
NSSEville State University

NSSE 2015 Major Field Report, Part II

Comparisons to Other Institutions

Sci & Math

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

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

Note:

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

About Your Major Field Report, Part II

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

NSSE results included in MFR, Part II

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

Related-Major Groups

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

Sample

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

Class

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

Technical Requirements

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

Report Sections

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

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Overview of Engagement Indicators: Sci & Math

NSSEville State University

Engagement Indicators: Overview

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

Use the following key:

- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- No significant difference.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Theme	Engagement Indicator	First-Year Students in Sci & Math			Seniors in Sci & Math		
		Your first-year students compared with GPC Peers	Your first-year students compared with Private Master's S	Your first-year students compared with NSSE 2014 & 2015	Your seniors compared with GPC Peers	Your seniors compared with Private Master's S	Your seniors compared with NSSE 2014 & 2015
Academic Challenge	Higher-Order Learning	--	--	△	--	--	--
	Reflective & Integrative Learning	--	--	△	--	--	△
	Learning Strategies	--	--	--	▽	▽	▽
	Quantitative Reasoning	--	--	--	--	--	--
Learning with Peers	Collaborative Learning	--	--	△	△	--	△
	Discussions with Diverse Others	--	--	--	▽	▽	▽
Experiences with Faculty	Student-Faculty Interaction	--	--	--	--	--	--
	Effective Teaching Practices	--	--	--	--	--	--
Campus Environment	Quality of Interactions	△	△	▲	--	--	△
	Supportive Environment	--	--	△	--	--	--

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

First-year students^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
NSSEville State (N = 143)	43.7	11.3	.95	25	35	45	55	60				
GPC Peers	42.0	13.0	.31	20	35	40	55	60	1,947	1.7		.133
Private Master's S	42.4	13.0	.77	20	35	40	55	60	427	1.3		.102
NSSE 2014 & 2015	40.9	13.5	.08	20	30	40	50	60	25,774	2.8	*	.209
Reflective & Integrative Learning												
NSSEville State (N = 146)	38.3	11.0	.91	20	31	37	46	60				
GPC Peers	36.5	11.7	.27	20	29	37	43	57	1,992	1.9		.161
Private Master's S	36.6	12.6	.74	17	26	37	44	60	436	1.7		.143
NSSE 2014 & 2015	35.8	12.3	.08	17	26	34	43	60	26,405	2.5	*	.203
Learning Strategies												
NSSEville State (N = 146)	41.0	12.1	1.00	27	33	40	47	60				
GPC Peers	40.9	13.6	.32	20	33	40	53	60	176	.0		.001
Private Master's S	41.1	14.1	.83	20	27	40	53	60	332	-.1		-.007
NSSE 2014 & 2015	40.8	14.0	.09	20	33	40	53	60	147	.2		.013
Quantitative Reasoning												
NSSEville State (N = 146)	31.6	15.2	1.26	7	20	33	40	60				
GPC Peers	31.0	15.6	.36	7	20	33	40	60	1,967	.6		.037
Private Master's S	30.4	16.5	.98	0	20	27	40	60	428	1.2		.075
NSSE 2014 & 2015	31.1	15.9	.10	7	20	33	40	60	26,269	.5		.030
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 144)	38.5	12.5	1.04	20	25	40	50	60				
GPC Peers	36.4	13.4	.31	15	25	35	45	60	1,964	2.1		.158
Private Master's S	36.2	13.2	.78	15	25	35	45	60	429	2.2		.172
NSSE 2014 & 2015	35.4	13.8	.09	15	25	35	45	60	26,017	3.1	**	.221
Discussions with Diverse Others												
NSSEville State (N = 146)	42.5	12.6	1.04	25	30	45	50	60				
GPC Peers	42.6	14.5	.34	20	35	40	55	60	177	-.1		-.009
Private Master's S	42.6	15.4	.90	15	30	45	60	60	347	-.1		-.010
NSSE 2014 & 2015	42.2	15.4	.10	15	30	40	60	60	147	.3		.020

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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 = 145)	22.4	13.5	1.12	5	15	20	30	50				
GPC Peers	23.7	14.0	.33	5	15	20	30	50	1,959	-1.4		-.097
Private Master's S	24.2	14.6	.86	5	15	20	30	55	431	-1.9		-.131
NSSE 2014 & 2015	21.9	14.7	.09	0	10	20	30	50	26,077	.4		.030
Effective Teaching Practices												
NSSEville State (N = 147)	42.2	10.2	.85	24	36	40	52	60				
GPC Peers	42.6	12.2	.28	20	36	44	52	60	181	-.4		-.032
Private Master's S	42.8	13.1	.77	16	36	44	52	60	363	-.6		-.050
NSSE 2014 & 2015	40.8	12.8	.08	20	32	40	52	60	149	1.4		.110
Campus Environment												
Quality of Interactions												
NSSEville State (N = 144)	45.9	8.7	.73	30	40	46	53	60				
GPC Peers	44.3	11.1	.26	24	38	46	52	60	182	1.6	*	.150
Private Master's S	43.4	12.1	.71	20	36	46	52	60	377	2.6	*	.231
NSSE 2014 & 2015	42.2	11.9	.07	20	36	44	50	60	146	3.7	***	.310
Supportive Environment												
NSSEville State (N = 148)	40.5	10.9	.89	20	34	40	48	60				
GPC Peers	39.8	13.0	.30	18	30	40	50	60	183	.6		.050
Private Master's S	39.1	13.7	.80	18	30	40	50	60	360	1.3		.104
NSSE 2014 & 2015	38.6	13.4	.08	18	30	40	49	60	150	1.8	*	.136

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
NSSEville State (N = 119)	42.2	10.7	.98	25	35	40	50	60				
GPC Peers	42.1	13.2	.31	20	35	40	55	60	143	.1		.008
Private Master's S	44.1	13.5	.75	20	35	45	60	60	263	-1.9		-.150
NSSE 2014 & 2015	40.7	14.0	.08	15	30	40	50	60	120	1.5		.110
Reflective & Integrative Learning												
NSSEville State (N = 121)	39.9	11.4	1.03	20	31	40	49	60				
GPC Peers	37.7	12.4	.29	17	29	37	46	60	1,901	2.2		.179
Private Master's S	38.4	12.2	.67	20	29	40	46	60	447	1.5		.127
NSSE 2014 & 2015	36.8	12.7	.07	17	29	37	46	60	30,628	3.1	**	.247
Learning Strategies												
NSSEville State (N = 121)	36.7	14.7	1.34	13	27	33	47	60				
GPC Peers	40.9	14.1	.34	20	33	40	53	60	1,870	-4.1	**	-.291
Private Master's S	41.5	14.1	.78	20	33	40	53	60	443	-4.7	**	-.332
NSSE 2014 & 2015	40.6	14.4	.08	20	33	40	53	60	30,211	-3.9	**	-.268
Quantitative Reasoning												
NSSEville State (N = 122)	38.4	14.4	1.31	20	27	40	53	60				
GPC Peers	37.2	16.0	.38	13	27	40	53	60	1,902	1.2		.075
Private Master's S	37.7	16.1	.89	7	27	40	47	60	451	.7		.043
NSSE 2014 & 2015	36.0	16.2	.09	7	20	40	47	60	122	2.4		.148
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 120)	39.6	11.3	1.04	20	30	40	48	60				
GPC Peers	37.2	13.6	.32	15	25	35	50	60	143	2.4	*	.175
Private Master's S	38.0	13.6	.75	20	30	40	50	60	251	1.5		.119
NSSE 2014 & 2015	35.9	13.9	.08	15	25	35	45	60	120	3.7	***	.262
Discussions with Diverse Others												
NSSEville State (N = 122)	37.2	13.7	1.24	15	30	35	45	60				
GPC Peers	40.4	15.1	.36	20	30	40	55	60	1,887	-3.3	*	-.218
Private Master's S	41.2	15.6	.86	15	30	40	60	60	450	-4.0	*	-.266
NSSE 2014 & 2015	41.5	15.8	.09	15	30	40	60	60	122	-4.3	***	-.276

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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 = 120)	29.6	13.0	1.19	10	20	30	40	55				
GPC Peers	30.9	15.6	.37	10	20	30	40	60	143	-1.3		-.084
Private Master's S	31.4	15.4	.85	10	20	30	40	60	248	-1.8		-.121
NSSE 2014 & 2015	27.8	16.3	.09	5	15	25	40	60	120	1.8		.109
Effective Teaching Practices												
NSSEville State (N = 122)	42.6	10.2	.93	28	36	40	48	60				
GPC Peers	43.1	12.0	.28	20	36	44	52	60	145	-.4		-.037
Private Master's S	43.7	12.0	.66	20	36	44	52	60	253	-1.0		-.090
NSSE 2014 & 2015	41.2	13.0	.07	20	32	40	52	60	123	1.4		.111
Campus Environment												
Quality of Interactions												
NSSEville State (N = 120)	44.4	9.3	.85	28	38	46	50	60				
GPC Peers	43.7	10.5	.25	24	38	44	50	60	1,881	.7		.068
Private Master's S	44.7	10.5	.58	24	38	46	53	60	447	-.3		-.028
NSSE 2014 & 2015	42.2	11.4	.07	22	36	44	50	60	120	2.2	*	.194
Supportive Environment												
NSSEville State (N = 122)	35.0	11.0	1.00	18	28	35	43	53				
GPC Peers	35.9	12.8	.30	15	28	35	45	60	144	-.9		-.074
Private Master's S	34.7	13.7	.75	13	25	35	43	60	266	.3		.022
NSSE 2014 & 2015	34.4	13.7	.08	13	25	35	43	60	123	.6		.043

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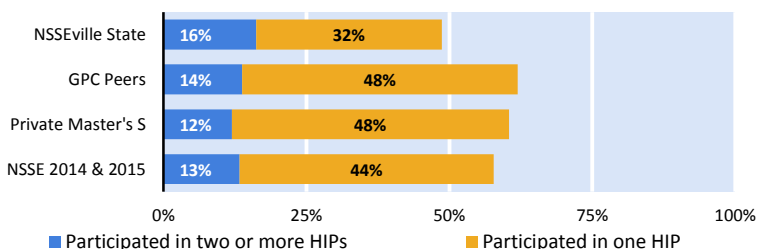
High-Impact Practices: Sci & Math

NSSEville State University

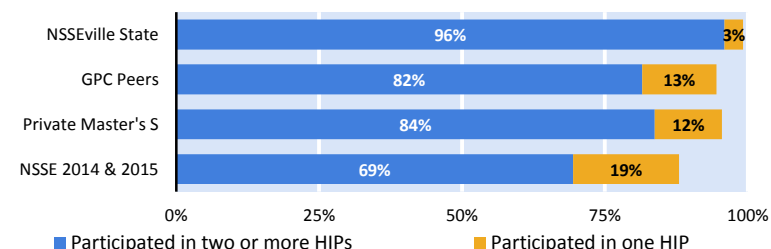
Overall HIP Participation^a

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

First-Year Students in Sci & Math



Seniors in Sci & Math



Statistical Comparisons^a

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

	NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
<i>First-Year Students in Sci & Math</i>	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	29		13 ***	.38	17 **	.28	17 ***	.29
12. Service-learning	32		55 ***	-.46	50 ***	-.37	49 ***	-.33
11e. Research with faculty	6		9	-.12	6	-.01	8	-.08
Participated in at least one	49		62 **	-.27	60 *	-.24	58 *	-.18
Participated in two or more	16		14	.07	12	.12	13	.08
<i>Seniors in Sci & Math</i>	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	45		25 ***	.42	26 ***	.40	25 ***	.42
12. Service-learning	52		64 **	-.25	66 **	-.29	53	-.03
11e. Research with faculty	57		61	-.07	53	.10	50	.15
11a. Internship or field exp.	80		60 ***	.44	60 ***	.44	54 ***	.56
11d. Study abroad	77		25 ***	1.10	22 ***	1.18	19 ***	1.25
11f. Culminating senior exp.	50		68 ***	-.36	65 **	-.31	49	.03
Participated in at least one	99		95 *	.29	95	.25	88 ***	.53
Participated in two or more	96		82 ***	.48	84 ***	.42	69 ***	.76

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your first-year students compared with				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	1	1	14	1	4	1	753	3	3.2	3.1	.09	3.1	.12	2.9 ***	.31
		2	Sometimes	33	22	471	25	74	25	8,595	33							
		3	Often	54	36	684	37	111	38	9,420	36							
		4	Very often	60	41	683	37	104	35	7,625	29							
		Total	148	100	1,852	100	293	100	26,393	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	16	11	289	16	41	14	4,218	16	2.4	2.5	-.04	2.6	-.18	2.5	-.08
		2	Sometimes	70	48	695	38	90	31	9,091	35							
		3	Often	40	27	529	29	100	34	7,902	30							
		4	Very often	21	14	334	18	60	21	5,097	19							
		Total	147	100	1,847	100	291	100	26,308	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	4	3	66	4	13	4	1,256	5	3.1	3.1	.03	3.1	.01	3.1	.10
		2	Often	12	8	170	9	22	8	2,848	11							
		3	Sometimes	89	61	1,087	59	168	58	15,008	57							
		4	Never	41	28	523	28	88	30	7,160	27							
		Total	146	100	1,846	100	291	100	26,272	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	10	7	471	26	87	30	8,655	33	2.5	2.2 ***	.35	2.1 ***	.47	2.0 ***	.55
		2	Sometimes	76	52	796	43	123	42	11,121	42							
		3	Often	38	26	385	21	55	19	4,506	17							
		4	Very often	21	14	192	10	26	9	1,971	8							
		Total	145	100	1,844	100	291	100	26,253	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	4	3	85	5	10	3	1,502	6	2.9	2.8 *	.18	2.9	.09	2.7 **	.21
		2	Sometimes	42	29	664	36	101	35	9,542	36							
		3	Often	60	41	662	36	102	35	9,340	36							
		4	Very often	40	27	432	23	78	27	5,902	22							
		Total	146	100	1,843	100	291	100	26,286	100								
f. Explained course material to one or more students	CLexplain	1	Never	0	0	33	2	8	3	611	2	3.0	2.9	.04	2.9	.06	2.9	.08
		2	Sometimes	43	29	550	30	77	26	8,051	31							
		3	Often	65	45	768	42	136	47	10,891	41							
		4	Very often	38	26	491	27	70	24	6,703	26							
		Total	146	100	1,842	100	291	100	26,256	100								

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Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your first-year students compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	6	4	163	9	30	10	2,621	10	2.9	2.8	.13	2.7	.17	2.7 *	.16
		2	Sometimes	54	37	616	33	94	32	8,843	34							
		3	Often	39	27	588	32	95	33	8,159	31							
		4	Very often	48	33	486	26	72	25	6,719	26							
		Total	147	100	1,853	100	291	100	26,342	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	1	67	4	7	2	1,499	6	2.9	2.8	.15	2.8	.17	2.7 **	.24
		2	Sometimes	44	30	645	35	108	37	9,843	37							
		3	Often	66	45	727	39	114	39	9,513	36							
		4	Very often	35	24	409	22	62	21	5,446	21							
		Total	146	100	1,848	100	291	100	26,301	100								
i. Given a course presentation	present	1	Never	9	6	284	15	42	14	5,084	19	2.4	2.3	.09	2.3	.07	2.2 *	.16
		2	Sometimes	87	60	925	50	150	52	12,750	49							
		3	Often	39	27	458	25	67	23	5,996	23							
		4	Very often	11	8	174	9	31	11	2,428	9							
		Total	146	100	1,841	100	290	100	26,258	100								
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	1	83	4	18	6	1,523	6	2.7	2.7	.05	2.7	.08	2.7	.05
		2	Sometimes	60	41	727	39	117	40	10,025	38							
		3	Often	59	40	716	39	99	34	9,850	37							
		4	Very often	25	17	327	18	57	20	4,909	19							
		Total	146	100	1,853	100	291	100	26,307	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	4	3	117	6	24	8	2,149	8	2.8	2.6	.15	2.7	.12	2.6 *	.18
		2	Sometimes	55	37	746	40	108	37	10,495	40							
		3	Often	61	41	683	37	103	36	9,148	35							
		4	Very often	27	18	298	16	55	19	4,380	17							
		Total	147	100	1,844	100	290	100	26,172	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	6	4	129	7	26	9	2,538	10	2.8	2.6 *	.17	2.6	.14	2.6 **	.23
		2	Sometimes	54	37	761	41	110	38	10,739	41							
		3	Often	56	38	632	34	97	33	8,634	33							
		4	Very often	31	21	317	17	58	20	4,282	16							
		Total	147	100	1,839	100	291	100	26,193	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your first-year students compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	4	3	81	4	19	7	1,363	5	2.8	2.8	.04	2.7	.10	2.8	.06
		2	Sometimes	44	30	601	33	99	34	8,482	32							
		3	Often	72	49	776	42	112	38	10,964	42							
		4	Very often	27	18	385	21	62	21	5,380	21							
		Total	147	100	1,843	100	292	100	26,189	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	1	1	54	3	7	2	888	3	3.0	2.9	.14	2.9	.09	2.9 *	.15
		2	Sometimes	35	24	543	29	86	30	7,646	29							
		3	Often	72	49	777	42	114	39	11,051	42							
		4	Very often	39	27	468	25	84	29	6,578	25							
		Total	147	100	1,842	100	291	100	26,163	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	1	1	46	3	7	2	756	3	3.0	2.9	.12	3.0	.09	2.9 *	.18
		2	Sometimes	34	23	493	27	70	24	7,815	30							
		3	Often	70	48	831	45	140	48	11,149	43							
		4	Very often	41	28	470	26	74	25	6,460	25							
		Total	146	100	1,840	100	291	100	26,180	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	16	1	4	1	336	1	3.3	3.2	.14	3.2	.14	3.1 **	.22
		2	Sometimes	19	13	301	16	45	16	4,999	19							
		3	Often	65	45	837	46	131	45	11,710	45							
		4	Very often	62	42	681	37	110	38	9,075	35							
		Total	146	100	1,835	100	290	100	26,120	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	27	18	228	12	41	14	4,628	18	2.2	2.4 *	-.17	2.5 *	-.24	2.3	-.06
		2	Sometimes	74	50	896	49	123	42	12,249	47							
		3	Often	29	20	485	26	76	26	6,166	24							
		4	Very often	17	12	236	13	50	17	3,188	12							
		Total	147	100	1,845	100	290	100	26,231	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	71	49	778	42	129	45	12,640	48	1.7	1.9	-.14	1.8	-.12	1.8	-.07
		2	Sometimes	54	37	667	36	98	34	8,216	31							
		3	Often	11	8	272	15	44	15	3,459	13							
		4	Very often	10	7	117	6	18	6	1,857	7							
		Total	146	100	1,834	100	289	100	26,172	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
												GPC Peers		Private Master's S		NSSE 2014 & 2015		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	16	11	365	20	68	23	6,874	26	2.4	2.2	.14	2.2 *	.20	2.1 **	.25
		2	Sometimes	83	56	875	48	134	46	11,631	44							
		3	Often	28	19	403	22	57	20	5,120	20							
		4	Very often	20	14	192	10	31	11	2,527	10							
		Total	147	100	1,835	100	290	100	26,152	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	29	20	285	16	38	13	5,868	22	2.2	2.3	-.15	2.4 **	-.27	2.2	-.03
		2	Sometimes	82	56	950	52	141	49	12,307	47							
		3	Often	19	13	404	22	71	25	5,420	21							
		4	Very often	16	11	195	11	39	13	2,529	10							
		Total	146	100	1,834	100	289	100	26,124	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	5	3	61	3	7	2	715	3	2.7	3.0 ***	-.39	3.1 ***	-.51	3.1 ***	-.49
		2	Some	59	41	438	24	60	20	5,430	21							
		3	Quite a bit	58	40	784	42	128	44	11,226	43							
		4	Very much	23	16	571	31	98	33	8,912	34							
		Total	145	100	1,854	100	293	100	26,283	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	1	44	2	7	2	603	2	3.2	3.2	.05	3.2	-.02	3.2	.08
		2	Some	18	12	292	16	38	13	4,402	17							
		3	Quite a bit	70	48	769	42	123	42	11,199	43							
		4	Very much	56	38	743	40	125	43	10,006	38							
		Total	146	100	1,848	100	293	100	26,210	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	35	2	5	2	793	3	3.3	3.2	.15	3.1	.17	3.1 **	.23
		2	Some	24	17	349	19	61	21	5,226	20							
		3	Quite a bit	56	39	738	40	112	39	10,837	42							
		4	Very much	64	44	715	39	112	39	9,252	35							
		Total	144	100	1,837	100	290	100	26,108	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	3	48	3	10	3	1,151	4	3.1	3.0	.13	3.1	.07	2.9 *	.20
		2	Some	26	18	441	24	64	22	6,586	25							
		3	Quite a bit	62	42	784	43	115	40	10,928	42							
		4	Very much	53	36	565	31	101	35	7,484	29							
		Total	146	100	1,838	100	290	100	26,149	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your first-year students compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	1	64	3	11	4	1,164	4	3.1	3.0	.07	3.0	.04	3.0	.13
		2	Some	29	20	417	23	59	20	6,421	25							
		3	Quite a bit	71	49	787	43	128	44	10,861	42							
		4	Very much	43	30	568	31	92	32	7,656	29							
		Total	145	100	1,836	100	290	100	26,102	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	23	1	6	2	412	2	3.2	3.2	.00	3.2	.01	3.2	.08
		2	Some	11	7	264	14	42	14	4,233	16							
		3	Quite a bit	90	61	816	44	122	42	11,916	45							
		4	Very much	46	31	749	40	121	42	9,796	37							
		Total	147	100	1,852	100	291	100	26,357	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	19	1	4	1	529	2	3.2	3.2	.01	3.3	-.06	3.1	.12
		2	Some	17	12	254	14	36	12	4,363	17							
		3	Quite a bit	78	53	853	46	125	43	12,053	46							
		4	Very much	52	35	718	39	126	43	9,358	36							
		Total	147	100	1,844	100	291	100	26,303	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	32	2	4	1	579	2	3.2	3.3	-.08	3.3	-.15	3.2	.04
		2	Some	22	15	226	12	34	12	4,418	17							
		3	Quite a bit	67	46	772	42	113	39	10,635	41							
		4	Very much	57	39	817	44	139	48	10,619	40							
		Total	147	100	1,847	100	290	100	26,251	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	6	4	105	6	21	7	1,963	7	2.9	3.0	-.05	3.0	-.05	2.9	.05
		2	Some	44	30	466	25	72	25	7,288	28							
		3	Quite a bit	54	37	675	37	96	33	9,390	36							
		4	Very much	43	29	601	33	102	35	7,620	29							
		Total	147	100	1,847	100	291	100	26,261	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	3	97	5	24	8	2,064	8	2.9	2.9	.00	2.9	.04	2.8 *	.14
		2	Some	36	24	471	26	69	24	7,541	29							
		3	Quite a bit	72	49	723	39	107	37	9,817	38							
		4	Very much	35	24	551	30	89	31	6,748	26							
		Total	147	100	1,842	100	289	100	26,170	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
												GPC Peers		Private Master's S		NSSE 2014 & 2015		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	8	5	123	7	20	7	1,826	7	2.8	2.9	-.05	2.8	-.03	2.8	-.02
		2	Sometimes	43	29	524	28	82	28	7,563	29							
		3	Often	65	44	708	38	114	39	10,213	39							
		4	Very often	31	21	495	27	74	26	6,766	26							
		Total	147	100	1,850	100	290	100	26,368	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	29	20	339	18	66	23	4,960	19	2.4	2.4	.02	2.3	.05	2.4	-.01
		2	Sometimes	55	37	750	41	103	36	10,157	39							
		3	Often	41	28	497	27	77	27	7,208	27							
		4	Very often	22	15	258	14	42	15	3,980	15							
		Total	147	100	1,844	100	288	100	26,305	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	18	12	266	14	56	19	3,970	15	2.5	2.4	.10	2.4	.16	2.4	.09
		2	Sometimes	51	35	749	41	111	39	10,396	40							
		3	Often	59	40	576	31	77	27	8,065	31							
		4	Very often	18	12	245	13	44	15	3,814	15							
		Total	146	100	1,836	100	288	100	26,245	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	1	1	36	2	6	2	993	4	8.7	8.4	.04	7.8	.16	7.1 ***	.27
		1.5	1-2	9	6	228	12	42	15	4,646	18							
		4	3-5	39	27	529	29	86	30	8,239	32							
		8	6-10	59	40	528	29	79	28	6,656	26							
		13	11-15	22	15	233	13	39	14	2,763	11							
		18	16-20	9	6	127	7	19	7	1,202	5							
		23	More than 20	8	5	145	8	14	5	1,418	5							
		Total	147	100	1,826	100	285	100	25,917	100								
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	21	15	395	22	77	27	7,437	29	2.1	2.4	-.11	2.3	-.08	2.2	-.05
		1.5	1-2	90	63	854	48	129	46	10,981	43							
		4	3-5	27	19	397	22	53	19	4,739	19							
		8	6-10	4	3	108	6	15	5	1,534	6							
		13	11-15	2	1	19	1	7	2	350	1							
		18	16-20	0	0	8	0	2	1	112	0							
		23	More than 20	0	0	7	0	0	0	100	0							
		Total	144	100	1,788	100	283	100	25,253	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your first-year students compared with						
		NSSEville State										GPC Peers		Private Master's S		NSSE 2014 & 2015		
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	113	81	1,261	74	200	72	18,239	75	.7	.6	.03	.8	-.05	.7	-.04
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	22	16	381	22	57	21	4,720	19							
		4	3-5	3	2	50	3	12	4	806	3							
		8	6-10	0	0	12	1	4	1	306	1							
		13	11-15	0	0	5	0	2	1	155	1							
		18	16-20	0	0	3	0	0	0	63	0							
		23	More than 20	2	1	2	0	1	0	88	0							
		Total			140	100	1,714	100	276	100	24,377							
Estimated number of assigned pages of student writing.	wrpages	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										50.5	52.4	-.04	50.1	.01	48.4	.04
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	1	1	52	3	8	3	1,018	4	3.1	3.2	-.07	3.2	-.03	3.2	-.04
		2	Sometimes	36	24	421	23	74	25	5,739	22							
		3	Often	54	37	514	28	77	26	7,640	29							
		4	Very often	56	38	860	47	134	46	11,971	45							
		Total	147	100	1,847	100	293	100	26,368	100								
b. People from an economic background other than your own	DDeconomic	1	Never	1	1	55	3	11	4	981	4	3.2	3.2	-.02	3.2	.00	3.2	.04
		2	Sometimes	30	20	348	19	61	21	5,327	20							
		3	Often	58	39	624	34	84	29	8,740	33							
		4	Very often	59	40	818	44	137	47	11,285	43							
		Total	148	100	1,845	100	293	100	26,333	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	2	1	74	4	13	4	1,360	5	3.2	3.1	.14	3.2	.09	3.1	.15
		2	Sometimes	29	20	437	24	61	21	5,913	22							
		3	Often	48	32	540	29	82	28	7,752	29							
		4	Very often	69	47	795	43	136	47	11,301	43							
		Total	148	100	1,846	100	292	100	26,326	100								
d. People with political views other than your own	DDpolitical	1	Never	7	5	98	5	22	8	1,563	6	2.9	3.0	-.10	3.0	-.09	3.0	-.09
		2	Sometimes	48	33	465	25	67	23	6,393	24							
		3	Often	39	27	559	30	84	29	8,145	31							
		4	Very often	53	36	720	39	119	41	10,120	39							
		Total	147	100	1,842	100	292	100	26,221	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		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	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	16	1	3	1	358	1	3.5	3.3 *** ▲	.30	3.3 *** ▲	.32	3.2 *** ▲	.35
		2	Sometimes	8	5	256	14	42	14	4,114	16							
		3	Often	59	40	789	43	122	42	11,091	42							
		4	Very often	80	54	792	43	126	43	10,761	41							
		Total	147	100	1,853	100	293	100	26,324	100								
b. Reviewed your notes after class	LSnotes	1	Never	4	3	83	4	15	5	1,095	4	2.8	3.0 * ▼	-.20	3.0 * ▼	-.24	3.0 ** ▼	-.22
		2	Sometimes	55	37	514	28	72	25	7,229	28							
		3	Often	54	37	603	33	97	33	8,472	32							
		4	Very often	34	23	649	35	107	37	9,467	36							
		Total	147	100	1,849	100	291	100	26,263	100								
c. Summarized what you learned in class or from course materials	LSummary	1	Never	9	6	95	5	15	5	1,619	6	2.8	2.9	-.04	2.9	-.03	2.9	-.05
		2	Sometimes	43	29	544	30	93	32	7,385	28							
		3	Often	55	38	651	36	96	33	9,144	35							
		4	Very often	39	27	531	29	87	30	7,862	30							
		Total	146	100	1,821	100	291	100	26,010	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	3	0	0	0	80	0	5.7	5.7	-.03	5.7	.02	5.7	.03
		2		2	1	16	1	1	0	236	1							
		3		1	1	35	2	9	3	658	2							
		4		9	6	124	7	29	10	2,130	8							
		5		37	25	519	28	82	28	7,616	29							
		6		76	51	674	36	89	31	9,016	34							
		7	Very much	23	16	476	26	80	28	6,599	25							
		Total	148	100	1,847	100	290	100	26,335	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	16	11	140	8	16	5	2,135	8	3%	9% ** ▼	-.28	10% ** ▼	-.32	9% ** ▼	-.28	
		Do not plan to do	2	1	40	2	6	2	612	2								
		Plan to do	126	85	1,508	81	239	82	21,219	80								
		Done or in progress	4	3	166	9	30	10	2,407	9								
		Total	148	100	1,854	100	291	100	26,373	100								
			(Means indicate the percentage who responded "Done or in progress.")															

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
					Count	%	Count	%	Count	%		Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	48	33	496	27	65	22	6,622	25	11%	15%	-.12	13%	-.08	13%	-.07
			Do not plan to do	16	11	277	15	78	27	5,059	19							
			Plan to do	66	45	799	43	108	37	11,113	42							
			Done or in progress	16	11	277	15	39	13	3,486	13							
			Total	146	100	1,849	100	290	100	26,280	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	38	26	674	37	85	29	7,975	30	29%	13% *** ▲	.38	17% ** ▲	.28	17% *** ▲	.29
			Do not plan to do	36	25	489	27	80	27	7,000	27							
			Plan to do	30	21	433	23	76	26	6,840	26							
			Done or in progress	42	29	249	13	50	17	4,430	17							
			Total	146	100	1,845	100	291	100	26,245	100							
d. Participate in a study abroad program	abroad		Have not decided	16	11	467	25	71	24	6,811	26	5%	3%	.09	3%	.11	3%	.07
			Do not plan to do	7	5	440	24	76	26	5,648	22							
			Plan to do	118	80	882	48	136	47	12,891	49							
			Done or in progress	7	5	54	3	8	3	901	3							
			Total	148	100	1,843	100	291	100	26,251	100							
e. Work with a faculty member on a research project	research		Have not decided	37	25	491	27	85	29	7,140	27	6%	9%	-.12	6%	-.01	8%	-.08
			Do not plan to do	7	5	138	7	38	13	2,555	10							
			Plan to do	95	64	1,042	57	149	51	14,321	55							
			Done or in progress	9	6	170	9	18	6	2,133	8							
			Total	148	100	1,841	100	290	100	26,149	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	52	35	339	18	57	20	7,170	27	0%	2%	-.30	1%	-.24	2%	-.31
			Do not plan to do	3	2	76	4	20	7	1,721	7							
			Plan to do	92	63	1,387	75	209	72	16,651	64							
			Done or in progress	0	0	41	2	4	1	629	2							
			Total	147	100	1,843	100	290	100	26,171	100							

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

servcourse	1	None	100	68	829	45	145	50	13,427	51	1.3	1.6 *** ▼	-.45	1.6 *** ▼	-.36	1.6 *** ▼	-.33
	2	Some	45	30	900	49	135	46	11,168	43							
	3	Most	3	2	100	5	10	3	1,293	5							
	4	All	0	0	16	1	2	1	238	1							
	Total		148	100	1,845	100	292	100	26,126	100							

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with					
	GPC Peers	Private Master's S											NSSE 2014 & 2015			GPC Peers	Private Master's S	NSSE 2014 & 2015
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	0	0	29	2	10	3	369	1	5.9	5.7	.14	5.6 *	.23	5.6 **	.21
		2		2	1	25	1	4	1	493	2							
		3		3	2	56	3	13	4	1,112	4							
		4		8	5	153	8	20	7	2,450	9							
		5		29	20	405	22	62	21	6,086	23							
		6		61	41	601	32	100	34	8,126	31							
		7	Excellent	45	30	581	31	84	29	7,671	29							
		—	Not applicable	0	0	5	0	0	0	93	0							
			Total	148	100	1,855	100	293	100	26,400	100							
b. Academic advisors	QIadvisor	1	Poor	2	1	45	2	10	3	952	4	5.3	5.4	-.08	5.4	-.10	5.2	.05
		2		4	3	81	4	12	4	1,344	5							
		3		12	8	126	7	21	7	1,968	7							
		4		25	17	206	11	31	11	3,543	13							
		5		33	22	357	19	50	17	5,157	20							
		6		32	22	451	24	60	21	5,916	22							
		7	Excellent	37	25	570	31	104	36	6,924	26							
		—	Not applicable	2	1	17	1	3	1	542	2							
			Total	147	100	1,853	100	291	100	26,346	100							
c. Faculty	QIfaculty	1	Poor	0	0	10	1	4	1	453	2	5.8	5.7	.09	5.5 *	.19	5.4 ***	.29
		2		0	0	28	2	8	3	739	3							
		3		4	3	76	4	16	5	1,495	6							
		4		12	8	178	10	29	10	3,182	12							
		5		37	25	378	21	50	17	6,271	24							
		6		54	37	658	36	112	38	7,970	30							
		7	Excellent	40	27	510	28	73	25	5,882	22							
		—	Not applicable	0	0	5	0	0	0	198	1							
			Total	147	100	1,843	100	292	100	26,190	100							

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
					Count	%	Count	%	Count	%		Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	2	1	54	3	16	5	1,088	4	5.5	5.2 **	.20	5.0 ***	.33	5.0 ***	.29
		2		2	1	74	4	16	5	1,175	4							
		3		3	2	106	6	21	7	1,838	7							
		4		17	12	213	12	38	13	3,533	13							
		5		40	27	451	24	54	18	5,464	21							
		6		36	25	477	26	67	23	6,041	23							
		7	Excellent	35	24	371	20	60	21	4,969	19							
		—	Not applicable	11	8	102	6	20	7	2,147	8							
		Total	146	100	1,848	100	292	100	26,255	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	0	0	58	3	7	2	1,187	5	5.5	5.2 **	.20	5.1 *	.21	4.9 ***	.33
		2		4	3	68	4	15	5	1,426	5							
		3		8	5	138	7	28	10	2,087	8							
		4		15	10	238	13	36	12	3,855	15							
		5		31	21	412	22	55	19	5,593	21							
		6		47	32	467	25	76	26	5,685	22							
		7	Excellent	29	20	379	21	64	22	4,579	17							
		—	Not applicable	13	9	88	5	11	4	1,861	7							
		Total	147	100	1,848	100	292	100	26,273	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	1	1	15	1	0	0	319	1	3.4	3.4	.07	3.4	.05	3.3	.14
		2	Some	14	10	165	9	28	10	3,082	12							
		3	Quite a bit	54	37	778	42	124	42	10,771	41							
		4	Very much	78	53	885	48	141	48	12,029	46							
		Total	147	100	1,843	100	293	100	26,201	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	40	2	9	3	709	3	3.4	3.3 *	.16	3.4	.10	3.2 ***	.26
		2	Some	9	6	238	13	33	11	4,023	15							
		3	Quite a bit	66	45	676	37	97	33	10,242	39							
		4	Very much	72	49	881	48	154	53	11,085	43							
		Total	147	100	1,835	100	293	100	26,059	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	1	47	3	18	6	957	4	3.3	3.3	-.07	3.3	-.08	3.3	.03
		2	Some	23	16	241	13	26	9	3,738	14							
		3	Quite a bit	55	37	603	33	86	29	9,150	35							
		4	Very much	68	46	941	51	162	55	12,228	47							
		Total	148	100	1,832	100	292	100	26,073	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
					Count	%	Count	%	Count	%		Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	13	9	167	9	32	11	2,895	11	2.8	2.8	-.06	2.8	-.01	2.8	.00
		2	Some	44	30	493	27	83	28	7,342	28							
		3	Quite a bit	53	36	644	35	92	31	8,489	32							
		4	Very much	38	26	534	29	86	29	7,422	28							
		Total	148	100	1,838	100	293	100	26,148	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	1	59	3	13	4	1,226	5	3.2	3.1	.03	3.1	.08	3.1	.10
		2	Some	26	18	338	18	60	21	5,132	20							
		3	Quite a bit	65	44	724	39	103	35	9,943	38							
		4	Very much	55	37	717	39	116	40	9,844	38							
		Total	148	100	1,838	100	292	100	26,145	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	1	83	5	20	7	1,329	5	3.2	3.1	.10	3.0 *	.23	3.1	.13
		2	Some	25	17	353	19	67	23	5,198	20							
		3	Quite a bit	68	46	710	39	104	36	10,026	38							
		4	Very much	53	36	685	37	101	35	9,515	37							
		Total	147	100	1,831	100	292	100	26,068	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	19	13	339	18	67	23	5,150	20	2.5	2.5	.00	2.4	.09	2.4	.03
		2	Some	61	41	646	35	102	35	9,181	35							
		3	Quite a bit	50	34	536	29	73	25	7,304	28							
		4	Very much	18	12	315	17	51	17	4,464	17							
		Total	148	100	1,836	100	293	100	26,099	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	9	6	101	5	18	6	1,637	6	3.0	3.0	-.06	3.1	-.12	3.0	-.02
		2	Some	33	22	420	23	62	21	6,005	23							
		3	Quite a bit	62	42	691	38	96	33	9,898	38							
		4	Very much	44	30	625	34	117	40	8,491	33							
		Total	148	100	1,837	100	293	100	26,031	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	4	3	184	10	38	13	3,222	12	3.0	2.8 **	.20	2.7 ***	.32	2.7 ***	.30
		2	Some	35	24	543	30	95	33	8,227	32							
		3	Quite a bit	72	49	626	34	89	30	8,601	33							
		4	Very much	36	24	474	26	70	24	5,934	23							
		Total	147	100	1,827	100	292	100	25,984	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k																				
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with																			
	GPC Peers	Private Master's S	NSSE 2014 & 2015											GPC Peers	Private Master's S	NSSE 2014 & 2015		GPC Peers	Private Master's S	NSSE 2014 & 2015												
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ														
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs (Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 2 11 21 34 30 24 26 148	0 1 7 14 23 20 16 18 100	5 147 295 358 386 282 191 182 1,846	0 8 16 19 21 15 10 10 100	0 26 48 61 46 52 28 31 292	0 9 16 21 16 18 10 11 100	109 2,619 4,953 5,380 5,086 3,632 2,256 2,228 26,263	0 10 19 20 19 14 9 8 100	21.6	17.5 *** ▲	.48	17.4 *** ▲	.49	16.3 *** ▲	.60														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	14 58 44 18 7 2 4 0 147	10 39 30 12 5 1 3 0 100	328 668 383 207 143 59 29 24 1,841	18 36 21 11 8 3 2 1 100	63 122 42 23 26 9 2 3 290	22 42 14 8 9 3 1 1 100	6,932 9,738 4,574 2,322 1,408 616 264 289 26,143	27 37 17 9 5 2 1 1 100								7.1	7.2	-.02	6.3	.12	5.8 * ▲	.19							
c. Working for pay on campus	tmworkonhrs (Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	71 23 43 11 0 0 0 0 148	48 16 29 7 0 0 0 0 100	1,207 201 289 84 41 11 4 4 1,841	66 11 16 5 2 1 0 0 100	181 28 56 18 8 1 0 0 292	62 10 19 6 3 0 0 0 100	19,852 1,557 2,572 1,184 662 197 60 143 26,227	76 6 10 5 3 1 0 1 100															3.8	2.8 * ▲	.18	3.2	.12	2.4 ** ▲	.25

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				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your first-year students compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	136	92	1,485	81	226	78	20,207	77	.5	2.4 *** ▼	-.31	2.9 *** ▼	-.41	3.2 *** ▼	-.36	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	3	88	5	16	6	1,204	5								
		8	6-10 hrs	6	4	89	5	12	4	1,233	5								
		13	11-15 hrs	0	0	51	3	9	3	1,018	4								
		18	16-20 hrs	1	1	49	3	10	3	989	4								
		23	21-25 hrs	0	0	35	2	9	3	651	2								
		28	26-30 hrs	0	0	15	1	4	1	366	1								
		33	More than 30 hrs	0	0	21	1	2	1	435	2								
		Total			148	100	1,833	100	288	100	26,103								100
Estimated number of hours working for pay	tmworkhrs											4.3	5.2 * ▼	-.12	6.0 ** ▼	-.23	5.6 ** ▼	-.14	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	92	64	1,011	56	181	63	14,290	55	1.2	1.9 *** ▼	-.22	1.7 * ▼	-.20	2.3 *** ▼	-.27	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	34	681	37	86	30	9,040	35								
		8	6-10 hrs	3	2	90	5	12	4	1,525	6								
		13	11-15 hrs	0	0	24	1	6	2	544	2								
		18	16-20 hrs	0	0	5	0	4	1	312	1								
		23	21-25 hrs	0	0	5	0	0	0	141	1								
		28	26-30 hrs	0	0	1	0	0	0	44	0								
		33	More than 30 hrs	0	0	2	0	0	0	70	0								
		Total			144	100	1,819	100	289	100	25,966								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	26	1	1	0	420	2	13.6	11.7 ** ▲	.23	12.0	.20	12.0 * ▲	.20	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	21	14	412	23	67	23	5,640	22								
		8	6-10 hrs	42	29	574	31	87	30	7,592	29								
		13	11-15 hrs	32	22	328	18	67	23	5,280	20								
		18	16-20 hrs	23	16	229	13	24	8	3,257	12								
		23	21-25 hrs	15	10	113	6	14	5	1,691	6								
		28	26-30 hrs	3	2	50	3	9	3	787	3								
		33	More than 30 hrs	10	7	99	5	21	7	1,391	5								
		Total			146	100	1,831	100	290	100	26,058								100

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				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your first-year students compared with						
												NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	138	94	1,538	84	234	80	21,051	81	.3	1.2 *** ▼	-.24	1.8 *** ▼	-.35	1.8 *** ▼	-.29
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	5	169	9	30	10	2,493	10							
	8	6-10 hrs	2	1	48	3	9	3	943	4								
	13	11-15 hrs	0	0	38	2	6	2	582	2								
	18	16-20 hrs	0	0	16	1	7	2	369	1								
	23	21-25 hrs	0	0	3	0	1	0	194	1								
	28	26-30 hrs	0	0	4	0	0	0	92	0								
	33	More than 30 hrs	0	0	11	1	4	1	319	1								
	Total		147	100	1,827	100	291	100	26,043	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	118	80	1,117	61	170	59	12,214	47	.6	2.2 *** ▼	-.38	2.5 *** ▼	-.48	3.2 *** ▼	-.51
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	19	508	28	79	27	9,237	35							
	8	6-10 hrs	1	1	124	7	21	7	2,846	11								
	13	11-15 hrs	0	0	48	3	11	4	961	4								
	18	16-20 hrs	0	0	17	1	4	1	454	2								
	23	21-25 hrs	0	0	7	0	1	0	173	1								
	28	26-30 hrs	0	0	7	0	0	0	92	0								
	33	More than 30 hrs	0	0	5	0	2	1	179	1								
	Total		147	100	1,833	100	288	100	26,156	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	3	2	136	7	28	10	2,906	11	3.2	2.9 *** ▲	.30	2.8 *** ▲	.36	2.7 *** ▲	.41	
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	37	25	597	32	98	34	8,818	34								
3	About half	48	33	611	33	88	30	7,940	30									
4	Most	48	33	373	20	55	19	4,841	19									
5	Almost all	11	7	130	7	22	8	1,599	6									
Total		147	100	1,847	100	291	100	26,104	100									
tmreadinghrs											11.9	8.3 *** ▲	.57	8.0 *** ▲	.60	7.4 *** ▲	.73	
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
												GPC Peers	Private Master's S		NSSE 2014 & 2015			
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
	tmreadinghrscol	1	0 hrs	0	0	5	0	0	0	95	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	28	19	691	38	109	38	11,651	45							
		3	More than 5, up to 10 hrs	42	29	610	33	107	37	7,900	30							
		4	More than 10, up to 15 hrs	32	22	246	13	34	12	3,111	12							
		5	More than 15, up to 20 hrs	17	12	151	8	21	7	1,650	6							
		6	More than 20, up to 25 hrs	24	16	102	6	13	4	1,146	4							
		7	More than 25 hrs	4	3	34	2	6	2	423	2							
	Total	147	100	1,839	100	290	100	25,976	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	4	117	6	25	9	2,291	9	3.0	2.9	.15	2.9	.15	2.8 *	.19
	2	Some	34	23	503	27	70	24	6,903	26								
	3	Quite a bit	63	43	741	40	117	40	10,349	39								
	4	Very much	45	30	481	26	79	27	6,760	26								
	Total	148	100	1,842	100	291	100	26,303	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	12	8	206	11	44	15	3,550	14	2.7	2.7	.01	2.7	.00	2.6	.05
	2	Some	51	35	621	34	84	29	8,375	32								
	3	Quite a bit	59	40	616	34	91	31	9,050	35								
	4	Very much	25	17	393	21	72	25	5,246	20								
	Total	147	100	1,836	100	291	100	26,221	100									
c. Thinking critically and analytically	pgthink	1	Very little	1	1	45	2	13	4	886	3	3.4	3.2 **	.24	3.2 **	.29	3.1 ***	.34
	2	Some	14	9	282	15	44	15	4,620	18								
	3	Quite a bit	56	38	735	40	111	38	10,921	42								
	4	Very much	77	52	781	42	123	42	9,819	37								
	Total	148	100	1,843	100	291	100	26,246	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	10	7	163	9	23	8	2,143	8	2.9	2.8	.07	2.9	.03	2.9	.05
	2	Some	41	28	498	27	74	26	6,932	26								
	3	Quite a bit	50	34	662	36	110	38	9,846	38								
	4	Very much	46	31	517	28	83	29	7,308	28								
	Total	147	100	1,840	100	290	100	26,229	100									

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your first-year students compared with						
					Count	%	Count	%	Count	%		Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	16	11	259	14	45	16	4,246	16	2.5	2.6	-.04	2.6	-.06	2.5	.01
		2	Some	55	38	621	34	89	31	8,861	34							
		3	Quite a bit	55	38	585	32	94	32	8,148	31							
		4	Very much	20	14	374	20	62	21	4,986	19							
		Total	146	100	1,839	100	290	100	26,241	100								
f. Working effectively with others	pgothers	1	Very little	1	1	104	6	18	6	1,941	7	3.0	2.9 *	.18	2.9 *	.19	2.8 **	.23
		2	Some	39	27	516	28	81	28	7,347	28							
		3	Quite a bit	62	42	735	40	114	39	10,284	39							
		4	Very much	45	31	483	26	77	27	6,626	25							
		Total	147	100	1,838	100	290	100	26,198	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	8	5	197	11	41	14	3,695	14	2.9	2.8	.14	2.7 *	.20	2.7 **	.23
		2	Some	40	27	512	28	76	26	7,464	28							
		3	Quite a bit	58	39	662	36	101	35	8,774	33							
		4	Very much	41	28	469	25	73	25	6,282	24							
		Total	147	100	1,840	100	291	100	26,215	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	11	7	212	12	42	14	3,287	13	2.8	2.8	.08	2.7	.11	2.7	.13
		2	Some	43	29	519	28	70	24	7,754	30							
		3	Quite a bit	54	36	613	33	105	36	8,700	33							
		4	Very much	40	27	494	27	74	25	6,497	25							
		Total	148	100	1,838	100	291	100	26,238	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	6	4	209	11	39	13	3,513	13	2.6	2.6	-.01	2.6	.02	2.6	.03
		2	Some	67	46	626	34	96	33	8,708	33							
		3	Quite a bit	49	33	619	34	95	33	8,714	33							
		4	Very much	25	17	385	21	61	21	5,300	20							
		Total	147	100	1,839	100	291	100	26,235	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	10	7	255	14	45	16	3,830	15	2.8	2.6 **	.21	2.6 *	.19	2.6 **	.23
		2	Some	42	29	611	33	89	31	8,577	33							
		3	Quite a bit	59	41	571	31	85	30	8,398	32							
		4	Very much	34	23	390	21	69	24	5,318	20							
		Total	145	100	1,827	100	288	100	26,123	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your first-year students compared with					
		GPC Peers												Private Master's S		NSSE 2014 & 2015			
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	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	23	1	4	1	412	2	3.5	3.4 *	.22	3.3 ***	.38	3.2 ***	.37	
		2	Fair	10	7	155	8	35	12	2,848	11								
		3	Good	52	35	798	43	137	47	12,878	49								
		4	Excellent	86	58	877	47	116	40	10,257	39								
		Total		148	100	1,853	100	292	100	26,395	100								
19. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
	sameinst	1	Definitely no	2	1	62	3	13	4	1,010	4	3.5	3.3 **	.26	3.2 ***	.38	3.2 ***	.33	
		2	Probably no	8	5	201	11	38	13	3,217	12								
		3	Probably yes	55	37	751	41	124	42	11,193	42								
		4	Definitely yes	83	56	837	45	118	40	10,984	42								
		Total		148	100	1,851	100	293	100	26,404	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	2	2	25	1	1	0	826	3	3.2	3.3	-.12	3.3	-.20	3.1	.11	
		2	Sometimes	27	22	331	18	58	17	7,867	26								
		3	Often	40	33	560	31	100	30	9,725	32								
		4	Very often	53	43	875	49	173	52	12,235	40								
		Total	122	100	1,791	100	332	100	30,653	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	23	19	378	21	50	15	6,680	22	2.4	2.3	.03	2.5	-.17	2.4	.01	
		2	Sometimes	50	41	717	40	124	37	11,337	37								
		3	Often	30	25	402	22	88	27	7,579	25								
		4	Very often	19	16	290	16	69	21	4,973	16								
		Total	122	100	1,787	100	331	100	30,569	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	11	9	80	4	16	5	1,724	6	2.9	3.0 ** ▽	-.26	3.0	-.17	3.0	-.16	
		2	Often	15	12	196	11	45	14	4,254	14								
		3	Sometimes	76	63	1,083	61	199	60	17,662	58								
		4	Never	19	16	427	24	71	21	6,855	22								
		Total	121	100	1,786	100	331	100	30,495	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	19	16	497	28	90	27	11,479	38	2.4	2.1 ** ▲	.30	2.1 ** ▲	.31	1.9 *** ▲	.54	
		2	Sometimes	56	47	795	45	155	47	12,742	42								
		3	Often	27	23	319	18	57	17	4,224	14								
		4	Very often	18	15	170	10	31	9	2,038	7								
		Total	120	100	1,781	100	333	100	30,483	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	5	4	129	7	23	7	2,351	8	2.8	2.7	.15	2.7	.15	2.6 * ▲	.18	
		2	Sometimes	40	33	712	40	133	40	12,394	41								
		3	Often	52	43	565	32	107	32	9,882	32								
		4	Very often	25	20	372	21	69	21	5,916	19								
		Total	122	100	1,778	100	332	100	30,543	100									
f. Explained course material to one or more students	CLexplain	1	Never	1	1	22	1	0	0	548	2	3.2	3.1	.11	3.1	.07	3.0 * ▲	.20	
		2	Sometimes	17	14	422	24	84	25	8,308	27								
		3	Often	65	54	750	42	129	39	12,412	41								
		4	Very often	38	31	588	33	119	36	9,216	30								
		Total	121	100	1,782	100	332	100	30,484	100									

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
		GPC Peers												Private Master's S		NSSE 2014 & 2015			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	5	4	163	9	32	10	3,308	11	2.8	2.8	.03	2.8	-.06	2.7	.09	
		2	Sometimes	42	35	602	34	97	29	10,398	34								
		3	Often	48	40	529	30	96	29	8,997	29								
		4	Very often	26	21	495	28	107	32	7,877	26								
		Total	121	100	1,789	100	332	100	30,580	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	2	49	3	7	2	1,416	5	3.2	2.9 *** ▲	.27	3.0 * ▲	.23	2.9 *** ▲	.37	
		2	Sometimes	14	12	523	29	100	30	9,759	32								
		3	Often	66	55	684	38	115	35	11,199	37								
		4	Very often	39	32	526	30	110	33	8,171	27								
		Total	121	100	1,782	100	332	100	30,545	100									
i. Given a course presentation	present	1	Never	4	3	86	5	11	3	3,250	11	2.9	2.8	.07	3.1 * ▼	-.24	2.6 *** ▲	.28	
		2	Sometimes	37	30	601	34	71	21	11,407	37								
		3	Often	51	42	646	36	133	40	9,720	32								
		4	Very often	30	25	447	25	117	35	6,154	20								
		Total	122	100	1,780	100	332	100	30,531	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	1	1	42	2	8	2	766	3	3.0	3.0	.05	3.0	-.01	3.0	.01	
		2	Sometimes	33	27	473	27	77	23	7,744	25								
		3	Often	50	41	745	42	143	43	12,306	40								
		4	Very often	38	31	524	29	103	31	9,726	32								
		Total	122	100	1,784	100	331	100	30,542	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	3	2	113	6	15	5	2,436	8	3.0	2.8 ** ▲	.24	2.8 * ▲	.24	2.7 *** ▲	.29	
		2	Sometimes	31	25	617	35	118	36	11,049	36								
		3	Often	56	46	643	36	124	38	10,276	34								
		4	Very often	32	26	405	23	70	21	6,636	22								
		Total	122	100	1,778	100	327	100	30,397	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	4	3	194	11	21	6	4,910	16	2.8	2.6 ** ▲	.27	2.6	.20	2.4 *** ▲	.42	
		2	Sometimes	39	32	695	39	131	40	12,675	42								
		3	Often	56	46	584	33	123	37	8,179	27								
		4	Very often	23	19	306	17	55	17	4,676	15								
		Total	122	100	1,779	100	330	100	30,440	100									

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	4	3	68	4	13	4	1,842	6	2.9	2.8	.03	2.9	-.01	2.8	.11
		2	Sometimes	38	31	572	32	96	29	10,254	34							
		3	Often	52	43	741	42	146	44	11,835	39							
		4	Very often	28	23	398	22	76	23	6,475	21							
		Total	122	100	1,779	100	331	100	30,406	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	2	2	65	4	8	2	1,414	5	3.0	2.9	.13	2.9	.09	2.9 *	.17
		2	Sometimes	28	23	489	27	88	27	9,046	30							
		3	Often	58	48	791	44	151	46	12,415	41							
		4	Very often	32	27	434	24	82	25	7,545	25							
		Total	120	100	1,779	100	329	100	30,420	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	2	39	2	4	1	750	2	3.0	3.0	.07	3.0	.01	2.9	.11
		2	Sometimes	29	24	485	27	85	26	8,740	29							
		3	Often	55	45	767	43	144	44	12,732	42							
		4	Very often	35	29	488	27	95	29	8,164	27							
		Total	121	100	1,779	100	328	100	30,386	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	15	1	3	1	348	1	3.3	3.2	.12	3.2	.16	3.2	.15
		2	Sometimes	16	13	271	15	61	19	4,808	16							
		3	Often	49	41	766	43	131	40	13,099	43							
		4	Very often	55	46	716	40	133	41	12,056	40							
		Total	120	100	1,768	100	328	100	30,311	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	2	2	123	7	15	5	3,581	12	3.0	2.8	.18	2.8	.17	2.6 ***	.36
		2	Sometimes	43	35	613	34	123	37	11,565	38							
		3	Often	35	29	552	31	101	31	8,368	27							
		4	Very often	42	34	496	28	91	28	6,959	23							
		Total	122	100	1,784	100	330	100	30,473	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	22	18	439	25	82	25	9,953	33	2.3	2.3	-.03	2.3	-.02	2.2	.10
		2	Sometimes	55	45	619	35	115	35	9,399	31							
		3	Often	28	23	402	23	77	23	5,987	20							
		4	Very often	16	13	322	18	57	17	5,078	17							
		Total	121	100	1,782	100	331	100	30,417	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with						
												GPC Peers		Private Master's S		NSSE 2014 & 2015		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	9	7	179	10	32	10	5,103	17	2.5	2.6	-.08	2.6	-.09	2.4	.09
		2	Sometimes	58	48	720	41	130	39	12,104	40							
		3	Often	35	29	498	28	102	31	7,924	26							
		4	Very often	19	16	380	21	66	20	5,282	17							
		Total	121	100	1,777	100	330	100	30,413	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	30	25	264	15	40	12	5,959	20	2.1	2.4 *** ▼	-.36	2.5 *** ▼	-.49	2.3 ** ▼	-.23
		2	Sometimes	63	52	796	45	134	40	13,273	44							
		3	Often	17	14	411	23	97	29	6,919	23							
		4	Very often	12	10	309	17	60	18	4,222	14							
		Total	122	100	1,780	100	331	100	30,373	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	11	9	111	6	15	5	1,318	4	2.6	2.9 ** ▼	-.30	3.0 *** ▼	-.43	3.0 *** ▼	-.49
		2	Some	43	35	502	28	86	26	6,799	22							
		3	Quite a bit	50	41	665	37	113	34	11,809	39							
		4	Very much	18	15	508	28	114	35	10,604	35							
		Total	122	100	1,786	100	328	100	30,530	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	31	2	3	1	650	2	3.4	3.3	.11	3.3	.05	3.2 * ▲	.19
		2	Some	11	9	210	12	36	11	4,503	15							
		3	Quite a bit	55	45	752	42	137	42	12,627	41							
		4	Very much	56	46	786	44	153	47	12,665	42							
		Total	122	100	1,779	100	329	100	30,445	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	4	3	43	2	6	2	1,099	4	3.2	3.2	-.02	3.2	-.09	3.1	.06
		2	Some	18	15	303	17	59	18	5,730	19							
		3	Quite a bit	53	43	702	40	109	33	11,842	39							
		4	Very much	47	39	729	41	152	47	11,672	38							
		Total	122	100	1,777	100	326	100	30,343	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	2	102	6	18	5	2,437	8	2.9	2.9	.03	3.0	-.14	2.8	.11
		2	Some	28	23	480	27	65	20	8,490	28							
		3	Quite a bit	64	53	677	38	128	39	11,150	37							
		4	Very much	26	21	518	29	117	36	8,310	27							
		Total	121	100	1,777	100	328	100	30,387	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors^a in
Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your seniors compared with					
		GPC Peers											Private Master's S		NSSE 2014 & 2015			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	3	3	68	4	9	3	1,782	6	3.0	3.0	-.06	3.2 *	-.24	2.9	.04
		2	Some	25	21	384	22	56	17	7,420	24							
		3	Quite a bit	64	53	760	43	136	41	11,978	39							
		4	Very much	28	23	563	32	128	39	9,198	30							
		Total	120	100	1,775	100	329	100	30,378	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	22	1	3	1	492	2	3.2	3.3	-.14	3.3	-.12	3.2	-.07
		2	Some	18	15	213	12	43	13	4,365	14							
		3	Quite a bit	64	52	796	45	148	45	13,399	44							
		4	Very much	40	33	756	42	138	42	12,369	40							
		Total	122	100	1,787	100	332	100	30,625	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	17	1	2	1	517	2	3.3	3.2	.05	3.2	.07	3.2	.13
		2	Some	14	11	244	14	46	14	4,709	15							
		3	Quite a bit	60	49	818	46	157	47	14,144	46							
		4	Very much	48	39	709	40	126	38	11,187	37							
		Total	122	100	1,788	100	331	100	30,557	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	21	1	2	1	584	2	3.4	3.4	.01	3.3	.09	3.3	.12
		2	Some	10	8	191	11	47	14	4,237	14							
		3	Quite a bit	58	48	704	40	132	40	12,132	40							
		4	Very much	54	44	864	49	148	45	13,541	44							
		Total	122	100	1,780	100	329	100	30,494	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	9	7	129	7	13	4	3,314	11	2.8	2.9	-.05	3.1 *	-.26	2.7	.10
		2	Some	31	26	468	26	67	20	9,109	30							
		3	Quite a bit	51	42	658	37	137	41	10,198	33							
		4	Very much	30	25	526	30	114	34	7,873	26							
		Total	121	100	1,781	100	331	100	30,494	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	3	67	4	11	3	1,951	6	3.0	3.0	-.02	3.1	-.09	2.9	.12
		2	Some	28	23	405	23	71	22	8,114	27							
		3	Quite a bit	56	46	757	43	131	40	12,031	40							
		4	Very much	34	28	543	31	112	34	8,292	27							
		Total	122	100	1,772	100	325	100	30,388	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	
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	2	69	4	15	5	1,434	5	3.1	3.1	.00	3.1	.02	3.0	.09	
		2	Sometimes	26	21	378	21	65	20	7,024	23								
		3	Often	48	39	640	36	125	38	11,445	37								
		4	Very often	45	37	701	39	126	38	10,726	35								
		Total	122	100	1,788	100	331	100	30,629	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	8	225	13	31	9	4,387	14	2.7	2.7	.07	2.7	.02	2.6	.12	
		2	Sometimes	45	37	585	33	116	35	10,008	33								
		3	Often	33	27	521	29	97	29	8,887	29								
		4	Very often	34	28	457	26	87	26	7,288	24								
		Total	122	100	1,788	100	331	100	30,570	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	5	4	144	8	29	9	2,979	10	2.9	2.8	.11	2.8	.07	2.7 *	.17	
		2	Sometimes	37	30	564	32	92	28	9,656	32								
		3	Often	45	37	588	33	115	35	10,209	33								
		4	Very often	35	29	488	27	95	29	7,683	25								
		Total	122	100	1,784	100	331	100	30,527	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	2	2	63	4	11	3	2,153	7	9.0	8.0	.15	8.4	.09	7.1 **	.30	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	13	11	267	15	59	18	6,194	21								
		4	3-5	35	29	516	29	82	25	8,241	28								
		8	6-10	32	27	445	25	83	26	6,387	21								
		13	11-15	17	14	206	12	34	10	3,029	10								
		18	16-20	8	7	105	6	15	5	1,538	5								
		23	More than 20	13	11	150	9	40	12	2,187	7								
		Total	120	100	1,752	100	324	100	29,729	100									
b. Between 6 and 10 pages	wrmednum	0	None	13	11	290	17	51	16	6,865	23	3.2	3.4	-.05	3.8	-.15	3.1	.02	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	49	40	687	39	124	38	11,238	38								
		4	3-5	45	37	492	28	91	28	7,029	24								
		8	6-10	12	10	195	11	40	12	2,797	10								
		13	11-15	3	2	50	3	11	3	838	3								
		18	16-20	0	0	17	1	5	2	321	1								
		23	More than 20	0	0	15	1	6	2	307	1								
		Total	122	100	1,746	100	328	100	29,395	100									

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	39	33	596	35	115	36	13,219	46	1.5	1.7	-.07	2.0 *	-.16	1.6	-.04	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	59	50	860	50	146	45	11,239	39								
		4	3-5	16	14	192	11	39	12	2,721	9								
		8	6-10	3	3	44	3	12	4	836	3								
		13	11-15	0	0	9	1	2	1	356	1								
		18	16-20	0	0	8	0	2	1	159	1								
		23	More than 20	0	0	11	1	5	2	231	1								
		Total			117	100	1,720	100	321	100	28,761								100
Estimated number of assigned pages of student writing.	wrpages											75.1	75.0	.00	84.0	-.11	68.8	.08	
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	5	4	69	4	20	6	1,515	5	2.7	3.0 ***	-.38	3.0 ***	-.36	3.1 ***	-.45	
		2	Sometimes	57	47	534	30	89	27	7,541	25								
		3	Often	33	27	475	27	90	27	8,323	27								
		4	Very often	27	22	710	40	133	40	13,243	43								
		Total			122	100	1,788	100	332	100	30,622								100
b. People from an economic background other than your own	DDeconomic	1	Never	6	5	67	4	14	4	1,220	4	2.9	3.1	-.14	3.1	-.17	3.1 *	-.20	
		2	Sometimes	34	28	441	25	75	23	6,621	22								
		3	Often	43	35	582	33	110	33	10,119	33								
		4	Very often	39	32	695	39	133	40	12,604	41								
		Total			122	100	1,785	100	332	100	30,564								100
c. People with religious beliefs other than your own	DDreligion	1	Never	3	2	75	4	15	5	1,699	6	3.1	3.0	.04	3.1	-.01	3.1	-.01	
		2	Sometimes	32	26	491	28	81	24	7,185	24								
		3	Often	41	34	519	29	100	30	8,901	29								
		4	Very often	46	38	697	39	135	41	12,743	42								
		Total			122	100	1,782	100	331	100	30,528								100
d. People with political views other than your own	DDpolitical	1	Never	7	6	88	5	18	5	1,662	5	2.8	3.0 *	-.24	3.1 **	-.33	3.0 **	-.30	
		2	Sometimes	51	42	495	28	73	22	7,555	25								
		3	Often	29	24	570	32	111	34	9,474	31								
		4	Very often	35	29	621	35	129	39	11,723	39								
		Total			122	100	1,774	100	331	100	30,414								100

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

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				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	2	31	2	6	2	608	2	3.3	3.3	-.04	3.3	-.07	3.3	.02	
		2	Sometimes	14	11	242	14	45	14	4,597	15								
		3	Often	54	44	652	37	114	34	11,520	38								
		4	Very often	52	43	861	48	167	50	13,838	45								
		Total	122	100	1,786	100	332	100	30,563	100									
b. Reviewed your notes after class	LSnotes	1	Never	12	10	138	8	18	5	1,972	6	2.6	2.9 *** ▼	-.34	2.9 *** ▼	-.38	2.9 *** ▼	-.37	
		2	Sometimes	56	46	515	29	99	30	8,965	29								
		3	Often	26	21	513	29	102	31	9,076	30								
		4	Very often	28	23	614	34	110	33	10,497	34								
		Total	122	100	1,780	100	329	100	30,510	100									
c. Summarized what you learned in class or from course materials	LSummary	1	Never	16	13	90	5	18	6	1,963	6	2.7	2.9 ** ▼	-.27	3.0 ** ▼	-.32	2.9 ** ▼	-.25	
		2	Sometimes	34	28	498	28	81	25	8,502	28								
		3	Often	44	36	631	36	120	37	10,157	34								
		4	Very often	27	22	537	31	108	33	9,626	32								
		Total	121	100	1,756	100	327	100	30,248	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	1	1	6	0	0	0	157	1	5.5	5.7 * ▼	-.17	5.8 * ▼	-.24	5.7	-.14	
		2		0	0	18	1	3	1	303	1								
		3		1	1	35	2	12	4	807	3								
		4		7	6	128	7	19	6	2,398	8								
		5		47	39	472	27	88	27	8,203	27								
		6		53	43	671	38	104	31	10,462	34								
		7	Very much	13	11	449	25	105	32	8,227	27								
		Total	122	100	1,779	100	331	100	30,557	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		3	3	94	5	20	6	2,147	7	80%	60% *** ▲	.44	60% *** ▲	.44	54% *** ▲	.56	
		Do not plan to do		15	13	311	17	40	12	5,113	17								
		Plan to do		6	5	304	17	71	22	6,786	22								
		Done or in progress		96	80	1,073	60	198	60	16,549	54								
		Total		120	100	1,782	100	329	100	30,595	100								
(Means indicate the percentage who responded "Done or in progress.")																			

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math			Frequency Distributions								Statistical Comparisons ^k							
			NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with							
											GPC Peers		Private Master's S		NSSE 2014 & 2015			
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
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	0	0	102	6	22	7	2,268	7	75%	60% ** ▲	.32	51% *** ▲	.51	47% *** ▲	.58
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	29	24	542	31	121	37	11,881	39								
	Plan to do	1	1	61	3	20	6	1,954	6									
	Done or in progress	91	75	1,072	60	168	51	14,430	47									
	Total	121	100	1,777	100	331	100	30,533	100									
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	3	3	153	9	42	13	3,119	10	45%	25% *** ▲	.42	26% *** ▲	.40	25% *** ▲	.42
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	61	51	1,080	61	181	55	17,521	58								
	Plan to do	1	1	90	5	19	6	2,082	7									
	Done or in progress	54	45	450	25	87	26	7,734	25									
	Total	119	100	1,773	100	329	100	30,456	100									
d. Participate in a study abroad program	abroad		Have not decided	1	1	102	6	29	9	2,995	10	77%	25% *** ▲	1.10	22% *** ▲	1.18	19% *** ▲	1.25
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	25	20	1,146	64	212	64	19,644	65								
	Plan to do	2	2	92	5	18	5	2,115	7									
	Done or in progress	94	77	438	25	71	22	5,684	19									
	Total	122	100	1,778	100	330	100	30,438	100									
e. Work with a faculty member on a research project	research		Have not decided	2	2	114	6	26	8	2,935	10	57%	61% ▲	-.07	53% ▲	.10	50% ▲	.15
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	46	38	439	25	93	29	8,156	27								
	Plan to do	4	3	140	8	35	11	4,160	14									
	Done or in progress	70	57	1,081	61	171	53	15,180	50									
	Total	122	100	1,774	100	325	100	30,431	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	2	2	88	5	15	5	2,690	9	50%	68% *** ▼	-.36	65% ** ▼	-.31	49% ▲	.03
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	49	40	252	14	37	11	7,525	25								
	Plan to do	10	8	233	13	63	19	5,446	18									
	Done or in progress	61	50	1,195	68	215	65	14,784	49									
	Total	122	100	1,768	100	330	100	30,445	100									

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

	servcourse	1 None	59	48	643	36	114	34	14,224	47	1.5	1.7 ** ▼	-.28	1.7 ** ▼	-.34	1.6	-.09
		2 Some	62	51	1,050	59	194	58	14,868	49							
		3 Most	0	0	80	4	23	7	1,208	4							
		4 All	1	1	8	0	1	0	167	1							
		Total	122	100	1,781	100	332	100	30,467	100							

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				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	0	0	14	1	3	1	336	1	5.7	5.8	-.05	5.7	-.01	5.7	.02
		2		1	1	16	1	1	0	485	2							
		3		6	5	51	3	16	5	1,147	4							
		4		8	7	138	8	25	8	2,615	9							
		5		30	25	416	23	82	25	6,916	23							
		6		45	37	591	33	98	30	9,595	31							
		7	Excellent	32	26	557	31	107	32	9,461	31							
		—	Not applicable	0	0	3	0	0	0	92	0							
			Total	122	100	1,786	100	332	100	30,647	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	59	3	8	2	1,477	5	5.8	5.6	.11	5.7	.04	5.2 ***	.32
		2		2	2	65	4	12	4	1,622	5							
		3		6	5	81	5	18	5	2,221	7							
		4		11	9	155	9	24	7	3,560	12							
		5		24	20	297	17	45	14	5,314	17							
		6		34	28	410	23	79	24	6,557	21							
		7	Excellent	45	37	709	40	143	43	9,507	31							
		—	Not applicable	0	0	6	0	1	0	339	1							
			Total	122	100	1,782	100	330	100	30,597	100							
c. Faculty	QIfaculty	1	Poor	0	0	15	1	3	1	428	1	5.9	5.8	.02	5.9	.01	5.6 **	.20
		2		0	0	19	1	1	0	618	2							
		3		3	2	43	2	10	3	1,214	4							
		4		6	5	129	7	22	7	3,008	10							
		5		28	23	355	20	67	20	6,723	22							
		6		53	43	612	34	115	35	9,623	32							
		7	Excellent	32	26	598	34	111	34	8,694	29							
		—	Not applicable	0	0	3	0	0	0	113	0							
			Total	122	100	1,774	100	329	100	30,421	100							

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your seniors compared with						
												GPC Peers		Private Master's S		NSSE 2014 & 2015		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	4	3	96	5	13	4	1,574	5	4.9	4.8	.09	5.0	-.05	4.8	.08
		2		4	3	113	6	16	5	1,629	5							
		3		15	12	139	8	21	6	2,463	8							
		4		18	15	283	16	56	17	4,441	15							
		5		25	20	397	22	67	20	6,170	20							
		6		34	28	365	21	54	16	5,985	20							
		7	Excellent	17	14	271	15	75	23	4,579	15							
		—	Not applicable	5	4	116	7	27	8	3,663	12							
		Total		122	100	1,780	100	329	100	30,504	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	6	5	101	6	13	4	1,839	6	4.9	4.8	.05	5.0	-.07	4.7	.09
		2		4	3	102	6	23	7	1,883	6							
		3		8	7	156	9	29	9	2,842	9							
		4		25	21	282	16	49	15	4,901	16							
		5		28	23	445	25	72	22	6,827	22							
		6		31	26	371	21	64	19	6,443	21							
		7	Excellent	16	13	287	16	81	24	4,635	15							
		—	Not applicable	3	2	36	2	1	0	1,180	4							
		Total		121	100	1,780	100	332	100	30,550	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	1	1	15	1	5	2	514	2	3.3	3.4	-.05	3.3	-.02	3.3	.06
		2	Some	15	12	174	10	32	10	3,865	13							
		3	Quite a bit	49	40	745	42	138	42	12,633	41							
		4	Very much	57	47	848	48	156	47	13,482	44							
		Total		122	100	1,782	100	331	100	30,494	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	2	44	2	8	2	1,237	4	3.2	3.2	-.04	3.2	-.07	3.0	.13
		2	Some	18	15	281	16	47	14	6,289	21							
		3	Quite a bit	61	50	752	42	141	43	12,702	42							
		4	Very much	41	34	695	39	131	40	10,116	33							
		Total		122	100	1,772	100	327	100	30,344	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	5	77	4	18	5	1,812	6	3.0	3.1	-.13	3.1	-.13	3.0	-.02
		2	Some	26	21	325	18	57	17	6,686	22							
		3	Quite a bit	54	44	719	41	129	39	11,586	38							
		4	Very much	36	30	648	37	126	38	10,256	34							
		Total		122	100	1,769	100	330	100	30,340	100							

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	22	18	231	13	55	17	5,110	17	2.4	2.6 *	-0.24	2.6	-0.16	2.5	-0.13
		2	Some	48	39	599	34	109	33	10,050	33							
		3	Quite a bit	32	26	524	29	91	27	8,873	29							
		4	Very much	20	16	424	24	76	23	6,397	21							
		Total	122	100	1,778	100	331	100	30,430	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	4	77	4	21	6	2,022	7	3.0	3.0	-0.07	2.9	0.05	2.9	0.04
		2	Some	27	22	390	22	86	26	7,418	24							
		3	Quite a bit	58	48	733	41	124	37	11,828	39							
		4	Very much	32	26	579	33	101	30	9,133	30							
		Total	122	100	1,779	100	332	100	30,401	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	8	7	118	7	33	10	2,465	8	2.9	2.9	0.02	2.7	0.19	2.9	0.03
		2	Some	27	22	458	26	98	30	7,374	24							
		3	Quite a bit	54	44	681	38	121	36	11,669	38							
		4	Very much	33	27	516	29	80	24	8,879	29							
		Total	122	100	1,773	100	332	100	30,387	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	37	30	533	30	109	33	9,630	32	2.0	2.1 *	-0.17	2.1	-0.14	2.1 *	-0.16
		2	Some	58	48	696	39	117	35	11,230	37							
		3	Quite a bit	23	19	359	20	74	22	6,225	21							
		4	Very much	4	3	181	10	31	9	3,275	11							
		Total	122	100	1,769	100	331	100	30,360	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	7	136	8	34	10	2,938	10	2.8	2.8	0.03	2.8	0.08	2.8	0.07
		2	Some	32	26	530	30	94	28	8,619	28							
		3	Quite a bit	54	44	654	37	120	36	11,117	37							
		4	Very much	28	23	455	26	84	25	7,654	25							
		Total	122	100	1,775	100	332	100	30,328	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	2	2	222	13	62	19	4,941	16	2.8	2.6 *	0.17	2.5 **	0.30	2.5 ***	0.31
		2	Some	40	33	616	35	108	33	10,967	36							
		3	Quite a bit	62	51	557	31	95	29	9,251	31							
		4	Very much	17	14	380	21	66	20	5,139	17							
		Total	121	100	1,775	100	331	100	30,298	100								

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors^a in
Sci & Math

				Frequency Distributions								Statistical Comparisons ^k											
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your seniors compared with										
Item wording or description	Variable name ⁱ	Values ^m	Response options										Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ
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	4	0	1	0	87	0	19.1	17.9	.14	17.1 *	.22	16.8 **	.25				
		(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	4	123	7	24	7	2,882	9											
			8	6-10 hrs	19	16	306	17	67	20	5,957	20											
			13	11-15 hrs	19	16	318	18	61	18	5,803	19											
			18	16-20 hrs	28	23	365	20	72	22	5,809	19											
			23	21-25 hrs	21	17	289	16	46	14	3,998	13											
			28	26-30 hrs	13	11	163	9	22	7	2,598	9											
			33	More than 30 hrs	17	14	217	12	40	12	3,378	11											
				Total	122	100	1,785	100	333	100	30,512	100											
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)		tmcocurrhrs	0	0 hrs	8	7	370	21	96	29	9,515	31	9.5	6.9 ***	.34	6.1 ***	.44	5.6 ***	.55				
		(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	30	653	37	119	36	10,513	35											
			8	6-10 hrs	30	25	327	18	48	15	4,768	16											
			13	11-15 hrs	26	21	176	10	18	6	2,474	8											
			18	16-20 hrs	12	10	110	6	24	7	1,519	5											
			23	21-25 hrs	4	3	80	5	9	3	797	3											
			28	26-30 hrs	2	2	32	2	8	2	359	1											
			33	More than 30 hrs	3	2	21	1	5	2	406	1											
				Total	121	100	1,769	100	327	100	30,351	100											
c. Working for pay on campus		tmworkonhrs	0	0 hrs	40	33	738	41	144	44	16,961	56	5.2	5.4	-.03	6.1	-.14	5.1	.02				
		(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	23	329	18	38	12	2,748	9											
			8	6-10 hrs	42	34	372	21	67	20	4,377	14											
			13	11-15 hrs	7	6	186	10	34	10	2,792	9											
			18	16-20 hrs	2	2	111	6	36	11	2,381	8											
			23	21-25 hrs	0	0	25	1	6	2	626	2											
			28	26-30 hrs	2	2	7	0	3	1	258	1											
			33	More than 30 hrs	1	1	16	1	2	1	314	1											
				Total	122	100	1,784	100	330	100	30,457	100											

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	NSSEville State	GPC Peers	Private Master's S	NSSE 2014 & 2015	Effect size ⁿ	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	100	83	1,098	62	178	54	17,388	57	1.4	5.9 *** ▼	-.49	8.0 *** ▼	-.68	7.3 *** ▼
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	7	105	6	20	6	1,782	6						
		8	6-10 hrs	7	6	144	8	28	9	2,131	7						
		13	11-15 hrs	2	2	119	7	20	6	1,948	6						
		18	16-20 hrs	2	2	117	7	25	8	2,403	8						
		23	21-25 hrs	1	1	64	4	20	6	1,610	5						
		28	26-30 hrs	0	0	50	3	11	3	1,090	4						
		33	More than 30 hrs	0	0	74	4	26	8	1,893	6						
	Total			120	100	1,771	100	328	100	30,245	100						
Estimated number of hours working for pay	tmworkhrs											6.5	11.3 *** ▼	-.47	14.0 *** ▼	-.73	12.3 *** ▼
	(Continuous variable created by NSSE)																
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	51	42	821	46	151	46	14,065	47						
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	48	756	43	138	42	11,830	39						
		8	6-10 hrs	9	7	119	7	27	8	2,578	9						
		13	11-15 hrs	3	2	34	2	4	1	894	3						
		18	16-20 hrs	0	0	23	1	4	1	426	1						
		23	21-25 hrs	0	0	4	0	1	0	183	1						
		28	26-30 hrs	0	0	5	0	0	0	111	0						
		33	More than 30 hrs	0	0	5	0	1	0	123	0						
	Total			121	100	1,767	100	326	100	30,210	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	2	25	1	7	2	609	2	12.6	11.4	.15	11.0	.20	11.2 * ▲
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	12	432	24	82	25	7,501	25						
		8	6-10 hrs	36	30	512	29	92	28	8,809	29						
		13	11-15 hrs	37	30	358	20	65	20	5,940	20						
		18	16-20 hrs	17	14	217	12	49	15	3,644	12						
		23	21-25 hrs	6	5	102	6	18	5	1,647	5						
		28	26-30 hrs	4	3	45	3	8	2	770	3						
		33	More than 30 hrs	5	4	79	4	9	3	1,371	5						
	Total			122	100	1,770	100	330	100	30,291	100						

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with						
												NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	118	97	1,453	82	251	76	22,993	76	.1	2.0 *** ▼	-.31	3.6 *** ▼	-.47	3.2 *** ▼	-.39
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	3	161	9	27	8	2,922	10							
	8	6-10 hrs	0	0	52	3	12	4	1,257	4								
	13	11-15 hrs	0	0	20	1	8	2	751	2								
	18	16-20 hrs	0	0	24	1	5	2	547	2								
	23	21-25 hrs	0	0	9	1	2	1	284	1								
	28	26-30 hrs	0	0	10	1	9	3	232	1								
	33	More than 30 hrs	0	0	43	2	16	5	1,353	4								
	Total		122	100	1,772	100	330	100	30,339	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	60	50	636	36	106	32	5,902	19	2.0	3.3 ** ▼	-.30	3.5 *** ▼	-.37	4.4 *** ▼	-.50
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	46	850	48	160	48	17,047	56							
	8	6-10 hrs	3	3	197	11	47	14	4,983	16								
	13	11-15 hrs	1	1	56	3	10	3	1,481	5								
	18	16-20 hrs	0	0	22	1	4	1	530	2								
	23	21-25 hrs	0	0	5	0	2	1	213	1								
	28	26-30 hrs	0	0	3	0	0	0	105	0								
	33	More than 30 hrs	1	1	11	1	2	1	210	1								
	Total		120	100	1,780	100	331	100	30,471	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	12	10	238	13	46	14	4,752	16	3.0	2.7 ** ▲	.24	2.8	.17	2.7 ** ▲	.29
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)		2	Some	31	26	598	34	87	26	10,105	33							
		3	About half	35	29	484	27	104	31	8,086	27							
		4	Most	32	26	341	19	77	23	5,552	18							
		5	Almost all	11	9	116	7	18	5	1,933	6							
		Total		121	100	1,777	100	332	100	30,428	100							
tmreadinghrs												9.6	7.9 ** ▲	.28	8.0 * ▲	.25	7.3 *** ▲	.36
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

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				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	Your seniors compared with					
		GPC Peers											Private Master's S		NSSE 2014 & 2015			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	4	0	1	0	78	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	39	32	725	41	141	42	14,153	47							
		3	More than 5, up to 10 hrs	31	26	561	32	97	29	8,898	29							
		4	More than 10, up to 15 hrs	23	19	235	13	44	13	3,192	11							
		5	More than 15, up to 20 hrs	19	16	137	8	28	8	2,035	7							
		6	More than 20, up to 25 hrs	7	6	86	5	19	6	1,431	5							
		7	More than 25 hrs	2	2	24	1	2	1	482	2							
		Total	121	100	1,772	100	332	100	30,269	100								
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	4	3	92	5	16	5	2,168	7	3.2	3.1	.18	3.1	.13	2.9 *** Δ	.30
		2	Some	15	12	326	18	62	19	7,104	23							
		3	Quite a bit	53	43	732	41	122	37	11,456	37							
		4	Very much	50	41	631	35	130	39	9,843	32							
		Total	122	100	1,781	100	330	100	30,571	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	5	4	115	6	18	5	2,650	9	3.1	3.0	.06	3.1	-.04	2.9 * Δ	.21
		2	Some	26	21	376	21	63	19	7,695	25							
		3	Quite a bit	47	39	671	38	117	35	11,039	36							
		4	Very much	44	36	619	35	133	40	9,115	30							
		Total	122	100	1,781	100	331	100	30,499	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	34	2	2	1	733	2	3.5	3.5	.10	3.5	.13	3.4 *** Δ	.24
		2	Some	4	3	144	8	28	8	3,429	11							
		3	Quite a bit	48	39	557	31	117	35	10,629	35							
		4	Very much	70	57	1,040	59	184	56	15,691	51							
		Total	122	100	1,775	100	331	100	30,482	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	4	50	3	9	3	1,140	4	3.3	3.3	.00	3.2	.02	3.2	.08
		2	Some	18	15	265	15	59	18	5,352	18							
		3	Quite a bit	39	32	632	36	106	32	10,528	35							
		4	Very much	60	49	825	47	157	47	13,443	44							
		Total	122	100	1,772	100	331	100	30,463	100								

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Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	11	9	159	9	38	11	3,393	11	2.9	2.8	.05	2.8	.07	2.8	.11	
		2	Some	29	24	470	26	80	24	8,491	28								
		3	Quite a bit	44	36	641	36	116	35	9,909	32								
		4	Very much	38	31	511	29	98	30	8,723	29								
		Total	122	100	1,781	100	332	100	30,516	100									
f. Working effectively with others	pgothers	1	Very little	2	2	76	4	8	2	1,671	5	3.2	3.1 *	.18	3.1	.13	3.0 **	.27	
		2	Some	17	14	348	20	73	22	7,153	23								
		3	Quite a bit	56	46	746	42	123	37	11,844	39								
		4	Very much	47	39	605	34	126	38	9,776	32								
		Total	122	100	1,775	100	330	100	30,444	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	9	7	174	10	32	10	4,603	15	2.9	2.9	.08	2.9	.03	2.7 **	.24	
		2	Some	26	21	441	25	73	22	8,414	28								
		3	Quite a bit	49	40	614	35	119	36	9,278	30								
		4	Very much	37	31	550	31	107	32	8,204	27								
		Total	121	100	1,779	100	331	100	30,499	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	16	13	206	12	46	14	4,426	15	2.6	2.7	-.16	2.7	-.11	2.6	-.07	
		2	Some	46	38	524	29	104	31	9,521	31								
		3	Quite a bit	34	28	593	33	90	27	9,133	30								
		4	Very much	26	21	455	26	91	27	7,440	24								
		Total	122	100	1,778	100	331	100	30,520	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	6	5	163	9	37	11	3,177	10	2.8	2.8	-.08	2.8	-.07	2.8	.00	
		2	Some	49	40	467	26	83	25	8,777	29								
		3	Quite a bit	35	29	645	36	108	33	10,551	35								
		4	Very much	32	26	503	28	101	31	7,991	26								
		Total	122	100	1,778	100	329	100	30,496	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	9	7	243	14	44	13	4,766	16	2.7	2.6	.09	2.7	.07	2.6	.15	
		2	Some	43	35	550	31	111	34	9,855	32								
		3	Quite a bit	42	34	569	32	89	27	9,222	30								
		4	Very much	28	23	407	23	86	26	6,539	22								
		Total	122	100	1,769	100	330	100	30,382	100									

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

Seniors^a in Sci & Math

Seniors ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		Your seniors compared with					
														GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	1	1	35	2	4	1	704	2	3.5	3.3 ** ▲	.26	3.3 *** ▲	.35	3.3 *** ▲	.37	
		2	Fair	7	6	165	9	42	13	3,552	12								
		3	Good	40	33	740	41	143	43	13,644	45								
		4	Excellent	74	61	848	47	145	43	12,743	42								
		Total		122	100	1,788	100	334	100	30,643	100								
19. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
	sameinst	1	Definitely no	3	2	92	5	23	7	1,676	5	3.3	3.2	.14	3.1 * ▲	.25	3.2	.13	
		2	Probably no	14	11	266	15	63	19	4,323	14								
		3	Probably yes	52	43	706	39	120	36	12,094	39								
		4	Definitely yes	53	43	726	41	126	38	12,570	41								
		Total		122	100	1,790	100	332	100	30,663	100								

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	75	51	1,418	76	251	86	21,893	83	84	69	1,410	79	286	86	25,558	83
		More than one	73	49	443	24	42	14	4,605	17	38	31	385	21	48	14	5,206	17
		Total	148	100	1,861	100	293	100	26,498	100	122	100	1,795	100	334	100	30,764	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Biological Sci., Agriculture, & Natural Resources	75	51	1,322	71	227	77	20,173	76	67	55	1,233	69	258	77	22,505	73
		Physical Sci., Mathematics, & Computer Science	73	49	539	29	66	23	6,326	24	55	45	562	31	76	23	8,260	27
		Social Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Service Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		All Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	148	100	1,861	100	293	100	26,499	100	122	100	1,795	100	334	100	30,765	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	23	32	93	21	4	10	834	18	11	29	76	20	6	13	949	18
		Biological Sci., Agriculture, & Natural Resources	6	8	50	11	9	21	699	15	6	16	72	19	4	9	985	19
		Physical Sci., Mathematics, & Computer Science	23	32	122	28	5	12	1,041	23	9	24	98	26	13	28	1,065	21
		Social Sciences	17	23	70	16	6	14	784	17	11	29	70	18	11	23	967	19
		Business	0	0	19	4	3	7	245	5	0	0	18	5	1	2	167	3
		Communications, Media, & Public Relations	0	0	5	1	0	0	39	1	0	0	1	0	1	2	46	1
		Education	0	0	19	4	3	7	170	4	0	0	18	5	6	13	246	5
		Engineering	1	1	19	4	3	7	191	4	0	0	11	3	0	0	128	2
		Health Professions	0	0	26	6	6	14	365	8	1	3	12	3	3	6	377	7
		Social Service Professions	0	0	4	1	1	2	88	2	0	0	4	1	2	4	99	2
		All Other	0	0	12	3	2	5	79	2	0	0	4	1	0	0	127	2
		Undecided, Undeclared	3	4	2	0	0	0	46	1	0	0	0	0	0	0	26	1
		Total	73	100	441	100	42	100	4,581	100	38	100	384	100	47	100	5,182	100

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	148	100	1,747	95	266	92	23,946	91	0	0	1	0	0	0	41	0
		Sophomore	0	0	78	4	24	8	1,949	7	1	1	8	0	3	1	237	1
		Junior	0	0	8	0	0	0	255	1	6	5	149	8	24	7	2,602	9
		Senior	0	0	1	0	0	0	48	0	114	93	1,611	90	303	92	27,116	89
		Unclassified	0	0	4	0	0	0	77	0	1	1	18	1	1	0	584	2
		Total	148	100	1,838	100	290	100	26,275	100	122	100	1,787	100	331	100	30,580	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	13	1	2	1	413	2	11	9	120	7	32	10	3,626	12
		Yes	148	100	1,828	99	289	99	25,800	98	111	91	1,662	93	298	90	26,862	88
		Total	148	100	1,841	100	291	100	26,213	100	122	100	1,782	100	330	100	30,488	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	2	0	1	0	57	0	2	2	19	1	6	2	515	2
		1	0	0	2	0	0	0	68	0	3	2	23	1	5	2	531	2
		2	1	1	7	0	1	0	143	1	3	2	55	3	14	4	1,190	4
		3	4	3	100	5	7	2	903	3	34	28	197	11	31	9	3,175	10
		4	114	77	601	33	108	37	8,559	33	52	43	533	30	110	33	9,805	32
		5	23	16	604	33	96	33	8,978	34	21	17	507	28	106	32	8,601	28
		6	4	3	304	17	47	16	4,532	17	7	6	271	15	35	11	3,846	13
		7 or more	2	1	219	12	31	11	3,032	12	0	0	179	10	26	8	2,888	9
		Total	148	100	1,839	100	291	100	26,272	100	122	100	1,784	100	333	100	30,551	100
b. Of these, how many are entirely online?	onlinenum	0	147	100	1,766	96	271	93	23,843	91	120	98	1,629	91	295	89	26,053	85
		1	0	0	52	3	16	5	1,780	7	1	1	118	7	29	9	3,257	11
		2	0	0	5	0	2	1	322	1	1	1	21	1	6	2	734	2
		3	0	0	5	0	0	0	96	0	0	0	5	0	1	0	246	1
		4	0	0	3	0	0	0	44	0	0	0	2	0	0	0	85	0
		5	0	0	6	0	1	0	36	0	0	0	1	0	0	0	27	0
		6	0	0	1	0	0	0	22	0	0	0	3	0	0	0	35	0
		7 or more	0	0	1	0	1	0	35	0	0	0	2	0	0	0	42	0
		Total	147	100	1,839	100	291	100	26,178	100	122	100	1,781	100	331	100	30,479	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrscol	No courses taken online	147	100	1,766	96	271	93	23,833	91	120	98	1,627	92	295	89	26,028	86
		Some courses taken online	0	0	61	3	19	7	2,162	8	1	1	146	8	36	11	4,152	14
		All courses taken online	0	0	7	0	0	0	134	1	1	1	4	0	0	0	240	1
		Total	147	100	1,834	100	290	100	26,129	100	122	100	1,777	100	331	100	30,420	100

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	1	1	22	1	4	1	351	1	0	0	3	0	1	0	102	0
		C	2	1	34	2	10	3	653	2	1	1	29	2	8	2	762	2
		C+	5	3	71	4	11	4	1,094	4	0	0	49	3	14	4	1,269	4
		B-	9	6	104	6	27	9	1,679	6	2	2	90	5	22	7	2,227	7
		B	26	18	319	17	55	19	4,843	18	21	17	332	19	62	19	6,021	20
		B+	35	24	335	18	65	22	4,826	18	31	25	318	18	59	18	5,627	18
		A-	40	27	376	20	50	17	5,362	20	37	30	402	23	67	20	5,938	19
		A	29	20	579	31	69	24	7,462	28	30	25	560	31	96	29	8,611	28
		Total	147	100	1,840	100	291	100	26,270	100	122	100	1,783	100	329	100	30,557	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	144	98	1,752	95	278	96	24,657	94	118	98	1,457	82	243	73	20,441	67
		Started elsewhere	3	2	85	5	13	4	1,589	6	3	2	324	18	89	27	10,085	33
		Total	147	100	1,837	100	291	100	26,246	100	121	100	1,781	100	332	100	30,526	100
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	1	1	21	1	6	2	449	2	1	1	55	3	17	5	1,305	4
	attend_com	Community or junior college	2	1	92	5	17	6	1,565	6	7	6	397	22	77	23	9,332	31
	attend_col	4-year college or university other than this one	2	1	91	5	20	7	1,711	7	15	13	295	17	85	26	6,765	22
	attend_none	None	141	96	1,613	88	250	86	22,159	85	94	79	1,139	64	181	55	15,955	52
	attend_other	Other	2	1	40	2	5	2	693	3	4	3	34	2	12	4	967	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	0	0	43	2	5	2	677	3	0	0	17	1	8	2	681	2
		Bachelor's degree (B.A., B.S., etc.)	17	12	254	14	38	13	3,950	15	14	11	262	15	57	17	5,431	18
		Master's degree (M.A., M.S., etc.)	46	31	447	24	73	25	6,432	25	28	23	523	29	106	32	8,674	28
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	84	57	1,091	59	172	60	15,130	58	80	66	973	55	160	48	15,706	52
		Total	147	100	1,835	100	288	100	26,189	100	122	100	1,775	100	331	100	30,492	100

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	2	1	54	3	10	3	1,099	4	2	2	46	3	12	4	1,171	4
		High school diploma or G.E.D.	7	5	202	11	52	18	3,594	14	6	5	224	13	54	16	4,347	14
		Attended college, but did not complete degree	5	3	168	9	29	10	2,560	10	1	1	164	9	33	10	2,848	9
		Associate's degree (A.A., A.S., etc.)	4	3	158	9	33	11	2,498	10	5	4	163	9	41	12	2,932	10
		Bachelor's degree (B.A., B.S., etc.)	47	32	533	29	72	25	7,532	29	23	19	513	29	92	28	8,784	29
		Master's degree (M.A., M.S., etc.)	46	31	476	26	67	23	5,970	23	41	34	408	23	75	23	6,647	22
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	36	24	243	13	27	9	2,976	11	44	36	261	15	23	7	3,777	12
		Total	147	100	1,834	100	290	100	26,229	100	122	100	1,779	100	330	100	30,506	100
First-generation status (No parent holds a bachelor's degree)	firstgen (Recoded from parented)	Not first-generation	129	88	1,252	68	166	57	16,478	63	108	89	1,182	66	190	58	19,208	63
		First-generation	18	12	582	32	124	43	9,751	37	14	11	597	34	140	42	11,298	37
		Total	147	100	1,834	100	290	100	26,229	100	122	100	1,779	100	330	100	30,506	100
29. What is your gender identity?	genderid	Man	52	35	650	35	77	27	8,750	33	45	37	659	37	106	32	11,966	39
		Woman	91	62	1,160	63	210	72	17,106	65	77	63	1,084	61	223	67	17,950	59
		Another gender identity	2	1	7	0	0	0	100	0	0	0	11	1	0	0	107	0
		I prefer not to respond	2	1	17	1	3	1	283	1	0	0	20	1	3	1	488	2
		Total	147	100	1,834	100	290	100	26,239	100	122	100	1,774	100	332	100	30,511	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger	143	97	1,744	95	268	94	24,502	94	1	1	12	1	6	2	321	1
		20-23	4	3	67	4	13	5	1,210	5	120	98	1,598	90	274	83	23,467	77
		24-29	0	0	8	0	4	1	257	1	1	1	110	6	28	8	4,227	14
		30-39	0	0	5	0	1	0	124	0	0	0	38	2	17	5	1,636	5
		40-55	0	0	3	0	0	0	58	0	0	0	14	1	7	2	612	2
		Over 55	0	0	0	0	0	0	6	0	0	0	4	0	0	0	85	0
		Total	147	100	1,827	100	286	100	26,157	100	122	100	1,776	100	332	100	30,348	100
31a. Are you an international student?	internat	No	134	92	1,681	92	278	96	24,703	95	117	96	1,699	96	319	97	29,122	96
		Yes	11	8	145	8	11	4	1,393	5	5	4	74	4	11	3	1,234	4
		Total	145	100	1,826	100	289	100	26,096	100	122	100	1,773	100	330	100	30,356	100
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol (Recoded from country.)	Africa Sub-Saharan	2	18	6	10	0	0	76	13	1	20	5	13	0	0	48	10
		Asia	6	55	35	57	0	0	274	46	1	20	17	44	0	0	245	50
		Canada	1	9	5	8	1	50	37	6	1	20	2	5	0	0	24	5
		Europe	1	9	6	10	1	50	80	13	1	20	8	21	1	50	62	13
		Latin America and Caribbean	0	0	5	8	0	0	90	15	1	20	4	10	1	50	82	17
		Middle East and North Africa	1	9	4	7	0	0	32	5	0	0	3	8	0	0	27	5
		Oceania	0	0	0	0	0	0	11	2	0	0	0	0	0	0	5	1
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	11	100	61	100	2	100	600	100	5	100	39	100	2	100	493	100

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	1	1	26	1	5	2	552	2	0	0	19	1	6	2	610	2
	re_asian	Asian	20	14	176	10	16	6	3,262	12	9	7	126	7	13	4	3,380	11
	re_black	Black or African American	5	3	136	7	34	12	2,412	9	3	2	64	4	33	10	1,790	6
	re_latino	Hispanic or Latino	2	1	151	8	30	10	3,335	13	3	2	78	4	32	10	2,898	9
	re_pacific	Native Hawaiian or Other Pacific Islander	1	1	5	0	4	1	234	1	0	0	5	0	3	1	294	1
	re_white	White	119	82	1,358	74	215	74	17,435	66	102	84	1,479	83	242	73	21,867	72
	re_other	Other	2	1	47	3	8	3	818	3	0	0	42	2	13	4	845	3
	re_pnr	I prefer not to respond	5	3	75	4	8	3	903	3	8	7	59	3	17	5	1,475	5
	re_all	American Indian or Alaska Native	0	0	9	0	0	0	115	0	0	0	5	0	0	0	149	0
	(Recoded from re_amind through re_pnr where each student is represented only once)	Asian	15	10	144	8	9	3	2,617	10	9	7	104	6	8	2	2,674	9
33. Are you a member of a social fraternity or sorority?	re_amind	Black or African American	4	3	98	5	27	9	1,867	7	2	2	46	3	27	8	1,413	5
	re_pnr	Hispanic or Latino	2	1	102	6	21	7	2,329	9	1	1	51	3	21	6	1,998	7
	where each student is represented only once)	Native Hawaiian/Other Pac. Islander	0	0	1	0	2	1	62	0	0	0	2	0	2	1	83	0
		White	113	77	1,256	68	194	67	15,540	59	99	81	1,402	79	221	67	19,950	65
		Other	0	0	27	1	4	1	467	2	0	0	30	2	10	3	513	2
		Multiracial	7	5	123	7	25	9	2,322	9	3	2	80	4	25	8	2,255	7
		I prefer not to respond	5	3	75	4	8	3	903	3	8	7	59	3	17	5	1,475	5
	Total		146	100	1,835	100	290	100	26,222	100	122	100	1,779	100	331	100	30,510	100
	greek	No	137	94	1,596	87	271	93	24,001	92	114	93	1,490	84	303	91	27,221	89
		Yes	9	6	236	13	19	7	2,149	8	8	7	287	16	29	9	3,209	11
34. Which of the following best describes where you are living while attending college?	Total		146	100	1,832	100	290	100	26,150	100	122	100	1,777	100	332	100	30,430	100
	living	Dormitory or other campus housing (not fraternity or sorority house)	144	99	1,474	81	227	79	18,648	71	82	67	724	41	131	39	7,082	23
		Fraternity or sorority house	0	0	15	1	0	0	131	1	0	0	68	4	1	0	476	2
		Residence (house, apartment, etc.) within walking distance to the institution	1	1	83	5	17	6	1,762	7	39	32	489	28	80	24	9,084	30
		Residence (house, apartment, etc.) farther than walking distance to the institution	0	0	223	12	40	14	5,066	19	1	1	470	26	117	35	13,223	43
		None of the above	1	1	34	2	5	2	533	2	0	0	26	1	3	1	587	2
	Total		146	100	1,829	100	289	100	26,140	100	122	100	1,777	100	332	100	30,452	100
	athlete	No	124	85	1,387	76	223	77	23,089	89	95	78	1,447	82	269	82	27,946	92
		Yes	22	15	438	24	67	23	3,000	11	27	22	322	18	61	18	2,421	8
	Total		146	100	1,825	100	290	100	26,089	100	122	100	1,769	100	330	100	30,367	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?																		

NSSE 2015 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		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
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	145	100	1,807	99	284	99	25,479	98	120	100	1,746	99	321	97	29,157	96
		Yes	0	0	15	1	3	1	548	2	0	0	19	1	9	3	1,196	4
		Total	145	100	1,822	100	287	100	26,027	100	120	100	1,765	100	330	100	30,353	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	129	88	1,619	88	248	86	23,533	90	111	91	1,588	89	289	87	26,840	88
		Yes	16	11	153	8	26	9	1,892	7	9	7	138	8	33	10	2,628	9
		I prefer not to respond	1	1	59	3	15	5	745	3	2	2	51	3	10	3	996	3
		Total	146	100	1,831	100	289	100	26,170	100	122	100	1,777	100	332	100	30,464	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	2	13	23	15	7	27	362	19	1	11	16	12	13	39	334	13
	dis_mobility	A mobility impairment	2	13	10	7	0	0	130	7	0	0	5	4	2	6	230	9
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	11	69	80	52	14	54	886	47	4	44	73	53	17	52	1,295	49
	dis_mental	A mental health disorder	4	25	56	37	4	15	572	30	3	33	48	35	5	15	902	34
	dis_other	A disability or impairment not listed above	1	6	26	17	4	15	392	21	1	11	26	19	5	15	522	20
Disability or impairment	disability_all	A sensory impairment	0	0	14	1	5	2	252	1	1	1	8	0	8	2	203	1
	(Recoded from disability and dis_sense through dis_other where each student is represented only once)	A mobility impairment	0	0	4	0	0	0	62	0	0	0	5	0	0	0	126	0
		A learning disability	9	6	50	3	11	4	612	2	4	3	52	3	10	3	904	3
		A mental health disorder	2	1	32	2	4	1	329	1	3	2	27	2	2	1	507	2
		A disability or impairment not listed	1	1	18	1	3	1	256	1	1	1	18	1	4	1	316	1
		More than one disability or impairment	4	3	35	2	3	1	373	1	0	0	27	2	9	3	562	2
		No disability or impairment	129	88	1,619	88	248	86	23,533	90	111	91	1,588	89	289	87	26,840	88
		Prefer not to respond	1	1	59	3	15	5	745	3	2	2	51	3	10	3	996	3
		Total	146	100	1,831	100	289	100	26,162	100	122	100	1,776	100	332	100	30,454	100
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	116	91	473	87	26	81	9,843	86	84	88	441	86	36	75	12,097	85
		Gay	1	1	8	1	1	3	129	1	2	2	10	2	0	0	235	2
		Lesbian	0	0	1	0	0	0	87	1	0	0	3	1	1	2	118	1
		Bisexual	3	2	20	4	3	9	392	3	0	0	18	4	4	8	519	4
		Another sexual orientation	3	2	8	1	1	3	156	1	0	0	5	1	1	2	158	1
		Questioning or unsure	3	2	9	2	1	3	206	2	4	4	5	1	1	2	162	1
		I prefer not to respond	2	2	24	4	0	0	611	5	5	5	31	6	5	10	867	6
		Total	128	100	543	100	32	100	11,424	100	95	100	513	100	48	100	14,156	100

NSSE 2015 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

Sci & Math			First-Year Students ^a								Seniors ^a							
Item wording or description	Variable name	Response options	NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State		GPC Peers		Private Master's S		NSSE 2014 & 2015	
			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	92	62	1,191	64	216	74	17,521	66	77	63	1,112	62	225	67	18,424	60
		Male	56	38	670	36	77	26	8,975	34	45	37	683	38	109	33	12,337	40
		Total	148	100	1,861	100	293	100	26,496	100	122	100	1,795	100	334	100	30,761	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	7	0	2	1	135	1	0	0	6	0	2	1	175	1
		Asian	12	8	95	5	11	4	1,785	8	8	7	87	5	12	4	1,915	7
		Black or African American	3	2	97	5	27	9	1,843	8	1	1	52	3	30	9	1,391	5
		Hispanic or Latino	4	3	135	7	25	9	2,828	12	3	2	76	4	32	10	2,445	9
		Native Hawaiian/Other Pac. Islander	0	0	1	0	0	0	50	0	0	0	1	0	0	0	111	0
		White	114	77	1,245	69	200	68	14,264	60	103	84	1,379	79	225	67	18,326	68
		Other	0	0	0	0	0	0	5	0	0	0	1	0	0	0	5	0
		Foreign or nonresident alien	11	7	99	5	6	2	895	4	5	4	48	3	7	2	715	3
		Two or more races/ethnicities	4	3	57	3	14	5	895	4	1	1	37	2	10	3	843	3
		Unknown	0	0	75	4	8	3	958	4	1	1	53	3	16	5	1,205	4
Total	148	100	1,811	100	293	100	23,658	100	122	100	1,740	100	334	100	27,131	100		
Institution-reported class level	IRclass	Freshman/First-Year	148	100	1,861	100	293	100	26,499	100	0	0	0	0	0	0	0	0
		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Senior	0	0	0	0	0	0	0	0	122	100	1,795	100	334	100	30,765	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	148	100	1,861	100	293	100	26,499	100	122	100	1,795	100	334	100	30,765	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	0	0	62	3	17	6	1,953	7	122	100	1,795	100	333	100	30,349	99
		Yes	148	100	1,799	97	276	94	24,546	93	0	0	0	0	1	0	416	1
		Total	148	100	1,861	100	293	100	26,499	100	122	100	1,795	100	334	100	30,765	100
Institution-reported enrollment status	IRenrollment	Not full-time	0	0	12	1	2	1	415	2	6	5	74	4	18	5	2,911	9
		Full-time	148	100	1,849	99	291	99	26,084	98	116	95	1,721	96	316	95	27,854	91
		Total	148	100	1,861	100	293	100	26,499	100	122	100	1,795	100	334	100	30,765	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 \times \text{SEM}$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. $*p < .05$, $**p < .01$, $***p < .001$ (z -test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z -test.
- l. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

Key to symbols:

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

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

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