	86	100	2,468	100	7,625	100	31,634	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	117	100	2,281	100	8,200	100	34,371	100	
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	86	100	2,468	100	7,625	100	31,634	100	117	100	2,281	100	8,200	100	34,371	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	1	1	109	4	595	8	2,327	7	117	100	2,281	100	8,167	100	34,088	99
		First-time first-year	85	99	2,359	96	7,030	92	29,307	93	0	0	0	0	33	0	282	1
		Total	86	100	2,468	100	7,625	100	31,634	100	117	100	2,281	100	8,200	100	34,370	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	0	0	23	1	188	2	764	2	6	5	86	4	974	12	3,802	11
		Full-time	86	100	2,445	99	7,437	98	30,870	98	111	95	2,195	96	7,226	88	30,569	89
		Total	86	100	2,468	100	7,625	100	31,634	100	117	100	2,281	100	8,200	100	34,371	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 $\pm 1.96 * SEM$.
- 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. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (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.