
NSSEville State University

NSSE 2014 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 category '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

Majors

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 categories. Institutions choosing not to customize their major categories receive NSSE's ten major field categories. 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. First-year students' majors may include undeclared but intended majors and much of the first-year experience may take place outside of the major field. As a result, first-year results should be interpreted with caution.

Technical Requirements

Major categories 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 category 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 adapted from the former Benchmarks of Effective Educational Practice. 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.

Engagement Indicators: Overview

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

Use the following key:

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

First-Year Students in Sci & Math

Seniors in Sci & Math

Theme	Engagement Indicator	Your first-year students compared with Public Master's L	Your first-year students compared with Large Public	Your first-year students compared with NSSE 2013 & 2014	Your seniors compared with Public Master's L	Your seniors compared with Large Public	Your seniors compared with NSSE 2013 & 2014
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	--	--	--	△	△	--

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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
Academic Challenge												
Higher-Order Learning												
NSSEville State (N = 99)	40.7	11.8	1.19	20	30	40	50	60				
Public Master's L	39.9	13.7	.22	20	30	40	50	60	4,017	.8		.058
Large Public	39.5	13.7	.20	20	30	40	50	60	4,845	1.2		.086
NSSE 2013 & 2014	40.7	13.4	.08	20	30	40	50	60	27,423	.0		.002
Reflective & Integrative Learning												
NSSEville State (N = 103)	34.7	11.0	1.08	17	26	34	40	54				
Public Master's L	35.2	12.5	.20	17	26	34	43	60	109	-.4		-.035
Large Public	35.1	12.4	.18	17	26	34	43	60	4,954	-.4		-.032
NSSE 2013 & 2014	35.7	12.2	.07	17	26	34	43	60	28,029	-1.0		-.080
Learning Strategies												
NSSEville State (N = 102)	38.3	13.9	1.38	13	27	40	47	60				
Public Master's L	40.4	14.0	.22	20	27	40	53	60	4,063	-2.1		-.147
Large Public	40.2	14.0	.20	20	27	40	53	60	4,883	-1.9		-.133
NSSE 2013 & 2014	40.8	13.8	.08	20	33	40	53	60	27,665	-2.5		-.178
Quantitative Reasoning												
NSSEville State (N = 101)	34.1	15.5	1.54	13	20	33	47	60				
Public Master's L	29.7	16.2	.26	0	20	27	40	60	4,104	4.4	**	.270
Large Public	30.3	16.0	.23	0	20	27	40	60	4,941	3.7	*	.232
NSSE 2013 & 2014	30.7	15.8	.09	7	20	27	40	60	27,912	3.3	*	.210
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 100)	38.6	12.9	1.29	20	30	40	50	60				
Public Master's L	33.6	13.8	.22	15	25	30	45	60	4,062	5.0	***	.363
Large Public	34.4	13.8	.20	15	25	35	45	60	4,897	4.2	**	.304
NSSE 2013 & 2014	35.2	13.7	.08	15	25	35	45	60	27,671	3.4	*	.251
Discussions with Diverse Others												
NSSEville State (N = 102)	41.9	13.8	1.37	20	35	40	55	60				
Public Master's L	40.4	16.1	.25	15	30	40	55	60	108	1.4		.090
Large Public	41.5	15.7	.23	15	30	40	60	60	107	.4		.023
NSSE 2013 & 2014	42.1	15.3	.09	15	30	40	60	60	27,891	-.2		-.015

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

First-year students^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
NSSEville State (N = 101)	18.9	13.6	1.36	0	10	15	25	45				
Public Master's L	20.2	14.8	.24	0	10	15	30	50	4,071	-1.4		-.093
Large Public	20.2	14.5	.21	0	10	20	30	50	4,890	-1.3		-.093
NSSE 2013 & 2014	21.5	14.4	.09	0	10	20	30	50	27,695	-2.7		-.185
Effective Teaching Practices												
NSSEville State (N = 102)	40.8	11.8	1.17	20	36	40	48	60				
Public Master's L	41.0	12.8	.20	20	32	40	52	60	4,141	-.2		-.019
Large Public	40.1	12.6	.18	20	32	40	48	60	4,976	.7		.057
NSSE 2013 & 2014	41.0	12.6	.08	20	32	40	52	60	28,137	-.2		-.018
Campus Environment												
Quality of Interactions												
NSSEville State (N = 93)	43.4	10.3	1.07	24	38	44	50	60				
Public Master's L	41.0	12.5	.20	18	34	42	50	60	99	2.4	*	.196
Large Public	41.2	12.3	.18	18	34	42	50	60	4,730	2.2		.183
NSSE 2013 & 2014	42.4	11.8	.07	20	36	44	50	60	27,118	1.0		.087
Supportive Environment												
NSSEville State (N = 103)	38.6	12.3	1.21	18	30	40	48	60				
Public Master's L	37.6	13.7	.22	15	28	38	48	60	4,103	1.1		.078
Large Public	37.9	13.5	.19	15	29	38	48	60	4,931	.7		.055
NSSE 2013 & 2014	38.8	13.2	.08	18	30	40	49	60	27,907	-.2		-.013

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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
Academic Challenge												
Higher-Order Learning												
NSSEville State (N = 161)	40.7	13.5	1.07	20	30	40	50	60				
Public Master's L	41.0	14.1	.19	15	30	40	55	60	5,561	-.3		-.023
Large Public	38.7	14.4	.18	15	30	40	50	60	6,811	2.0		.138
NSSE 2013 & 2014	40.3	13.9	.08	15	30	40	50	60	33,234	.4		.029
Reflective & Integrative Learning												
NSSEville State (N = 163)	39.1	11.5	.90	20	31	40	46	60				
Public Master's L	36.0	12.8	.17	14	27	37	46	60	174	3.1	**	.240
Large Public	35.6	12.7	.15	14	26	34	43	60	172	3.5	***	.278
NSSE 2013 & 2014	36.6	12.5	.07	17	29	37	46	60	164	2.5	**	.197
Learning Strategies												
NSSEville State (N = 159)	40.6	14.6	1.16	13	33	40	53	60				
Public Master's L	41.8	14.3	.19	20	33	40	53	60	5,611	-1.2		-.085
Large Public	39.8	14.6	.18	13	27	40	53	60	6,871	.8		.056
NSSE 2013 & 2014	40.5	14.3	.08	20	27	40	53	60	33,531	.1		.007
Quantitative Reasoning												
NSSEville State (N = 162)	38.9	14.8	1.17	13	27	40	53	60				
Public Master's L	36.2	16.4	.22	7	20	40	47	60	173	2.6	*	.161
Large Public	34.1	16.4	.20	7	20	33	47	60	171	4.7	***	.289
NSSE 2013 & 2014	35.6	16.1	.09	7	20	33	47	60	33,855	3.2	*	.201
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 161)	39.9	12.7	1.00	20	30	40	50	60				
Public Master's L	35.9	14.0	.19	15	25	35	45	60	172	4.0	***	.284
Large Public	34.4	14.1	.17	10	25	35	45	60	170	5.5	***	.393
NSSE 2013 & 2014	35.6	13.9	.08	15	25	35	45	60	162	4.3	***	.306
Discussions with Diverse Others												
NSSEville State (N = 160)	42.8	14.7	1.16	20	30	45	60	60				
Public Master's L	41.4	16.4	.22	10	30	40	60	60	5,634	1.4		.086
Large Public	40.9	16.3	.20	15	30	40	60	60	6,908	1.9		.118
NSSE 2013 & 2014	41.4	15.7	.09	15	30	40	60	60	33,737	1.4		.092

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

NSSEville State University

Seniors^a in

Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
NSSEville State (N = 161)	29.2	16.7	1.32	5	20	25	40	60				
Public Master's L	27.2	16.7	.23	0	15	25	40	60	5,612	2.0		.117
Large Public	25.6	16.2	.20	0	15	25	35	60	6,905	3.6	**	.222
NSSE 2013 & 2014	27.5	16.3	.09	5	15	25	40	60	33,580	1.6		.100
Effective Teaching Practices												
NSSEville State (N = 162)	42.1	11.9	.94	24	36	40	52	60				
Public Master's L	41.7	13.2	.18	20	32	40	52	60	173	.4		.031
Large Public	39.7	13.2	.16	16	32	40	48	60	170	2.4	*	.181
NSSE 2013 & 2014	41.1	12.9	.07	20	32	40	52	60	34,079	1.0		.076
Campus Environment												
Quality of Interactions												
NSSEville State (N = 157)	44.8	10.5	.84	26	38	46	52	60				
Public Master's L	41.8	11.8	.16	20	34	44	50	60	168	3.0	***	.254
Large Public	40.9	11.8	.14	20	34	42	50	60	165	3.9	***	.332
NSSE 2013 & 2014	42.2	11.3	.06	22	36	44	50	60	33,201	2.6	**	.230
Supportive Environment												
NSSEville State (N = 162)	35.6	12.9	1.01	15	25	38	45	58				
Public Master's L	32.8	14.1	.19	10	23	33	43	60	5,657	2.8	*	.200
Large Public	32.6	13.7	.17	10	23	33	40	60	6,934	3.0	**	.220
NSSE 2013 & 2014	34.3	13.6	.07	13	25	35	43	60	33,833	1.3		.095

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

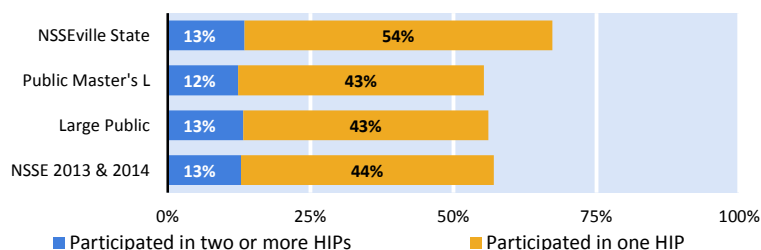
High-Impact Practices: Sci & Math

NSSEville State University

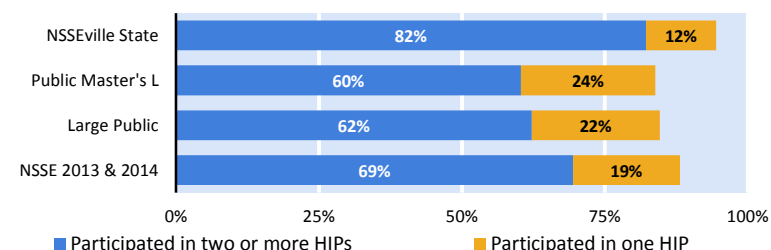
Overall HIP Participation^a

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

First-Year Students in Sci & Math



Seniors in Sci & Math



Statistical Comparisons^a

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

	NSSEville State			Public Master's L			Large Public			NSSE 2013 & 2014		
	%			% ⁱ		Effect size ^j	% ⁱ		Effect size ^j	% ⁱ		Effect size ^j
<i>First-Year Students in Sci & Math</i>												
11c. Learning community	13			16		-.09	18		-.15	16		-.10
12. Service-learning	62			48 **		.27	46 **		.32	48 **		.27
11e. Research with faculty	9			6		.12	8		.03	8		.04
Participated in at least one	67			55 *		.25	56 *		.23	57 *		.21
Participated in two or more	13			12		.03	13		.01	13		.02
<i>Seniors in Sci & Math</i>												
11c. Learning community	20			22		-.07	23		-.07	25		-.13
12. Service-learning	63			51 **		.24	48 ***		.30	53 *		.20
11e. Research with faculty	63			43 ***		.40	43 ***		.39	49 ***		.27
11a. Internship or field exp.	64			46 ***		.36	51 **		.26	54 *		.19
11d. Study abroad	13			10		.10	14		-.01	18		-.15
11f. Culminating senior exp.	71			42 ***		.60	40 ***		.64	49 ***		.46
Participated in at least one	94			84 ***		.35	85 ***		.33	88 *		.23
Participated in two or more	82			60 ***		.49	62 ***		.45	69 ***		.30

NSSE 2014 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	Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Your first-year students compared with						
												Public Master's L	Large Public		NSSE 2013 & 2014			
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	146	4	191	4	786	3	2.8	2.8	-.05	2.8	-.02	2.9	-.16
		2	Sometimes	47	45	1,511	37	1,862	38	9,298	33							
		3	Often	29	28	1,394	34	1,693	35	10,012	36							
		4	Very often	26	25	993	25	1,138	23	7,983	28							
		Total	104	100	4,044	100	4,884	100	28,079	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	28	27	614	15	777	16	4,442	16	2.2	2.6 *** ▼	-.38	2.5 *** ▼	-.34	2.5 *** ▼	-.35
		2	Sometimes	40	38	1,373	34	1,710	35	9,793	35							
		3	Often	25	24	1,226	30	1,449	30	8,224	29							
		4	Very often	11	11	819	20	924	19	5,513	20							
		Total	104	100	4,032	100	4,860	100	27,972	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	5	5	181	5	219	5	1,214	4	3.0	3.1	-.14	3.1	-.12	3.1	-.13
		2	Often	13	13	390	10	511	11	2,842	10							
		3	Sometimes	61	60	2,265	56	2,762	57	16,003	57							
		4	Never	23	23	1,186	29	1,374	28	7,876	28							
		Total	102	100	4,022	100	4,866	100	27,935	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	34	34	1,461	36	1,800	37	8,974	32	1.8	1.9	-.11	1.9	-.09	2.0 * ▼	-.22
		2	Sometimes	53	54	1,718	43	2,063	43	11,988	43							
		3	Often	9	9	573	14	721	15	4,865	17							
		4	Very often	3	3	257	6	268	6	2,107	8							
		Total	99	100	4,009	100	4,852	100	27,934	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	4	4	282	7	327	7	1,642	6	3.0	2.6 *** ▲	.40	2.7 *** ▲	.34	2.7 ** ▲	.30
		2	Sometimes	23	23	1,626	40	1,838	38	10,358	37							
		3	Often	45	44	1,358	34	1,698	35	9,931	36							
		4	Very often	30	29	765	19	1,003	21	6,042	22							
		Total	102	100	4,031	100	4,866	100	27,973	100								
f. Explained course material to one or more students	CLexplain	1	Never	1	1	104	3	140	3	619	2	3.0	2.8	.16	2.9	.11	2.9	.09
		2	Sometimes	30	29	1,407	35	1,501	31	8,634	31							
		3	Often	42	41	1,536	38	2,013	41	11,547	41							
		4	Very often	29	28	966	24	1,199	25	7,125	26							
		Total	102	100	4,013	100	4,853	100	27,925	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		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	3	3	512	13	564	12	2,795	10	2.9	2.6 *** ▲	.33	2.7 ** ▲	.26	2.7 * ▲	.22
		2	Sometimes	34	33	1,462	36	1,648	34	9,465	34							
		3	Often	33	32	1,173	29	1,510	31	8,684	31							
		4	Very often	32	31	892	22	1,157	24	7,075	25							
		Total	102	100	4,039	100	4,879	100	28,019	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	1	298	7	321	7	1,668	6	2.8	2.6 * ▲	.22	2.6 * ▲	.22	2.7	.16
		2	Sometimes	38	37	1,585	39	1,966	40	10,768	38							
		3	Often	41	40	1,402	35	1,699	35	9,958	36							
		4	Very often	23	22	751	19	891	18	5,600	20							
		Total	103	100	4,036	100	4,877	100	27,994	100								
i. Gave a course presentation	present	1	Never	10	10	947	24	1,257	26	6,170	22	2.4	2.2 * ▲	.24	2.1 *** ▲	.33	2.2 * ▲	.24
		2	Sometimes	56	54	1,872	46	2,354	48	13,628	49							
		3	Often	27	26	865	21	907	19	5,912	21							
		4	Very often	10	10	344	9	357	7	2,252	8							
		Total	103	100	4,028	100	4,875	100	27,962	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	2	278	7	288	6	1,571	6	2.7	2.7	-.01	2.7	-.03	2.7	-.03
		2	Sometimes	45	44	1,548	38	1,861	38	10,814	39							
		3	Often	42	41	1,436	36	1,804	37	10,469	37							
		4	Very often	14	14	765	19	921	19	5,121	18							
		Total	103	100	4,027	100	4,874	100	27,975	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	8	8	382	10	450	9	2,355	8	2.5	2.6	-.06	2.6	-.05	2.6	-.08
		2	Sometimes	43	42	1,636	41	1,999	41	11,334	41							
		3	Often	43	42	1,337	33	1,641	34	9,621	35							
		4	Very often	9	9	655	16	752	16	4,506	16							
		Total	103	100	4,010	100	4,842	100	27,816	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	14	14	465	12	608	13	2,802	10	2.4	2.5	-.11	2.5	-.08	2.5	-.17
		2	Sometimes	41	41	1,691	42	2,063	43	11,610	42							
		3	Often	38	38	1,240	31	1,489	31	9,027	32							
		4	Very often	8	8	607	15	682	14	4,423	16							
		Total	101	100	4,003	100	4,842	100	27,862	100								

NSSE 2014 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	Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Your first-year students compared with							
												Public Master's L		Large Public		NSSE 2013 & 2014			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							Mean	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	3	3	228	6	282	6	1,386	5	2.7	2.8	-.01	2.8	.00	2.8	-.03	
		2	Sometimes	35	34	1,294	32	1,607	33	9,124	33								
		3	Often	50	49	1,712	43	1,994	41	11,729	42								
		4	Very often	15	15	774	19	962	20	5,628	20								
		Total	103	100	4,008	100	4,845	100	27,867	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	172	4	194	4	997	4	2.8	2.9	-.06	2.9	-.06	2.9	-.08	
		2	Sometimes	31	30	1,182	30	1,494	31	8,346	30								
		3	Often	55	53	1,689	42	1,994	41	11,720	42								
		4	Very often	15	15	957	24	1,165	24	6,770	24								
		Total	103	100	4,000	100	4,847	100	27,833	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	1	140	3	155	3	757	3	3.0	2.9	.16	2.9	.15	2.9	.11	
		2	Sometimes	25	25	1,255	31	1,526	32	8,383	30								
		3	Often	50	50	1,672	42	2,025	42	11,863	43								
		4	Very often	25	25	936	23	1,136	23	6,823	25								
		Total	101	100	4,003	100	4,842	100	27,826	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	71	2	72	1	339	1	3.1	3.1	-.06	3.1	-.08	3.1	-.12	
		2	Sometimes	24	23	800	20	952	20	5,121	18								
		3	Often	49	48	1,758	44	2,124	44	12,503	45								
		4	Very often	30	29	1,372	34	1,677	35	9,828	35								
		Total	103	100	4,001	100	4,825	100	27,791	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	30	29	851	21	973	20	4,979	18	2.0	2.2 *	-.22	2.2 *	-.23	2.3 **	-.28	
		2	Sometimes	48	47	1,861	46	2,297	47	13,332	48								
		3	Often	15	15	847	21	1,045	22	6,450	23								
		4	Very often	9	9	459	11	536	11	3,155	11								
		Total	102	100	4,018	100	4,851	100	27,916	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	61	60	2,180	54	2,516	52	13,640	49	1.6	1.7	-.15	1.7	-.18	1.8 *	-.22	
		2	Sometimes	27	26	1,095	27	1,420	29	8,796	32								
		3	Often	11	11	457	11	590	12	3,576	13								
		4	Very often	3	3	274	7	307	6	1,830	7								
		Total	102	100	4,006	100	4,833	100	27,842	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						
								NSSE 2013 & 2014				Your first-year students compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	24	24	1,306	33	1,532	32	7,502	27	2.2	2.0 *	.23	2.0 *	.25	2.1	.13
		2	Sometimes	43	42	1,651	41	2,123	44	12,382	44							
		3	Often	23	23	717	18	814	17	5,464	20							
		4	Very often	12	12	328	8	368	8	2,492	9							
		Total	102	100	4,002	100	4,837	100	27,840	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	36	36	1,056	26	1,294	27	6,317	23	2.0	2.1	-.14	2.1	-.12	2.2 *	-.20
		2	Sometimes	39	39	1,827	46	2,216	46	13,276	48							
		3	Often	18	18	732	18	930	19	5,684	20							
		4	Very often	8	8	379	9	393	8	2,518	9							
		Total	101	100	3,994	100	4,833	100	27,795	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	1	1	115	3	125	3	818	3	3.0	3.1	-.06	3.1	-.09	3.1	-.06
		2	Some	23	23	854	21	984	20	5,941	21							
		3	Quite a bit	52	51	1,752	43	2,122	44	11,997	43							
		4	Very much	26	25	1,312	33	1,638	34	9,203	33							
		Total	102	100	4,033	100	4,869	100	27,959	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	105	3	123	3	553	2	3.3	3.1 *	.26	3.1 *	.23	3.2	.17
		2	Some	10	10	793	20	894	18	4,682	17							
		3	Quite a bit	51	50	1,715	43	2,091	43	12,091	43							
		4	Very much	41	40	1,405	35	1,744	36	10,566	38							
		Total	102	100	4,018	100	4,852	100	27,892	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	138	3	166	3	814	3	3.2	3.0	.19	3.0 *	.20	3.1	.14
		2	Some	16	16	870	22	1,087	23	5,675	20							
		3	Quite a bit	50	49	1,699	42	2,011	42	11,599	42							
		4	Very much	36	35	1,294	32	1,563	32	9,695	35							
		Total	102	100	4,001	100	4,827	100	27,783	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	7	7	187	5	304	6	1,287	5	2.8	2.9	-.13	2.9	-.05	2.9	-.14
		2	Some	25	25	1,033	26	1,329	27	7,146	26							
		3	Quite a bit	49	49	1,707	43	1,991	41	11,666	42							
		4	Very much	20	20	1,084	27	1,230	25	7,728	28							
		Total	101	100	4,011	100	4,854	100	27,827	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							
														Your first-year students compared with					
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	3	3	204	5	271	6	1,234	4	2.9	2.9	-.06	2.9	-.02	2.9	-.08	
		2	Some	33	32	1,014	25	1,297	27	7,042	25								
		3	Quite a bit	41	40	1,659	41	1,971	41	11,559	42								
		4	Very much	26	25	1,123	28	1,299	27	7,950	29								
		Total	103	100	4,000	100	4,838	100	27,785	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	2	2	67	2	77	2	425	2	3.2	3.2	.02	3.2	.04	3.2	.02	
		2	Some	16	16	618	15	769	16	4,232	15								
		3	Quite a bit	43	42	1,809	45	2,208	45	12,759	45								
		4	Very much	42	41	1,550	38	1,825	37	10,629	38								
		Total	103	100	4,044	100	4,879	100	28,045	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	2	76	2	102	2	502	2	3.2	3.2	.03	3.1	.05	3.2	.02	
		2	Some	15	15	673	17	800	16	4,425	16								
		3	Quite a bit	48	47	1,815	45	2,243	46	12,921	46								
		4	Very much	38	37	1,471	36	1,728	35	10,134	36								
		Total	103	100	4,035	100	4,873	100	27,982	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	85	2	124	3	566	2	3.3	3.2	.09	3.2	.12	3.2	.08	
		2	Some	14	14	681	17	806	17	4,453	16								
		3	Quite a bit	44	43	1,613	40	2,001	41	11,418	41								
		4	Very much	44	43	1,651	41	1,927	40	11,493	41								
		Total	103	100	4,030	100	4,858	100	27,930	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	8	8	270	7	416	9	2,111	8	2.8	2.9	-.11	2.8	.02	2.9	-.07	
		2	Some	27	27	1,085	27	1,478	30	7,783	28								
		3	Quite a bit	44	44	1,492	37	1,771	36	10,120	36								
		4	Very much	22	22	1,175	29	1,194	25	7,935	28								
		Total	101	100	4,022	100	4,859	100	27,949	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	5	5	332	8	455	9	2,090	8	2.7	2.8	-.09	2.7	-.01	2.8	-.11	
		2	Some	37	36	1,160	29	1,498	31	7,941	29								
		3	Quite a bit	41	40	1,466	37	1,786	37	10,661	38								
		4	Very much	19	19	1,052	26	1,106	23	7,144	26								
		Total	102	100	4,010	100	4,845	100	27,836	100									

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First-Year Students ^a in Sci & Math				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Your first-year students compared with						
												Public Master's L	Large Public	NSSE 2013 & 2014				
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	3	3	358	9	395	8	2,075	7	3.0	2.7 *** ▲	.33	2.8 ** ▲	.28	2.8 ** ▲	.26
		2	Sometimes	25	25	1,255	31	1,460	30	8,226	29							
		3	Often	39	38	1,498	37	1,830	37	10,705	38							
		4	Very often	35	34	930	23	1,201	25	7,041	25							
		Total	102	100	4,041	100	4,886	100	28,047	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	12	12	829	21	994	20	5,376	19	2.5	2.3	.19	2.3	.17	2.4	.15
		2	Sometimes	44	44	1,612	40	1,882	39	10,947	39							
		3	Often	26	26	1,017	25	1,310	27	7,653	27							
		4	Very often	19	19	583	14	690	14	4,028	14							
		Total	101	100	4,041	100	4,876	100	28,004	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	13	13	724	18	814	17	4,403	16	2.6	2.4 * ▲	.23	2.4	.18	2.4	.16
		2	Sometimes	37	36	1,627	40	1,902	39	11,033	39							
		3	Often	32	31	1,138	28	1,473	30	8,599	31							
		4	Very often	20	20	533	13	676	14	3,899	14							
		Total	102	100	4,022	100	4,865	100	27,934	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	2	2	212	5	250	5	1,105	4	7.3	6.1 * ▲	.22	6.5	.14	7.1	.04
		1.5	1-2	17	17	874	22	976	20	4,947	18							
		4	3-5	29	28	1,329	33	1,591	33	8,714	32							
		8	6-10	35	34	919	23	1,125	23	7,020	25							
		13	11-15	10	10	362	9	445	9	3,021	11							
		18	16-20	3	3	128	3	209	4	1,320	5							
		23	More than 20	6	6	145	4	211	4	1,440	5							
		Total	102	100	3,969	100	4,807	100	27,567	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	28	28	1,426	37	1,512	33	7,957	30	1.7	1.8	-.04	2.1	-.14	2.2 * ▽	-.16
		1.5	1-2	57	56	1,568	41	1,970	42	11,667	44							
		4	3-5	11	11	578	15	786	17	5,019	19							
		8	6-10	4	4	190	5	277	6	1,596	6							
		13	11-15	1	1	34	1	70	2	346	1							
		18	16-20	0	0	8	0	12	0	101	0							
		23	More than 20	0	0	10	0	22	0	101	0							
		Total	101	100	3,814	100	4,649	100	26,787	100								

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				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State	Public Master's L		Large Public		NSSE 2013 & 2014	
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	77	78	3,019	81	3,510	78	19,468	75	.4	.6	-.09	.7 *	-.12	.7 **	▽
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	20	20	508	14	761	17	5,021	19							
		4	3-5	1	1	95	3	124	3	773	3							
		8	6-10	1	1	34	1	54	1	289	1							
		13	11-15	0	0	25	1	36	1	171	1							
		18	16-20	0	0	13	0	12	0	77	0							
		23	More than 20	0	0	15	0	15	0	95	0							
		Total	99	100	3,709	100	4,512	100	25,894	100								
Estimated number of assigned pages of student writing.	wrpages											41.9	40.1	.04	45.0	-.06	47.7	-.11
(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	3	3	213	5	241	5	1,151	4	3.0	3.1	-.07	3.1	-.10	3.1	-.16
		2	Sometimes	28	27	1,022	25	1,185	24	6,441	23							
		3	Often	38	37	1,137	28	1,410	29	7,940	28							
		4	Very often	33	32	1,669	41	2,054	42	12,523	45							
		Total	102	100	4,041	100	4,890	100	28,055	100								
b. People from an economic background other than your own	DDeconomic	1	Never	3	3	203	5	208	4	1,002	4	3.2	3.0	.19	3.1	.13	3.2	.07
		2	Sometimes	18	18	938	23	1,065	22	5,717	20							
		3	Often	35	34	1,357	34	1,642	34	9,310	33							
		4	Very often	46	45	1,532	38	1,966	40	11,981	43							
		Total	102	100	4,030	100	4,881	100	28,010	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	5	5	260	6	258	5	1,449	5	3.0	3.0	.02	3.1	-.06	3.1	-.06
		2	Sometimes	24	24	974	24	1,093	22	6,482	23							
		3	Often	35	34	1,221	30	1,477	30	8,137	29							
		4	Very often	38	37	1,576	39	2,055	42	11,932	43							
		Total	102	100	4,031	100	4,883	100	28,000	100								
d. People with political views other than your own	DDpolitical	1	Never	4	4	297	7	313	6	1,561	6	3.1	3.0	.17	3.0	.10	3.0	.09
		2	Sometimes	19	19	1,004	25	1,101	23	6,721	24							
		3	Often	39	38	1,258	31	1,561	32	8,608	31							
		4	Very often	40	39	1,455	36	1,889	39	11,020	39							
		Total	102	100	4,014	100	4,864	100	27,910	100								

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Public Master's L		Large Public												NSSE 2013 & 2014						
				Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%			Count	%	Mean	Mean	Effect size ⁿ
9. During the current school year, about how often have you done the following?																				
a. Identified key information from reading assignments	LSreading	1	Never	1	1	43	1	73	1	307	1	3.2	3.2	.10	3.2	.07	3.2	.01		
		2	Sometimes	15	15	740	18	798	16	4,322	15									
		3	Often	45	44	1,747	43	2,121	44	11,885	42									
		4	Very often	42	41	1,511	37	1,881	39	11,510	41									
		Total	103	100	4,041	100	4,873	100	28,024	100										
b. Reviewed your notes after class	LSnotes	1	Never	6	6	160	4	202	4	1,139	4	2.8	3.0 *	-.20	3.0	-.16	3.0	-.18		
		2	Sometimes	35	34	1,090	27	1,396	29	7,788	28									
		3	Often	32	31	1,319	33	1,581	33	8,987	32									
		4	Very often	30	29	1,457	36	1,685	35	10,034	36									
		Total	103	100	4,026	100	4,864	100	27,948	100										
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	10	10	248	6	314	7	1,639	6	2.7	2.9 *	-.23	2.9 *	-.22	2.9 *	-.25		
		2	Sometimes	38	37	1,198	30	1,438	30	8,181	30									
		3	Often	31	30	1,355	34	1,657	34	9,607	35									
		4	Very often	23	23	1,180	30	1,394	29	8,269	30									
		Total	102	100	3,981	100	4,803	100	27,696	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	11	0	22	0	95	0	5.6	5.6	.04	5.6	.01	5.7	-.04		
		2		4	4	33	1	42	1	239	1									
		3		0	0	122	3	145	3	688	2									
		4		6	6	367	9	397	8	2,168	8									
		5		29	28	1,291	32	1,486	30	8,221	29									
		6		43	42	1,284	32	1,635	34	9,620	34									
		7	Very much	20	20	923	23	1,153	24	6,982	25									
		Total	102	100	4,031	100	4,880	100	28,013	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	463	11	442	9	2,483	9	8%	7%	.02	9%	-.05	9%	-.04			
		Do not plan to do	9	9	118	3	118	2	728	3										
		Plan to do	83	81	3,161	78	3,886	80	22,331	80										
		Done or in progress	8	8	295	7	441	9	2,503	9										
		Total	103	100	4,037	100	4,887	100	28,045	100										

NSSE 2014 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							
					NSSE 2013 & 2014						Your first-year students compared with							
					NSSEville State	Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Public Master's L		Large Public		NSSE 2013 & 2014	
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	35	34	1,123	28	1,218	25	7,258	26	11%	10%	.01	12%	-.03	13%	-.06
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	21	20	1,048	26	1,075	22	5,620	20								
	Plan to do	36	35	1,447	36	2,010	41	11,521	41									
	Done or in progress	11	11	413	10	564	12	3,555	13									
	Total	103	100	4,031	100	4,867	100	27,954	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	37	1,241	31	1,374	28	8,679	31	13%	16%	-.09	18%	-.15	16%	-.10
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	30	29	1,112	28	1,410	29	7,782	28								
	Plan to do	21	21	1,028	26	1,198	25	6,965	25									
	Done or in progress	13	13	631	16	879	18	4,492	16									
	Total	102	100	4,012	100	4,861	100	27,918	100									
d. Participate in a study abroad program	abroad		Have not decided	29	28	1,192	30	1,268	26	7,413	27	6%	3% ▲	.16	3%	.14	3%	.12
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	26	25	1,016	25	1,135	23	6,043	22								
	Plan to do	42	41	1,706	42	2,319	48	13,524	48									
	Done or in progress	6	6	104	3	143	3	928	3									
	Total	103	100	4,018	100	4,865	100	27,908	100									
e. Work with a faculty member on a research project	research		Have not decided	22	22	1,332	33	1,386	29	7,905	28	9%	6%	.12	8%	.03	8%	.04
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	5	5	536	13	576	12	2,781	10								
	Plan to do	66	65	1,904	48	2,506	52	14,940	54									
	Done or in progress	9	9	233	6	384	8	2,170	8									
	Total	102	100	4,005	100	4,852	100	27,796	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	19	19	1,343	33	1,558	32	7,849	28	1%	2%	-.08	3%	-.12	2%	-.10
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	1	1	316	8	406	8	1,850	7								
	Plan to do	80	79	2,272	57	2,755	57	17,518	63									
	Done or in progress	1	1	80	2	125	3	627	2									
	Total	101	100	4,011	100	4,844	100	27,844	100									

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

servcourse	1	None	40	38	2,075	52	2,618	54	14,425	52	1.7	1.5	.17	1.5 *	.22	1.5	.17
	2	Some	60	58	1,704	43	1,963	41	11,794	42							
	3	Most	4	4	190	5	223	5	1,411	5							
	4	All	0	0	35	1	33	1	231	1							
		Total	104	100	4,004	100	4,837	100	27,861	100							

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your first-year students compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
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	64	2	80	2	335	1	5.9	5.5 *** ▲	.30	5.6 ** ▲	.25	5.6 ** ▲	.22	
		2	1	1	81	2	87	2	511	2									
		3	1	1	191	5	183	4	1,136	4									
		4	5	5	417	10	468	10	2,482	9									
		5	23	22	986	24	1,133	23	6,286	22									
		6	41	39	1,179	29	1,500	31	8,732	31									
		7	Excellent	33	32	1,116	28	1,416	29	8,502	30								
		—	Not applicable	0	0	13	0	18	0	79	0								
			Total	104	100	4,047	100	4,885	100	28,063	100								
b. Academic advisors	QIadvisor	1	Poor	5	5	182	5	201	4	993	4	5.1	5.0	.03	5.1	.00	5.2	-.06	
		2	3	3	251	6	295	6	1,433	5									
		3	9	9	358	9	397	8	2,144	8									
		4	12	12	556	14	674	14	3,797	14									
		5	23	22	745	18	922	19	5,481	20									
		6	17	16	859	21	1,073	22	6,307	23									
		7	Excellent	24	23	958	24	1,186	24	7,301	26								
		—	Not applicable	11	11	132	3	140	3	553	2								
			Total	104	100	4,041	100	4,888	100	28,009	100								
c. Faculty	QIfaculty	1	Poor	1	1	76	2	130	3	445	2	5.6	5.2 ** ▲	.23	5.2 ** ▲	.26	5.4	.13	
		2	0	0	129	3	163	3	749	3									
		3	3	3	285	7	305	6	1,548	6									
		4	14	13	546	14	677	14	3,420	12									
		5	29	28	980	24	1,229	25	6,642	24									
		6	30	29	1,153	29	1,417	29	8,639	31									
		7	Excellent	26	25	796	20	892	18	6,253	22								
		—	Not applicable	1	1	37	1	46	1	179	1								
			Total	104	100	4,002	100	4,859	100	27,875	100								

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	3	3	230	6	241	5	1,141	4	5.1	4.9	.15	4.9	.11	5.0	.05	
		2		2	2	198	5	234	5	1,230	4								
		3		6	6	327	8	350	7	1,950	7								
		4		16	16	534	13	646	13	3,767	13								
		5		23	22	822	20	1,035	21	5,911	21								
		6		27	26	840	21	1,090	22	6,466	23								
		7	Excellent	15	15	687	17	806	17	5,231	19								
		—	Not applicable	11	11	390	10	473	10	2,237	8								
		Total		103	100	4,028	100	4,875	100	27,933	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	3	3	219	5	269	6	1,222	4	5.0	4.8	.13	4.8	.15	4.9	.07	
		2		4	4	248	6	292	6	1,553	6								
		3		4	4	342	9	401	8	2,232	8								
		4		16	16	574	14	712	15	4,014	14								
		5		24	23	865	22	1,003	21	5,986	21								
		6		21	20	845	21	1,060	22	6,189	22								
		7	Excellent	15	15	655	16	716	15	4,881	17								
		—	Not applicable	16	16	273	7	413	8	1,863	7								
		Total		103	100	4,021	100	4,866	100	27,940	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	52	1	58	1	316	1	3.7	3.2 *** ▲	.60	3.3 *** ▲	.57	3.3 *** ▲	.50	
		2	Some	3	3	525	13	587	12	3,090	11								
		3	Quite a bit	24	23	1,809	45	2,158	45	11,656	42								
		4	Very much	76	73	1,630	41	2,045	42	12,830	46								
		Total		104	100	4,016	100	4,848	100	27,892	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	1	127	3	133	3	698	3	3.4	3.2 *** ▲	.33	3.2 ** ▲	.32	3.2 ** △	.26	
		2	Some	6	6	685	17	787	16	4,237	15								
		3	Quite a bit	43	42	1,582	40	1,968	41	10,826	39								
		4	Very much	53	51	1,596	40	1,941	40	12,001	43								
		Total		103	100	3,990	100	4,829	100	27,762	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	1	1	186	5	202	4	1,041	4	3.3	3.2	.12	3.2	.11	3.3	.07	
		2	Some	11	11	587	15	664	14	3,847	14								
		3	Quite a bit	45	44	1,383	35	1,772	37	9,715	35								
		4	Very much	46	45	1,841	46	2,187	45	13,148	47								
		Total		103	100	3,997	100	4,825	100	27,751	100								

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	10	10	492	12	586	12	3,023	11	2.7	2.7	-.05	2.7	-.04	2.8	-.09
		2	Some	37	36	1,176	29	1,446	30	8,097	29							
		3	Quite a bit	32	31	1,273	32	1,549	32	8,955	32							
		4	Very much	24	23	1,064	27	1,255	26	7,751	28							
		Total	103	100	4,005	100	4,836	100	27,826	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	3	3	226	6	244	5	1,239	4	3.1	3.0	.04	3.1	-.01	3.1	-.04
		2	Some	22	21	865	22	929	19	5,418	19							
		3	Quite a bit	44	43	1,488	37	1,933	40	10,599	38							
		4	Very much	34	33	1,422	36	1,728	36	10,558	38							
		Total	103	100	4,001	100	4,834	100	27,814	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	2	233	6	265	5	1,360	5	3.3	3.0 ** ▲	.32	3.1 ** ▲	.31	3.1 ** △	.28
		2	Some	12	12	789	20	947	20	5,338	19							
		3	Quite a bit	39	38	1,531	38	1,872	39	10,663	38							
		4	Very much	50	49	1,447	36	1,737	36	10,405	37							
		Total	103	100	4,000	100	4,821	100	27,766	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	19	18	833	21	1,000	21	5,345	19	2.4	2.4	.00	2.4	.01	2.4	-.03
		2	Some	40	39	1,424	36	1,749	36	10,038	36							
		3	Quite a bit	29	28	1,084	27	1,311	27	7,812	28							
		4	Very much	15	15	661	17	762	16	4,562	16							
		Total	103	100	4,002	100	4,822	100	27,757	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	6	6	325	8	326	7	1,662	6	2.8	2.9	-.04	2.9	-.10	3.0	-.16
		2	Some	30	29	1,001	25	1,119	23	6,182	22							
		3	Quite a bit	41	40	1,498	38	1,916	40	10,708	39							
		4	Very much	26	25	1,169	29	1,449	30	9,150	33							
		Total	103	100	3,993	100	4,810	100	27,702	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	18	17	596	15	640	13	3,181	11	2.4	2.6	-.18	2.6 * ▽	-.21	2.7 ** ▽	-.29
		2	Some	41	40	1,315	33	1,607	33	8,831	32							
		3	Quite a bit	29	28	1,281	32	1,615	34	9,363	34							
		4	Very much	15	15	793	20	937	20	6,288	23							
		Total	103	100	3,985	100	4,799	100	27,663	100								

NSSE 2014 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																				
						NSSE 2013 & 2014						Your first-year students compared with																				
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014														
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ														
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33	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 10 13 23 25 15 11 6	0 10 13 22 24 15 11 6	21 550 924 875 719 437 240 254	1 14 23 22 18 11 6 6	20 500 993 1,027 906 651 371 385	0 10 20 21 19 13 8 8	86 2,575 5,189 5,685 5,459 3,933 2,449 2,565	0 9 19 20 20 14 9 9	16.8	14.6 ** ▲	.27	15.9	.11	16.6	.02														
				103	100	4,020	100	4,853	100	27,941	100																					
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	24 48 19 4 6 1 0 1	23 47 18 4 6 1 0 1	1,476 1,461 550 246 134 79 19 35	37 37 14 6 3 2 0 1	1,491 1,810 818 355 194 97 27 41	31 37 17 7 4 2 1 1	7,253 10,567 4,878 2,442 1,420 693 264 280	26 38 18 9 5 2 1 1								5.0	4.5	.08	5.1	-.01	5.8	-.12							
				103	100	4,000	100	4,833	100	27,797	100																					
c. Working for pay on campus	tmworkonhrs (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	86 6 2 7 1 0 1 0	83 6 2 7 1 0 1 0	3,404 149 215 132 75 22 8 12	85 4 5 3 2 1 0 0	4,034 155 302 183 121 30 11 19	83 3 6 4 2 1 0 0	21,165 1,634 2,759 1,298 658 177 66 153	76 6 10 5 2 1 0 1															1.7	1.6	.02	1.9	-.04	2.4	-.14
				103	100	4,017	100	4,855	100	27,910	100																					

NSSE 2014 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							
						Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with							
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	95	91	2,906	73	3,660	76	21,798	78	.8	4.2 *** ▼	-.41	3.4 *** ▼	-.35	3.1 *** ▼	-.32	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	3	177	4	244	5	1,233	4								
	8	6-10 hrs	2	2	214	5	244	5	1,261	5									
	13	11-15 hrs	3	3	205	5	213	4	1,027	4									
	18	16-20 hrs	1	1	197	5	226	5	996	4									
	23	21-25 hrs	0	0	134	3	110	2	652	2									
	28	26-30 hrs	0	0	81	2	57	1	354	1									
	33	More than 30 hrs	0	0	87	2	83	2	461	2									
	Total			104	100	4,001	100	4,837	100	27,782	100								
Estimated number of hours working for pay	tmworkhrs											2.5	5.7 *** ▼	-.34	5.2 *** ▼	-.30	5.4 *** ▼	-.32	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservehrs	0	0 hrs	63	62	2,317	58	2,688	56	15,039	54	1.7	2.2	-.13	2.3	-.16	2.2	-.14	
	(Recoded version of tmserve created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	32	1,234	31	1,590	33	9,879	36								
	8	6-10 hrs	4	4	264	7	286	6	1,591	6									
	13	11-15 hrs	0	0	90	2	117	2	553	2									
	18	16-20 hrs	1	1	49	1	59	1	307	1									
	23	21-25 hrs	1	1	17	0	29	1	131	0									
	28	26-30 hrs	0	0	5	0	14	0	45	0									
	33	More than 30 hrs	0	0	12	0	16	0	80	0									
	Total			101	100	3,988	100	4,799	100	27,625	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	73	2	74	2	418	2	14.2	12.1 * ▲	.24	12.7	.18	12.2 * ▲	.25	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	15	949	24	981	20	5,886	21								
	8	6-10 hrs	29	28	1,033	26	1,274	26	7,830	28									
	13	11-15 hrs	17	17	782	20	1,014	21	5,720	21									
	18	16-20 hrs	17	17	509	13	621	13	3,530	13									
	23	21-25 hrs	12	12	282	7	368	8	1,947	7									
	28	26-30 hrs	5	5	140	3	171	4	860	3									
	33	More than 30 hrs	7	7	234	6	315	7	1,518	5									
	Total			102	100	4,002	100	4,818	100	27,709	100								

NSSE 2014 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	Public Master's L	Large Public	NSSE 2013 & 2014		NSSEville State	Your first-year students compared with								
										Public Master's L	Large Public	NSSE 2013 & 2014						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	99	97	3,028	76	3,873	80	22,745	82	.1	2.4 *** ▼	-.36	1.9 *** ▼	-.32	1.7 *** ▼	-.30
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	2	462	12	441	9	2,502	9							
	8	6-10 hrs	1	1	174	4	192	4	938	3								
	13	11-15 hrs	0	0	116	3	113	2	560	2								
	18	16-20 hrs	0	0	73	2	81	2	318	1								
	23	21-25 hrs	0	0	34	1	32	1	179	1								
	28	26-30 hrs	0	0	10	0	20	0	89	0								
	33	More than 30 hrs	0	0	84	2	61	1	364	1								
			Total	102	100	3,981	100	4,813	100	27,695	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	61	60	1,414	35	1,878	39	13,290	48	1.5	4.0 *** ▼	-.47	3.7 *** ▼	-.41	3.1 *** ▼	-.31
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	35	34	1,654	41	1,943	40	9,888	36							
	8	6-10 hrs	6	6	582	15	621	13	2,801	10								
	13	11-15 hrs	0	0	197	5	194	4	933	3								
	18	16-20 hrs	0	0	71	2	88	2	420	2								
	23	21-25 hrs	0	0	41	1	37	1	189	1								
	28	26-30 hrs	0	0	17	0	26	1	89	0								
	33	More than 30 hrs	0	0	35	1	42	1	198	1								
			Total	102	100	4,011	100	4,829	100	27,808	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	10	10	307	11	379	12	1,908	11	2.8	2.8	.07	2.7	.11	2.8	.06
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)		2	Some	32	31	891	33	1,046	34	5,814	33							
		3	About half	32	31	836	31	903	29	5,392	31							
		4	Most	25	24	505	19	537	18	3,344	19							
		5	Almost all	5	5	171	6	201	7	1,133	6							
			Total	104	100	2,710	100	3,066	100	17,591	100							
tmreadinghrs												8.2	6.7 * △	.26	7.1	.17	7.6	.08
(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 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

NSSEville State University

First-Year Students^a in Sci & Math

			Frequency Distributions								Statistical Comparisons ^k					
											Your first-year students compared with					
			NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014		
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	9	0	11	0	54	0					
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	41	40	1,350	50	1,432	47	7,590	43					
		3	More than 5, up to 10 hrs	32	31	800	30	907	30	5,382	31					
		4	More than 10, up to 15 hrs	13	13	277	10	342	11	2,145	12					
		5	More than 15, up to 20 hrs	10	10	136	5	174	6	1,219	7					
		6	More than 20, up to 25 hrs	5	5	85	3	120	4	823	5					
		7	More than 25 hrs	2	2	37	1	54	2	289	2					
		Total		103	100	2,694	100	3,040	100	17,502	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	9	9	339	8	511	10	2,336	8	2.6	2.8 *	-.21	2.8	-.12
		2	Some	38	37	1,042	26	1,318	27	7,469	27					
		3	Quite a bit	37	36	1,634	41	1,893	39	11,103	40					
		4	Very much	19	18	1,019	25	1,149	24	7,077	25					
		Total		103	100	4,034	100	4,871	100	27,985	100					
b. Speaking clearly and effectively	pgspeak	1	Very little	10	10	488	12	775	16	3,809	14	2.7	2.6	.06	2.5	.16
		2	Some	32	31	1,275	32	1,574	32	9,086	33					
		3	Quite a bit	40	39	1,448	36	1,613	33	9,667	35					
		4	Very much	21	20	807	20	903	19	5,359	19					
		Total		103	100	4,018	100	4,865	100	27,921	100					
c. Thinking critically and analytically	pgthink	1	Very little	3	3	135	3	165	3	808	3	3.1	3.1	.02	3.1	.03
		2	Some	20	19	765	19	918	19	4,845	17					
		3	Quite a bit	43	41	1,701	42	2,101	43	11,707	42					
		4	Very much	38	37	1,419	35	1,671	34	10,563	38					
		Total		104	100	4,020	100	4,855	100	27,923	100					
d. Analyzing numerical and statistical information	pganalyze	1	Very little	8	8	313	8	379	8	2,160	8	2.9	2.8	.09	2.8	.08
		2	Some	27	26	1,117	28	1,309	27	7,385	26					
		3	Quite a bit	34	33	1,524	38	1,860	38	10,561	38					
		4	Very much	34	33	1,063	26	1,307	27	7,796	28					
		Total		103	100	4,017	100	4,855	100	27,902	100					

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	9	9	738	18	882	18	4,363	16	2.7	2.5	.19	2.5	.17	2.5	.12	
		2	Some	40	39	1,338	33	1,562	32	9,327	33								
		3	Quite a bit	31	30	1,262	31	1,562	32	8,855	32								
		4	Very much	23	22	688	17	862	18	5,394	19								
		Total	103	100	4,026	100	4,868	100	27,939	100									
f. Working effectively with others	pgothers	1	Very little	5	5	303	8	391	8	2,031	7	2.9	2.8	.11	2.8	.16	2.8	.12	
		2	Some	24	24	1,112	28	1,398	29	7,825	28								
		3	Quite a bit	46	45	1,561	39	1,920	40	10,959	39								
		4	Very much	27	26	1,041	26	1,146	24	7,076	25								
		Total	102	100	4,017	100	4,855	100	27,891	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	11	11	646	16	781	16	3,802	14	2.7	2.6	.09	2.6	.10	2.7	.00	
		2	Some	34	33	1,198	30	1,492	31	8,119	29								
		3	Quite a bit	35	34	1,316	33	1,582	33	9,235	33								
		4	Very much	23	22	861	21	1,002	21	6,748	24								
		Total	103	100	4,021	100	4,857	100	27,904	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	19	18	524	13	661	14	3,432	12	2.3	2.7 *** ▼	-.35	2.7 *** ▼	-.34	2.7 *** ▼	-.38	
		2	Some	43	42	1,234	31	1,444	30	8,436	30								
		3	Quite a bit	29	28	1,315	33	1,660	34	9,223	33								
		4	Very much	12	12	950	24	1,095	23	6,835	24								
		Total	103	100	4,023	100	4,860	100	27,926	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	11	11	595	15	720	15	3,615	13	2.7	2.6	.12	2.5	.13	2.6	.07	
		2	Some	33	32	1,376	34	1,669	34	9,425	34								
		3	Quite a bit	38	37	1,290	32	1,569	32	9,277	33								
		4	Very much	21	20	762	19	897	18	5,586	20								
		Total	103	100	4,023	100	4,855	100	27,903	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	17	17	608	15	715	15	3,764	14	2.4	2.6	-.17	2.5	-.17	2.6 * ▼	-.23	
		2	Some	44	43	1,351	34	1,674	35	9,207	33								
		3	Quite a bit	26	25	1,289	32	1,547	32	9,153	33								
		4	Very much	15	15	763	19	905	19	5,685	20								
		Total	102	100	4,011	100	4,841	100	27,809	100									

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your first-year students compared with						
Item wording or description		Variable name ^l												Values ^m		Response options		Count		%
18. How would you evaluate your entire educational experience at this institution?																				
		evalexp		1	Poor	1	1	72	2	84	2	394	1	3.4	3.2 *** ▲	.35	3.2 ** ▲	.29	3.3 * ▲	.21
		2		Fair	8	8	483	12	531	11	2,869	10								
		3		Good	40	39	2,133	53	2,477	51	13,203	47								
		4		Excellent	54	52	1,357	34	1,799	37	11,585	41								
		Total			103	100	4,045	100	4,891	100	28,051	100								
19. If you could start over again, would you go to the same institution you are now attending?																				
		sameinst		1	Definitely no	1	1	158	4	168	3	956	3	3.4	3.1 *** ▲	.34	3.2 * ▲	.23	3.3 * ▲	.20
		2		Probably no	10	10	571	14	603	12	3,328	12								
		3		Probably yes	38	37	1,840	46	2,053	42	11,459	41								
		4		Definitely yes	55	53	1,473	36	2,066	42	12,329	44								
		Total			104	100	4,042	100	4,890	100	28,072	100								

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
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	5	3	149	3	239	3	899	3	3.1	3.1	.07	3.0 *	.20	3.1	.07
		2	Sometimes	42	26	1,473	27	2,094	31	8,821	26							
		3	Often	41	25	1,728	31	2,180	32	10,850	32							
		4	Very often	75	46	2,193	40	2,333	34	13,399	39							
		Total	163	100	5,543	100	6,846	100	33,969	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	30	18	1,146	21	1,638	24	7,534	22	2.4	2.4	-.05	2.3	.06	2.3	.01
		2	Sometimes	70	43	1,954	35	2,561	38	12,592	37							
		3	Often	38	23	1,456	26	1,607	24	8,357	25							
		4	Very often	25	15	976	18	1,020	15	5,378	16							
		Total	163	100	5,532	100	6,826	100	33,861	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	15	9	260	5	395	6	1,790	5	2.9	3.0 *	-.18	3.0	-.09	3.0	-.11
		2	Often	18	11	704	13	997	15	4,721	14							
		3	Sometimes	99	61	3,202	58	3,927	58	19,860	59							
		4	Never	30	19	1,362	25	1,500	22	7,468	22							
		Total	162	100	5,528	100	6,819	100	33,839	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	53	33	2,495	45	2,963	43	12,472	37	1.9	1.7 *	.18	1.8	.15	1.9	.00
		2	Sometimes	79	49	2,178	40	2,737	40	14,339	42							
		3	Often	21	13	572	10	766	11	4,844	14							
		4	Very often	8	5	268	5	346	5	2,153	6							
		Total	161	100	5,513	100	6,812	100	33,808	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	5	3	442	8	586	9	2,690	8	2.8	2.6 *	.15	2.6 **	.21	2.6 *	.17
		2	Sometimes	59	37	2,246	41	2,894	42	13,878	41							
		3	Often	66	41	1,742	32	2,153	32	11,008	33							
		4	Very often	31	19	1,096	20	1,182	17	6,272	19							
		Total	161	100	5,526	100	6,815	100	33,848	100								
f. Explained course material to one or more students	CLexplain	1	Never	0	0	97	2	159	2	653	2	3.1	3.0 *	.17	2.9 ***	.27	3.0 *	.20
		2	Sometimes	33	20	1,486	27	2,034	30	9,389	28							
		3	Often	74	45	2,254	41	2,750	41	13,662	40							
		4	Very often	56	34	1,691	31	1,843	27	10,070	30							
		Total	163	100	5,528	100	6,786	100	33,774	100								

NSSE 2014 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							
						NSSE 2013 & 2014						Your seniors compared with							
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	7	4	619	11	889	13	3,790	11	2.9	2.7 *	.18	2.6 ***	.26	2.7 **	.19	
		2	Sometimes	53	33	1,894	34	2,421	36	11,460	34								
		3	Often	57	35	1,577	28	1,900	28	10,073	30								
		4	Very often	46	28	1,446	26	1,596	23	8,535	25								
		Total	163	100	5,536	100	6,806	100	33,858	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	1	267	5	436	6	1,673	5	3.2	2.9 ***	.40	2.8 ***	.51	2.8 ***	.42	
		2	Sometimes	32	20	1,753	32	2,350	35	10,823	32								
		3	Often	60	37	2,013	36	2,425	36	12,535	37								
		4	Very often	69	42	1,489	27	1,580	23	8,791	26								
		Total	163	100	5,522	100	6,791	100	33,822	100									
i. Gave a course presentation	present	1	Never	3	2	655	12	1,018	15	3,825	11	3.0	2.6 ***	.47	2.4 ***	.61	2.6 ***	.45	
		2	Sometimes	50	31	2,170	39	2,839	42	13,074	39								
		3	Often	54	33	1,682	30	1,936	28	10,560	31								
		4	Very often	55	34	1,025	19	1,009	15	6,365	19								
		Total	162	100	5,532	100	6,802	100	33,824	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	3	2	157	3	198	3	829	2	3.1	3.0	.10	3.0 *	.17	3.0	.15	
		2	Sometimes	32	20	1,334	24	1,780	26	8,724	26								
		3	Often	69	42	2,147	39	2,758	40	13,608	40								
		4	Very often	59	36	1,887	34	2,086	31	10,677	32								
		Total	163	100	5,525	100	6,822	100	33,838	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	9	6	476	9	638	9	2,673	8	2.9	2.7 **	.24	2.6 ***	.28	2.7 **	.22	
		2	Sometimes	44	27	2,047	37	2,540	37	12,409	37								
		3	Often	67	41	1,832	33	2,308	34	11,483	34								
		4	Very often	43	26	1,146	21	1,302	19	7,120	21								
		Total	163	100	5,501	100	6,788	100	33,685	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	12	7	1,123	20	1,359	20	5,584	17	2.6	2.3 ***	.32	2.3 ***	.31	2.4 **	.21	
		2	Sometimes	72	44	2,378	43	2,952	43	14,109	42								
		3	Often	50	31	1,297	24	1,591	23	9,033	27								
		4	Very often	29	18	708	13	894	13	4,986	15								
		Total	163	100	5,506	100	6,796	100	33,712	100									

NSSE 2014 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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Sci & Math

Frequency Distributions												Statistical Comparisons ^k							
						NSSE 2013 & 2014						Your seniors compared with							
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	6	4	394	7	509	7	2,030	6	2.9	2.7 ** Δ	.20	2.7 ** Δ	.22	2.7 * Δ	.16	
		2	Sometimes	41	25	1,929	35	2,430	36	11,504	34								
		3	Often	83	51	2,091	38	2,523	37	13,268	39								
		4	Very often	33	20	1,092	20	1,334	20	6,919	21								
		Total	163	100	5,506	100	6,796	100	33,721	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	1	330	6	384	6	1,591	5	3.0	2.8 ** Δ	.18	2.8 ** Δ	.18	2.8 * Δ	.14	
		2	Sometimes	39	24	1,682	31	2,135	31	10,194	30								
		3	Often	85	52	2,219	40	2,713	40	13,915	41								
		4	Very often	36	22	1,276	23	1,562	23	8,001	24								
		Total	162	100	5,507	100	6,794	100	33,701	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	1	150	3	221	3	819	2	2.9	2.9	.03	2.9	.09	2.9	.02	
		2	Sometimes	42	26	1,649	30	2,110	31	9,770	29								
		3	Often	83	51	2,217	40	2,791	41	14,161	42								
		4	Very often	36	22	1,468	27	1,661	24	8,907	26								
		Total	163	100	5,484	100	6,783	100	33,657	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	1	90	2	99	1	381	1	3.3	3.2	.14	3.2 * Δ	.17	3.2	.11	
		2	Sometimes	21	13	883	16	1,181	17	5,261	16								
		3	Often	67	42	2,347	43	2,929	43	14,568	43								
		4	Very often	72	45	2,161	39	2,563	38	13,398	40								
		Total	161	100	5,481	100	6,772	100	33,608	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	21	13	742	13	1,025	15	4,123	12	2.6	2.6	.06	2.5	.14	2.6	.02	
		2	Sometimes	59	36	2,123	38	2,755	40	12,856	38								
		3	Often	43	27	1,468	27	1,764	26	9,218	27								
		4	Very often	39	24	1,182	21	1,277	19	7,584	22								
		Total	162	100	5,515	100	6,821	100	33,781	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	42	26	2,041	37	2,505	37	11,273	33	2.4	2.1 * Δ	.20	2.1 ** Δ	.22	2.2 * Δ	.16	
		2	Sometimes	56	34	1,567	29	2,023	30	10,327	31								
		3	Often	29	18	956	17	1,221	18	6,452	19								
		4	Very often	36	22	931	17	1,053	15	5,635	17								
		Total	163	100	5,495	100	6,802	100	33,687	100									

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with							
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	23	14	969	18	1,400	21	5,718	17	2.5	2.4	.07	2.3 ** ▲	.21	2.4	.08	
		2	Sometimes	68	42	2,146	39	2,888	42	13,609	40								
		3	Often	37	23	1,418	26	1,547	23	8,652	26								
		4	Very often	34	21	970	18	965	14	5,720	17								
		Total	162	100	5,503	100	6,800	100	33,699	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	29	18	1,101	20	1,582	23	6,770	20	2.3	2.3	.02	2.2	.14	2.3	.04	
		2	Sometimes	77	47	2,382	43	3,031	45	14,923	44								
		3	Often	31	19	1,224	22	1,382	20	7,401	22								
		4	Very often	26	16	789	14	791	12	4,559	14								
		Total	163	100	5,496	100	6,786	100	33,653	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	8	5	208	4	281	4	1,517	4	2.9	3.0 *	-0.16	3.1 *	-0.18	3.0	-0.13	
		2	Some	41	25	1,228	22	1,425	21	7,637	23								
		3	Quite a bit	71	44	2,182	39	2,661	39	13,147	39								
		4	Very much	43	26	1,908	35	2,453	36	11,507	34								
		Total	163	100	5,526	100	6,820	100	33,808	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	2	122	2	183	3	746	2	3.3	3.3	.05	3.1 **	.20	3.2	.11	
		2	Some	21	13	741	13	1,193	18	5,027	15								
		3	Quite a bit	62	38	2,185	40	2,884	42	14,029	42								
		4	Very much	77	47	2,459	45	2,538	37	13,908	41								
		Total	163	100	5,507	100	6,798	100	33,710	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	4	2	230	4	306	5	1,268	4	3.2	3.2	.04	3.0 *	.17	3.1	.10	
		2	Some	27	17	952	17	1,478	22	6,437	19								
		3	Quite a bit	66	40	2,039	37	2,616	39	13,254	39								
		4	Very much	66	40	2,268	41	2,368	35	12,647	38								
		Total	163	100	5,489	100	6,768	100	33,606	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	19	12	453	8	662	10	2,758	8	2.7	2.8	-0.09	2.7	.02	2.8	-0.07	
		2	Some	39	24	1,531	28	2,107	31	9,676	29								
		3	Quite a bit	69	42	2,014	37	2,412	36	12,362	37								
		4	Very much	36	22	1,500	27	1,600	24	8,862	26								
		Total	163	100	5,498	100	6,781	100	33,658	100									

NSSE 2014 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							
						NSSE 2013 & 2014						Your seniors compared with							
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	7	4	338	6	525	8	2,020	6	2.9	2.9	-.02	2.8	.11	2.9	.01	
		2	Some	40	25	1,315	24	1,897	28	8,539	25								
		3	Quite a bit	71	44	2,145	39	2,565	38	13,221	39								
		4	Very much	43	27	1,697	31	1,792	26	9,851	29								
		Total	161	100	5,495	100	6,779	100	33,631	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	86	2	132	2	534	2	3.4	3.3	.14	3.2 **	.22	3.2 *	.17	
		2	Some	17	10	765	14	1,031	15	4,776	14								
		3	Quite a bit	70	43	2,340	42	3,052	45	15,019	44								
		4	Very much	75	46	2,351	42	2,619	38	13,601	40								
		Total	162	100	5,542	100	6,834	100	33,930	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	2	107	2	147	2	614	2	3.2	3.2	.05	3.1	.12	3.2	.05	
		2	Some	17	10	862	16	1,201	18	5,138	15								
		3	Quite a bit	84	52	2,475	45	3,120	46	15,682	46								
		4	Very much	58	36	2,080	38	2,350	34	12,408	37								
		Total	162	100	5,524	100	6,818	100	33,842	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	1	109	2	155	2	630	2	3.3	3.3	.04	3.2 *	.16	3.3	.09	
		2	Some	14	9	723	13	1,096	16	4,688	14								
		3	Quite a bit	74	46	2,077	38	2,727	40	13,484	40								
		4	Very much	72	44	2,604	47	2,832	42	14,990	44								
		Total	162	100	5,513	100	6,810	100	33,792	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	14	9	595	11	1,006	15	3,925	12	2.8	2.8	.00	2.6 *	.16	2.7	.04	
		2	Some	50	31	1,605	29	2,158	32	10,177	30								
		3	Quite a bit	56	35	1,826	33	2,166	32	11,149	33								
		4	Very much	40	25	1,501	27	1,474	22	8,532	25								
		Total	160	100	5,527	100	6,804	100	33,783	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	13	8	348	6	546	8	2,164	6	2.8	2.9	-.09	2.8	.05	2.9	-.05	
		2	Some	41	26	1,407	26	1,960	29	8,902	26								
		3	Quite a bit	66	41	2,126	39	2,683	40	13,514	40								
		4	Very much	40	25	1,616	29	1,601	24	9,094	27								
		Total	160	100	5,497	100	6,790	100	33,674	100									

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with							
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014				
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	2	1	256	5	423	6	1,628	5	3.2	3.1	.13	2.9 ***	.26	3.0 *	.19	
		2	Sometimes	33	20	1,209	22	1,714	25	8,047	24								
		3	Often	61	38	2,016	36	2,536	37	12,515	37								
		4	Very often	66	41	2,066	37	2,163	32	11,754	35								
		Total	162	100	5,547	100	6,836	100	33,944	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	22	14	769	14	1,111	16	4,918	15	2.7	2.6	.07	2.5 *	.16	2.6	.10	
		2	Sometimes	50	31	1,836	33	2,336	34	11,221	33								
		3	Often	44	27	1,563	28	1,956	29	9,992	29								
		4	Very often	46	28	1,366	25	1,428	21	7,758	23								
		Total	162	100	5,534	100	6,831	100	33,889	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	10	6	570	10	790	12	3,316	10	3.0	2.7 **	.22	2.6 ***	.33	2.7 **	.24	
		2	Sometimes	36	22	1,743	32	2,355	35	10,903	32								
		3	Often	68	42	1,769	32	2,186	32	11,369	34								
		4	Very often	48	30	1,430	26	1,477	22	8,221	24								
		Total	162	100	5,512	100	6,808	100	33,809	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 (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	2	1	469	9	544	8	2,370	7	7.8	6.4 **	.23	6.6 *	.19	7.0	.12	
		1.5	1-2	26	17	1,274	24	1,543	23	7,044	21								
		4	3-5	52	33	1,568	29	1,839	28	9,126	28								
		8	6-10	39	25	1,059	20	1,349	20	7,010	21								
		13	11-15	15	10	417	8	608	9	3,384	10								
		18	16-20	12	8	247	5	326	5	1,702	5								
		23	More than 20	11	7	328	6	416	6	2,342	7								
		Total	157	100	5,362	100	6,625	100	32,978	100									
b. Between 6 and 10 pages	wrmednum (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	24	16	1,448	27	1,784	27	7,772	24	2.9	2.9	.00	2.9	-.01	3.0	-.02	
		1.5	1-2	68	44	1,995	38	2,425	37	12,538	39								
		4	3-5	48	31	1,133	21	1,418	22	7,870	24								
		8	6-10	7	5	428	8	564	9	2,868	9								
		13	11-15	6	4	141	3	182	3	837	3								
		18	16-20	1	1	61	1	83	1	333	1								
		23	More than 20	0	0	64	1	62	1	278	1								
		Total	154	100	5,270	100	6,518	100	32,496	100									

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		Public Master's L												Large Public		NSSE 2013 & 2014			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. 11 pages or more	wrlongnum	0	None	61	41	2,712	53	3,250	51	14,784	47	1.5	1.5	.00	1.5	-.03	1.6	-.05	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	75	50	1,740	34	2,204	35	12,381	39								
		4	3-5	8	5	439	9	539	8	2,950	9								
		8	6-10	1	1	136	3	182	3	939	3								
		13	11-15	5	3	51	1	78	1	357	1								
		18	16-20	0	0	31	1	39	1	166	1								
		23	More than 20	0	0	35	1	50	1	210	1								
		Total	150	100	5,144	100	6,342	100	31,787	100									
Estimated number of assigned pages of student writing.	wrpages											67.1	61.8	.07	64.8	.03	66.9	.00	
	(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	3	339	6	452	7	1,766	5	3.1	3.1	.06	3.0	.12	3.1	.07	
		2	Sometimes	41	25	1,362	25	1,799	26	8,805	26								
		3	Often	46	28	1,453	26	1,831	27	9,066	27								
		4	Very often	71	44	2,379	43	2,740	40	14,273	42								
		Total	163	100	5,533	100	6,822	100	33,910	100									
b. People from an economic background other than your own	DDeconomic	1	Never	3	2	282	5	340	5	1,371	4	3.2	3.1	.07	3.1	.11	3.1	.06	
		2	Sometimes	38	23	1,164	21	1,545	23	7,437	22								
		3	Often	52	32	1,816	33	2,297	34	11,185	33								
		4	Very often	70	43	2,270	41	2,633	39	13,881	41								
		Total	163	100	5,532	100	6,815	100	33,874	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	8	5	334	6	408	6	1,925	6	3.1	3.1	.02	3.1	.03	3.1	.04	
		2	Sometimes	40	25	1,236	22	1,558	23	8,111	24								
		3	Often	42	26	1,623	29	1,990	29	9,765	29								
		4	Very often	72	44	2,325	42	2,842	42	14,007	41								
		Total	162	100	5,518	100	6,798	100	33,808	100									
d. People with political views other than your own	DDpolitical	1	Never	5	3	330	6	404	6	1,752	5	3.1	3.0	.07	3.0	.08	3.0	.07	
		2	Sometimes	39	24	1,300	24	1,638	24	8,334	25								
		3	Often	50	31	1,676	30	2,040	30	10,326	31								
		4	Very often	67	42	2,197	40	2,694	40	13,293	39								
		Total	161	100	5,503	100	6,776	100	33,705	100									

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												Public Master's L	Large Public	NSSE 2013 & 2014				
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	3	2	97	2	144	2	605	2	3.3	3.3	-.02	3.2	.07	3.3	-.01
		2	Sometimes	26	16	806	15	1,195	18	5,099	15							
		3	Often	57	36	2,099	38	2,593	38	12,767	38							
		4	Very often	74	46	2,526	46	2,879	42	15,397	45							
		Total	160	100	5,528	100	6,811	100	33,868	100								
b. Reviewed your notes after class	LSnotes	1	Never	12	8	249	4	419	6	2,142	6	2.8	3.0 **	-.21	2.9	-.06	2.9	-.08
		2	Sometimes	49	31	1,479	27	2,131	31	10,104	30							
		3	Often	50	31	1,645	30	1,977	29	10,013	30							
		4	Very often	48	30	2,163	39	2,276	33	11,553	34							
		Total	159	100	5,536	100	6,803	100	33,812	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	12	8	338	6	443	7	2,203	7	3.0	3.0	.02	2.9	.12	2.9	.09
		2	Sometimes	35	22	1,428	26	2,043	30	9,590	29							
		3	Often	57	36	1,787	33	2,201	33	11,187	33							
		4	Very often	56	35	1,922	35	2,059	31	10,553	31							
		Total	160	100	5,475	100	6,746	100	33,533	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	3	2	32	1	46	1	160	0	5.5	5.8 **	-.24	5.6	-.09	5.7	-.14
		2		2	1	51	1	89	1	371	1							
		3		8	5	123	2	206	3	904	3							
		4		13	8	368	7	570	8	2,637	8							
		5		41	25	1,412	25	1,875	27	9,106	27							
		6		59	36	1,798	32	2,280	33	11,781	35							
		7	Very much	37	23	1,756	32	1,758	26	8,932	26							
		Total	163	100	5,540	100	6,824	100	33,891	100								
11. Which of the following have you done or do you plan to do before you graduate? ^o																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		8	5	439	8	499	7	2,274	7	64%	46% ***	.36	51% **	.26	54% *	.19
		Do not plan to do		24	15	977	18	1,179	17	5,686	17							
		Plan to do		27	17	1,593	29	1,669	24	7,479	22							
		Done or in progress		103	64	2,531	46	3,482	51	18,473	54							
		Total		162	100	5,540	100	6,829	100	33,912	100							

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			NSSEville State	Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Your seniors compared with							
											Public Master's L	Large Public		NSSE 2013 & 2014				
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	9	6	503	9	555	8	2,494	7	51%	38% *** ▲	.26	41% * ▲	.20	47%	.08
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	68	42	2,551	46	2,979	44	13,383	40								
	Plan to do	3	2	378	7	476	7	2,061	6									
	Done or in progress	83	51	2,092	38	2,799	41	15,918	47									
	Total	163	100	5,524	100	6,809	100	33,856	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	14	9	691	13	710	10	3,460	10	20%	22%	-.07	23%	-.07	25%	-.13
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	109	67	3,196	58	4,084	60	19,675	58								
	Plan to do	8	5	394	7	471	7	2,160	6									
	Done or in progress	32	20	1,229	22	1,530	23	8,490	25									
	Total	163	100	5,510	100	6,795	100	33,785	100									
d. Participate in a study abroad program	abroad		Have not decided	9	6	691	13	754	11	3,265	10	13%	10%	.10	14%	-.01	18%	-.15
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	127	79	3,813	69	4,576	67	21,874	65								
	Plan to do	3	2	454	8	540	8	2,360	7									
	Done or in progress	21	13	544	10	920	14	6,235	18									
	Total	160	100	5,502	100	6,790	100	33,734	100									
e. Work with a faculty member on a research project	research		Have not decided	9	6	677	12	748	11	3,220	10	63%	43% *** ▲	.40	43% *** ▲	.39	49% *** ▲	.27
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	35	21	1,484	27	2,008	30	9,281	28								
	Plan to do	17	10	1,005	18	1,094	16	4,648	14									
	Done or in progress	102	63	2,353	43	2,941	43	16,577	49									
	Total	163	100	5,519	100	6,791	100	33,726	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	2	1	643	12	717	11	2,854	8	71%	42% *** ▲	.60	40% *** ▲	.64	49% *** ▲	.46
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	15	9	1,339	24	1,974	29	8,158	24								
	Plan to do	30	18	1,230	22	1,389	20	6,260	19									
	Done or in progress	116	71	2,295	42	2,704	40	16,485	49									
	Total	163	100	5,507	100	6,784	100	33,757	100									
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1	None	61	37	2,707	49	3,544	52	15,968	47	1.7	1.6 ** ▲	.24	1.5 *** ▲	.30	1.6 ** ▲	.22
		2	Some	90	55	2,545	46	2,973	44	16,342	48							
		3	Most	11	7	237	4	252	4	1,317	4							
		4	All	1	1	30	1	38	1	173	1							
		Total	163	100	5,519	100	6,807	100	33,800	100								

NSSE 2014 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							
												Your seniors compared with							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	65	1	87	1	328	1	6.0	5.7 *** ▲	.22	5.6 *** ▲	.26	5.7 ** ▲	.20	
		2		3	2	90	2	121	2	525	2								
		3		1	1	222	4	283	4	1,236	4								
		4		10	6	487	9	623	9	2,880	8								
		5		29	18	1,229	22	1,573	23	7,496	22								
		6		63	39	1,698	31	2,121	31	10,843	32								
		7	Excellent	57	35	1,740	31	1,997	29	10,539	31								
		—	Not applicable	0	0	18	0	29	0	115	0								
		Total	163	100	5,549	100	6,834	100	33,962	100									
b. Academic advisors	QIadvisor	1	Poor	6	4	322	6	455	7	1,684	5	5.6	5.1 *** ▲	.26	5.0 *** ▲	.34	5.2 ** ▲	.22	
		2		2	1	348	6	448	7	1,846	5								
		3		7	4	414	7	586	9	2,499	7								
		4		18	11	659	12	886	13	3,916	12								
		5		30	18	914	16	1,232	18	5,967	18								
		6		37	23	1,183	21	1,344	20	7,308	22								
		7	Excellent	59	36	1,618	29	1,778	26	10,350	31								
		—	Not applicable	4	2	85	2	104	2	350	1								
		Total	163	100	5,543	100	6,833	100	33,920	100									
c. Faculty	QIfaculty	1	Poor	3	2	78	1	113	2	431	1	5.8	5.6 * ▲	.17	5.4 *** ▲	.30	5.6 * ▲	.18	
		2		4	3	111	2	165	2	664	2								
		3		4	3	234	4	357	5	1,389	4								
		4		7	4	527	10	789	12	3,281	10								
		5		28	18	1,136	21	1,620	24	7,301	22								
		6		49	31	1,743	32	2,089	31	10,977	33								
		7	Excellent	61	39	1,655	30	1,627	24	9,554	28								
		—	Not applicable	1	1	20	0	24	0	113	0								
		Total	157	100	5,504	100	6,784	100	33,710	100									

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with							
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	6	4	343	6	404	6	1,758	5	4.9	4.7	.08	4.7	.09	4.8	.05	
		2		9	6	327	6	374	5	1,831	5								
		3		14	9	410	7	529	8	2,739	8								
		4		21	13	695	13	970	14	4,893	14								
		5		33	20	993	18	1,350	20	6,842	20								
		6		32	20	1,007	18	1,259	18	6,679	20								
		7	Excellent	26	16	832	15	950	14	5,093	15								
		—	Not applicable	21	13	914	17	974	14	3,968	12								
		Total	162	100	5,521	100	6,810	100	33,803	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	6	4	393	7	469	7	2,075	6	5.0	4.7 *	.18	4.7 *	.20	4.7 *	.16	
		2		7	4	382	7	437	6	2,072	6								
		3		16	10	519	9	638	9	3,108	9								
		4		26	16	837	15	1,102	16	5,487	16								
		5		31	19	1,196	22	1,518	22	7,570	22								
		6		37	23	1,119	20	1,377	20	7,212	21								
		7	Excellent	33	20	872	16	977	14	5,096	15								
		—	Not applicable	6	4	211	4	302	4	1,243	4								
		Total	162	100	5,529	100	6,820	100	33,863	100									
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	1	97	2	140	2	561	2	3.6	3.3 ***	.43	3.2 ***	.48	3.3 ***	.41	
		2	Some	6	4	775	14	994	15	4,322	13								
		3	Quite a bit	50	31	2,252	41	2,919	43	14,061	42								
		4	Very much	104	64	2,388	43	2,750	40	14,838	44								
		Total	162	100	5,512	100	6,803	100	33,782	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	3	248	5	364	5	1,351	4	3.2	3.0 **	.26	2.9 ***	.35	3.0 **	.21	
		2	Some	19	12	1,240	23	1,681	25	6,961	21								
		3	Quite a bit	73	45	2,266	41	2,856	42	14,135	42								
		4	Very much	64	40	1,727	32	1,856	27	11,152	33								
		Total	161	100	5,481	100	6,757	100	33,599	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	10	6	421	8	492	7	2,004	6	3.0	2.9	.06	2.9	.11	3.0	.01	
		2	Some	37	23	1,257	23	1,673	25	7,464	22								
		3	Quite a bit	57	36	2,049	37	2,645	39	13,099	39								
		4	Very much	56	35	1,766	32	1,958	29	11,071	33								
		Total	160	100	5,493	100	6,768	100	33,638	100									

NSSE 2014 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 Psi & Math				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your seniors compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	34	21	1,018	19	1,324	20	5,789	17	2.4	2.5	-.06	2.4	-.02	2.5	-.10	
		2	Some	57	35	1,857	34	2,357	35	11,382	34								
		3	Quite a bit	40	25	1,572	29	1,911	28	9,754	29								
		4	Very much	31	19	1,044	19	1,193	18	6,761	20								
		Total	162	100	5,491	100	6,785	100	33,686	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	2	437	8	514	8	2,229	7	3.1	2.8 ***	.30	2.8 ***	.30	2.9 **	.21	
		2	Some	34	21	1,473	27	1,835	27	8,231	24								
		3	Quite a bit	64	40	2,141	39	2,657	39	13,182	39								
		4	Very much	60	37	1,443	26	1,778	26	10,033	30								
		Total	162	100	5,494	100	6,784	100	33,675	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	2	558	10	614	9	2,689	8	3.2	2.8 ***	.41	2.8 ***	.39	2.9 ***	.34	
		2	Some	30	19	1,416	26	1,714	25	8,200	24								
		3	Quite a bit	58	36	2,015	37	2,603	38	12,969	39								
		4	Very much	70	43	1,496	27	1,835	27	9,779	29								
		Total	162	100	5,485	100	6,766	100	33,637	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	44	27	1,955	36	2,381	35	10,734	32	2.2	2.0 *	.18	2.0 *	.19	2.1	.13	
		2	Some	58	36	1,982	36	2,454	36	12,624	38								
		3	Quite a bit	40	25	991	18	1,312	19	6,858	20								
		4	Very much	19	12	570	10	619	9	3,413	10								
		Total	161	100	5,498	100	6,766	100	33,629	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	13	8	739	13	740	11	3,160	9	2.8	2.6 *	.18	2.7	.09	2.8	.00	
		2	Some	45	28	1,760	32	2,097	31	9,547	28								
		3	Quite a bit	69	43	1,891	35	2,431	36	12,445	37								
		4	Very much	35	22	1,090	20	1,495	22	8,439	25								
		Total	162	100	5,480	100	6,763	100	33,591	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	34	21	1,008	18	1,190	18	5,197	15	2.3	2.4	-.09	2.4	-.08	2.5 *	-.19	
		2	Some	64	40	2,100	38	2,715	40	12,329	37								
		3	Quite a bit	44	27	1,564	29	1,932	29	10,489	31								
		4	Very much	20	12	805	15	913	14	5,543	17								
		Total	162	100	5,477	100	6,750	100	33,558	100									

NSSE 2014 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
Majors^b in
Sci & Math

Frequency Distributions												Statistical Comparisons ^k							
														Your seniors compared with					
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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)	ttmprephrs	0	0 hrs	0	0	15	0	27	0	88	0	17.8	16.4 *	.16	16.1 *	.19	16.9	.10	
	(Recorded version of ttmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	11	557	10	735	11	3,094	9								
		8	6-10 hrs	28	17	1,149	21	1,421	21	6,508	19								
		13	11-15 hrs	24	15	1,088	20	1,385	20	6,576	19								
		18	16-20 hrs	27	17	1,018	18	1,221	18	6,387	19								
		23	21-25 hrs	24	15	675	12	813	12	4,389	13								
		28	26-30 hrs	18	11	421	8	524	8	2,880	9								
		33	More than 30 hrs	23	14	601	11	691	10	3,890	12								
			Total	162	100	5,524	100	6,817	100	33,812	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	42	26	2,314	42	2,524	37	10,694	32	5.3	4.3 *	.16	4.7	.09	5.5	-.03	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	69	43	1,822	33	2,381	35	11,797	35								
		8	6-10 hrs	26	16	676	12	909	13	5,177	15								
		13	11-15 hrs	10	6	300	5	458	7	2,715	8								
		18	16-20 hrs	9	6	188	3	264	4	1,639	5								
		23	21-25 hrs	2	1	93	2	121	2	814	2								
		28	26-30 hrs	1	1	50	1	57	1	356	1								
		33	More than 30 hrs	2	1	54	1	66	1	447	1								
			Total	161	100	5,497	100	6,780	100	33,639	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	89	55	3,680	67	4,280	63	18,878	56	5.0	4.1	.13	4.8	.03	5.1	.00	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	11	308	6	340	5	2,975	9								
		8	6-10 hrs	18	11	561	10	757	11	4,851	14								
		13	11-15 hrs	19	12	381	7	579	9	3,114	9								
		18	16-20 hrs	15	9	363	7	513	8	2,556	8								
		23	21-25 hrs	2	1	120	2	164	2	705	2								
		28	26-30 hrs	1	1	45	1	85	1	289	1								
		33	More than 30 hrs	1	1	49	1	87	1	368	1								
			Total	163	100	5,507	100	6,805	100	33,736	100								

NSSE 2014 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							
						NSSE 2013 & 2014								Your seniors compared with					
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	83	51	2,625	48	3,638	54	19,609	59	6.8	9.7 *** ▽	-.25	8.3 * ▽	-.14	7.1	-.03	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	12	313	6	366	5	1,958	6								
		8	6-10 hrs	12	7	372	7	465	7	2,270	7								
		13	11-15 hrs	17	10	421	8	483	7	2,115	6								
		18	16-20 hrs	10	6	549	10	578	9	2,541	8								
		23	21-25 hrs	12	7	413	8	440	7	1,762	5								
		28	26-30 hrs	5	3	269	5	287	4	1,186	4								
		33	More than 30 hrs	4	2	518	9	497	7	2,068	6								
		Total			162	100	5,480	100	6,754	100	33,509								100
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											11.9 ▽	13.7 * ▽	-.15	13.0	-.10	12.1	-.02	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	88	55	2,734	50	3,354	50	15,682	47	1.8	2.8 *** ▽	-.21	2.7 *** ▽	-.20	2.8 *** ▽	-.22	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	61	38	1,934	35	2,453	36	13,231	40								
		8	6-10 hrs	8	5	467	9	556	8	2,735	8								
		13	11-15 hrs	2	1	155	3	189	3	949	3								
		18	16-20 hrs	1	1	90	2	90	1	438	1								
		23	21-25 hrs	0	0	34	1	43	1	190	1								
		28	26-30 hrs	0	0	17	0	12	0	99	0								
		33	More than 30 hrs	0	0	26	0	31	0	134	0								
		Total			160	100	5,457	100	6,728	100	33,458								100
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	2	130	2	119	2	617	2	12.0	10.7 * △	.16	11.6	.05	11.4	.07	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	35	22	1,579	29	1,652	24	8,161	24								
		8	6-10 hrs	47	29	1,555	28	1,922	28	9,727	29								
		13	11-15 hrs	32	20	997	18	1,329	20	6,602	20								
		18	16-20 hrs	24	15	587	11	806	12	4,112	12								
		23	21-25 hrs	6	4	281	5	390	6	1,915	6								
		28	26-30 hrs	4	2	110	2	183	3	871	3								
		33	More than 30 hrs	11	7	254	5	369	5	1,572	5								
		Total			162	100	5,493	100	6,770	100	33,577								100

NSSE 2014 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	Public Master's L	Large Public	NSSE 2013 & 2014		NSSEville State	Your seniors compared with								
										Public Master's L	Large Public	NSSE 2013 & 2014						
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	141	88	3,754	68	5,048	75	25,773	77	1.6	4.3 *** ▼	-.30	3.2 *** ▼	-.21	3.0 ** ▼	-.19
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	6	671	12	651	10	3,089	9							
	8	6-10 hrs	2	1	286	5	322	5	1,342	4								
	13	11-15 hrs	2	1	169	3	178	3	795	2								
	18	16-20 hrs	1	1	123	2	158	2	565	2								
	23	21-25 hrs	0	0	58	1	61	1	292	1								
	28	26-30 hrs	1	1	44	1	39	1	192	1								
	33	More than 30 hrs	4	2	377	7	292	4	1,486	4								
	Total		161	100	5,482	100	6,749	100	33,534	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	17	11	518	9	680	10	6,729	20	4.0	5.2 *** ▼	-.23	4.9 ** ▼	-.18	4.3	-.05
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	115	71	3,272	59	4,278	63	19,065	57							
	8	6-10 hrs	22	14	1,186	22	1,223	18	5,322	16								
	13	11-15 hrs	3	2	326	6	394	6	1,588	5								
	18	16-20 hrs	2	1	99	2	97	1	507	2								
	23	21-25 hrs	1	1	37	1	55	1	208	1								
	28	26-30 hrs	1	1	16	0	21	0	95	0								
	33	More than 30 hrs	0	0	54	1	55	1	215	1								
	Total		161	100	5,508	100	6,803	100	33,729	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	1	Very little	28	17	697	18	743	19	3,271	16	2.6	2.6	.04	2.6	.00	2.7	-.05
		2	Some	60	37	1,372	35	1,256	31	6,778	33							
		3	About half	35	21	1,007	26	1,039	26	5,526	27							
		4	Most	26	16	619	16	709	18	3,796	18							
		5	Almost all	14	9	239	6	251	6	1,352	7							
		Total		163	100	3,934	100	3,998	100	20,723	100							
tmreadinghrs											7.7	6.9	.13	6.9	.13	7.4	.04	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

NSSE 2014 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							
						NSSE 2013 & 2014								Your seniors compared with					
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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 (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	0	0	11	0	18	0	59	0								
		2	More than zero, up to 5 hrs	75	46	1,998	51	2,024	51	9,544	46								
		3	More than 5, up to 10 hrs	41	25	1,083	28	1,103	28	6,039	29								
		4	More than 10, up to 15 hrs	18	11	385	10	385	10	2,195	11								
		5	More than 15, up to 20 hrs	18	11	230	6	211	5	1,436	7								
		6	More than 20, up to 25 hrs	4	2	137	3	155	4	969	5								
		7	More than 25 hrs	6	4	74	2	82	2	371	2								
		Total		162	100	3,918	100	3,978	100	20,613	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	15	9	428	8	619	9	2,413	7	2.9	2.9	-.02	2.8	.08	2.9	-.04	
		2	Some	36	22	1,304	24	1,799	26	7,858	23								
		3	Quite a bit	61	37	2,047	37	2,494	37	12,755	38								
		4	Very much	51	31	1,747	32	1,904	28	10,821	32								
		Total		163	100	5,526	100	6,816	100	33,847	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	12	7	490	9	749	11	2,962	9	3.0	2.8 *	.18	2.8 ***	.27	2.9 *	.16	
		2	Some	26	16	1,434	26	1,910	28	8,712	26								
		3	Quite a bit	72	44	2,009	36	2,418	36	12,223	36								
		4	Very much	52	32	1,573	29	1,726	25	9,859	29								
		Total		162	100	5,506	100	6,803	100	33,756	100								
c. Thinking critically and analytically	pgthink	1	Very little	2	1	145	3	203	3	756	2	3.5	3.3 **	.19	3.3 ***	.28	3.4 *	.16	
		2	Some	9	6	650	12	960	14	3,738	11								
		3	Quite a bit	60	37	1,947	35	2,512	37	11,886	35								
		4	Very much	91	56	2,774	50	3,125	46	17,383	51								
		Total		162	100	5,516	100	6,800	100	33,763	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	3	210	4	324	5	1,266	4	3.3	3.2	.09	3.1 **	.21	3.2	.13	
		2	Some	22	14	919	17	1,323	19	5,977	18								
		3	Quite a bit	55	34	1,831	33	2,401	35	11,724	35								
		4	Very much	80	49	2,549	46	2,749	40	14,773	44								
		Total		162	100	5,509	100	6,797	100	33,740	100								

NSSE 2014 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							
						NSSE 2013 & 2014						Your seniors compared with							
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
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	7	636	12	879	13	3,624	11	3.1	2.8 *** ▲	.31	2.7 *** ▲	.37	2.8 *** ▲	.31	
		2	Some	31	19	1,496	27	1,861	27	9,157	27								
		3	Quite a bit	49	30	1,718	31	2,177	32	11,020	33								
		4	Very much	71	44	1,672	30	1,887	28	10,009	30								
		Total	162	100	5,522	100	6,804	100	33,810	100									
f. Working effectively with others	pgothers	1	Very little	3	2	343	6	470	7	1,827	5	3.2	3.0 *** ▲	.29	2.9 *** ▲	.37	3.0 *** ▲	.28	
		2	Some	21	13	1,312	24	1,786	26	8,004	24								
		3	Quite a bit	76	47	2,097	38	2,604	38	13,140	39								
		4	Very much	62	38	1,756	32	1,939	29	10,758	32								
		Total	162	100	5,508	100	6,799	100	33,729	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	20	12	1,060	19	1,330	20	5,216	15	2.7	2.6 * ▲	.17	2.5 ** ▲	.20	2.7	.06	
		2	Some	44	27	1,596	29	2,009	30	9,315	28								
		3	Quite a bit	57	35	1,570	28	1,982	29	10,194	30								
		4	Very much	42	26	1,289	23	1,478	22	9,030	27								
		Total	163	100	5,515	100	6,799	100	33,755	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	35	21	957	17	1,148	17	4,994	15	2.5	2.6	-.08	2.6	-.07	2.6	-.14	
		2	Some	45	28	1,757	32	2,231	33	10,767	32								
		3	Quite a bit	52	32	1,533	28	1,910	28	9,959	29								
		4	Very much	31	19	1,262	23	1,509	22	8,063	24								
		Total	163	100	5,509	100	6,798	100	33,783	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	17	10	612	11	835	12	3,379	10	2.9	2.8	.15	2.7 ** ▲	.21	2.8	.14	
		2	Some	34	21	1,574	29	2,017	30	9,770	29								
		3	Quite a bit	59	36	1,859	34	2,302	34	11,753	35								
		4	Very much	53	33	1,468	27	1,645	24	8,869	26								
		Total	163	100	5,513	100	6,799	100	33,771	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	26	16	943	17	1,203	18	5,098	15	2.6	2.5	.03	2.5	.05	2.6	-.02	
		2	Some	50	31	1,777	32	2,204	33	10,689	32								
		3	Quite a bit	53	33	1,605	29	2,000	30	10,539	31								
		4	Very much	33	20	1,164	21	1,368	20	7,310	22								
		Total	162	100	5,489	100	6,775	100	33,636	100									

NSSE 2014 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				Public Master's L				Large Public				NSSE 2013 & 2014				Your seniors compared with			
																				NSSEville State			
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	2	1	142	3	208	3	738	2	3.5	3.2 *** ▲	.46	3.2 *** ▲	.46	3.3 *** ▲	.34					
		2	Fair	9	6	706	13	874	13	3,628	11												
		3	Good	53	33	2,675	48	3,256	48	14,990	44												
		4	Excellent	99	61	2,018	36	2,494	37	14,551	43												
		Total		163	100	5,541	100	6,832	100	33,907	100												
19. If you could start over again, would you go to the same institution you are now attending?																							
	sameinst	1	Definitely no	5	3	321	6	370	5	1,692	5	3.6	3.1 *** ▲	.57	3.1 *** ▲	.52	3.2 *** ▲	.47					
		2	Probably no	4	2	864	16	985	14	4,671	14												
		3	Probably yes	44	27	2,302	42	2,790	41	13,212	39												
		4	Definitely yes	110	67	2,051	37	2,692	39	14,362	42												
		Total		163	100	5,538	100	6,837	100	33,937	100												

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSEville State								NSSE 2013 & 2014							
			Public Master's L		Large Public		NSSEville State		Public Master's L		Large Public		NSSEville State		Public Master's L		Large Public	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	102	98	3,565	88	4,210	86	23,375	83	160	98	4,823	87	5,752	84	28,549	84
		More than one	2	2	496	12	699	14	4,808	17	3	2	741	13	1,115	16	5,523	16
		Total	104	100	4,061	100	4,909	100	28,183	100	163	100	5,564	100	6,867	100	34,072	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	78	75	3,087	76	3,789	77	21,431	76	135	83	3,932	71	5,134	75	24,976	73
		Physical Sci., Mathematics, & Computer Science	26	25	974	24	1,121	23	6,754	24	28	17	1,633	29	1,733	25	9,100	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	104	100	4,061	100	4,910	100	28,185	100	163	100	5,565	100	6,867	100	34,076	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol (Recoded from MAJsecond)	Arts & Humanities	0	0	69	14	108	16	940	20	1	33	95	13	187	17	995	18
		Biological Sci., Agriculture, & Natural Resources	1	50	66	13	126	18	749	16	0	0	133	18	236	21	1,061	19
		Physical Sci., Mathematics, & Computer Science	1	50	99	20	155	22	1,072	22	1	33	162	22	195	18	1,107	20
		Social Sciences	0	0	59	12	109	16	811	17	1	33	106	14	196	18	1,035	19
		Business	0	0	23	5	54	8	246	5	0	0	22	3	44	4	191	3
		Communications, Media, & Public Relations	0	0	4	1	1	0	44	1	0	0	7	1	13	1	46	1
		Education	0	0	37	7	29	4	191	4	0	0	76	10	57	5	277	5
		Engineering	0	0	39	8	22	3	201	4	0	0	22	3	39	4	167	3
		Health Professions	0	0	56	11	47	7	323	7	0	0	82	11	93	8	368	7
		Social Service Professions	0	0	20	4	19	3	73	2	0	0	15	2	14	1	101	2
		All Other	0	0	15	3	12	2	82	2	0	0	19	3	32	3	137	2
		Undecided, Undeclared	0	0	7	1	11	2	55	1	0	0	2	0	7	1	22	0
		Total	2	100	494	100	693	100	4,787	100	3	100	741	100	1,113	100	5,507	100

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSEville State								NSSE 2013 & 2014							
			Public Master's L		Large Public		NSSEville State		Public Master's L		Large Public		NSSEville State		Public Master's L		Large Public	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	94	90	3,539	88	4,401	90	25,419	91	0	0	4	0	7	0	37	0
		Sophomore	5	5	426	11	410	8	2,166	8	0	0	32	1	43	1	250	1
		Junior	4	4	40	1	49	1	258	1	13	8	364	7	571	8	2,800	8
		Senior	1	1	10	0	9	0	58	0	142	88	5,014	91	6,047	88	30,211	89
		Unclassified	0	0	10	0	16	0	98	0	6	4	125	2	176	3	629	2
		Total	104	100	4,025	100	4,885	100	27,999	100	161	100	5,539	100	6,844	100	33,927	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	88	2	89	2	487	2	34	21	904	16	905	13	4,061	12
		Yes	104	100	3,935	98	4,781	98	27,433	98	127	79	4,613	84	5,911	87	29,767	88
		Total	104	100	4,023	100	4,870	100	27,920	100	161	100	5,517	100	6,816	100	33,828	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	13	0	16	0	79	0	17	11	109	2	104	2	616	2
		1	0	0	8	0	7	0	77	0	4	2	130	2	136	2	594	2
		2	0	0	38	1	40	1	174	1	10	6	298	5	286	4	1,393	4
		3	20	19	252	6	225	5	1,097	4	24	15	711	13	725	11	3,522	10
		4	52	50	1,337	33	1,612	33	9,029	32	52	32	1,757	32	2,108	31	10,906	32
		5	27	26	1,441	36	1,730	35	9,563	34	28	17	1,456	26	2,015	29	9,474	28
		6	5	5	566	14	746	15	4,712	17	17	11	554	10	817	12	4,202	12
		7 or more	0	0	370	9	503	10	3,251	12	9	6	518	9	642	9	3,188	9
		Total	104	100	4,025	100	4,879	100	27,982	100	161	100	5,533	100	6,833	100	33,895	100
b. Of these, how many are entirely online?	onlinenum	0	100	97	3,557	89	4,368	90	25,651	92	154	96	4,714	85	5,703	84	29,147	86
		1	3	3	345	9	373	8	1,706	6	7	4	595	11	841	12	3,398	10
		2	0	0	79	2	78	2	321	1	0	0	132	2	191	3	804	2
		3	0	0	13	0	20	0	90	0	0	0	36	1	54	1	246	1
		4	0	0	8	0	7	0	47	0	0	0	17	0	16	0	99	0
		5	0	0	5	0	11	0	39	0	0	0	7	0	6	0	38	0
		6	0	0	4	0	2	0	32	0	0	0	10	0	7	0	47	0
		7 or more	0	0	5	0	4	0	37	0	0	0	4	0	10	0	46	0
		Total	103	100	4,016	100	4,863	100	27,923	100	161	100	5,515	100	6,828	100	33,825	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrscol	No courses taken online	100	97	3,553	89	4,364	90	25,625	92	154	96	4,707	86	5,692	84	29,114	86
		Some courses taken online	3	3	439	11	464	10	2,075	7	7	4	748	14	1,064	16	4,263	13
		All courses taken online	0	0	14	0	23	0	141	1	0	0	43	1	53	1	365	1
		Total	103	100	4,006	100	4,851	100	27,841	100	161	100	5,498	100	6,809	100	33,742	100

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	56	1	86	2	359	1	1	1	31	1	40	1	127	0
		C	3	3	100	2	133	3	710	3	4	3	168	3	185	3	745	2
		C+	9	9	197	5	241	5	1,147	4	11	7	330	6	350	5	1,442	4
		B-	12	12	293	7	315	6	1,826	7	19	12	511	9	583	9	2,500	7
		B	22	21	798	20	826	17	4,948	18	41	26	1,206	22	1,450	21	6,793	20
		B+	20	19	724	18	816	17	5,199	19	25	16	1,007	18	1,200	18	6,188	18
		A-	20	19	754	19	958	20	5,759	21	27	17	943	17	1,196	17	6,729	20
		A	17	17	1,096	27	1,504	31	8,053	29	32	20	1,338	24	1,833	27	9,382	28
Total	103	100	4,018	100	4,879	100	28,001	100	160	100	5,534	100	6,837	100	33,906	100		
25. Did you begin college at this institution or elsewhere?	begincol	Started here	99	95	3,742	93	4,564	94	26,187	94	108	67	2,959	54	4,068	60	22,640	67
		Started elsewhere	5	5	275	7	298	6	1,772	6	53	33	2,558	46	2,757	40	11,216	33
		Total	104	100	4,017	100	4,862	100	27,959	100	161	100	5,517	100	6,825	100	33,856	100
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	0	0	89	2	80	2	489	2	4	2	339	6	317	5	1,502	4
	attend_com	Community or junior college	5	5	279	7	317	7	1,646	6	91	57	2,445	44	2,398	35	10,428	31
	attend_col	4-year college or university other than this one	7	7	268	7	334	7	1,826	7	25	16	1,468	27	1,725	25	7,631	23
	attend_none	None	91	88	3,320	83	4,082	84	23,632	85	60	37	2,155	39	3,151	46	17,582	52
	attend_other	Other	2	2	125	3	127	3	799	3	5	3	162	3	192	3	1,085	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	5	5	128	3	130	3	689	2	1	1	159	3	166	2	710	2
		Bachelor's degree (B.A., B.S., etc.)	24	23	753	19	795	16	4,212	15	48	30	1,159	21	1,406	21	6,081	18
		Master's degree (M.A., M.S., etc.)	33	32	1,072	27	1,185	24	6,825	24	53	33	1,718	31	1,978	29	9,670	29
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	42	40	2,058	51	2,761	57	16,192	58	57	36	2,490	45	3,267	48	17,360	51
		Total	104	100	4,011	100	4,871	100	27,918	100	159	100	5,526	100	6,817	100	33,821	100

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSEville State								NSSEville State							
			Public Master's L		Large Public		NSSE 2013 & 2014		Public Master's L		Large Public		NSSE 2013 & 2014		Public Master's L		Large Public	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	1	1	293	7	239	5	1,120	4	6	4	319	6	247	4	1,146	3
		High school diploma or G.E.D.	12	12	691	17	657	13	3,728	13	21	13	1,077	19	1,075	16	4,900	14
		Attended college, but did not complete degree	7	7	547	14	517	11	2,819	10	20	12	638	12	682	10	3,084	9
		Associate's degree (A.A., A.S., etc.)	10	10	441	11	480	10	2,620	9	9	6	607	11	751	11	3,378	10
		Bachelor's degree (B.A., B.S., etc.)	40	39	1,104	27	1,449	30	8,100	29	56	35	1,544	28	1,971	29	9,712	29
		Master's degree (M.A., M.S., etc.)	17	17	697	17	1,045	21	6,289	23	35	22	936	17	1,356	20	7,370	22
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	16	16	248	6	485	10	3,268	12	14	9	405	7	732	11	4,263	13
		Total	103	100	4,021	100	4,872	100	27,944	100	161	100	5,526	100	6,814	100	33,853	100
	First-generation status (No parent holds a bachelor's degree)	Not first-generation	73	71	2,049	51	2,979	61	17,657	63	105	65	2,885	52	4,059	60	21,345	63
		First-generation	30	29	1,972	49	1,893	39	10,287	37	56	35	2,641	48	2,755	40	12,508	37
		Total	103	100	4,021	100	4,872	100	27,944	100	161	100	5,526	100	6,814	100	33,853	100
29. What is your gender identity? (Revised for 2014; limited to NSSE 2014 institutions)	genderid	Man	36	35	903	33	1,095	35	6,144	35	67	42	1,528	39	1,657	41	8,371	40
		Woman	67	64	1,773	65	1,949	63	11,273	64	87	54	2,309	59	2,268	57	11,989	58
		Another gender identity	0	0	8	0	10	0	44	0	0	0	10	0	11	0	66	0
		I prefer not to respond	1	1	37	1	35	1	202	1	6	4	90	2	66	2	317	2
		Total	104	100	2,721	100	3,089	100	17,663	100	160	100	3,937	100	4,002	100	20,743	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger	99	95	3,688	92	4,541	93	25,974	93	0	0	49	1	78	1	343	1
		20-23	4	4	219	5	222	5	1,389	5	127	79	3,627	66	5,055	74	26,101	77
		24-29	1	1	63	2	53	1	291	1	23	14	1,180	21	1,077	16	4,624	14
		30-39	0	0	28	1	28	1	166	1	10	6	451	8	409	6	1,830	5
		40-55	0	0	11	0	9	0	66	0	1	1	167	3	159	2	742	2
		Over 55	0	0	4	0	4	0	7	0	0	0	19	0	17	0	81	0
		Total	104	100	4,013	100	4,857	100	27,893	100	161	100	5,493	100	6,795	100	33,721	100
31. Are you an international student or foreign national?	internat	No	100	97	3,819	95	4,592	95	25,981	93	157	99	5,216	95	6,437	95	31,871	95
		Yes	3	3	180	5	245	5	1,807	7	2	1	281	5	353	5	1,781	5
		Total	103	100	3,999	100	4,837	100	27,788	100	159	100	5,497	100	6,790	100	33,652	100

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSEville State								NSSE 2013 & 2014							
			Public Master's L		Large Public		NSSEville State		Public Master's L		Large Public		NSSEville State		Public Master's L		Large Public	
			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	76	2	85	2	585	2	1	1	129	2	117	2	658	2
	re_asian	Asian	10	10	388	10	562	12	3,304	12	12	7	543	10	647	9	3,353	10
	re_black	Black or African American	1	1	395	10	420	9	2,608	9	3	2	313	6	379	6	2,028	6
	re_latino	Hispanic or Latino	15	14	670	17	688	14	3,181	11	19	12	676	12	619	9	2,796	8
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	33	1	25	1	241	1	1	1	38	1	30	0	256	1
	re_white	White	87	84	2,526	63	3,159	65	18,855	67	133	83	3,820	69	4,942	72	24,788	73
	re_other	Other	4	4	137	3	173	4	887	3	2	1	177	3	181	3	895	3
	re_pnr	I prefer not to respond	1	1	153	4	175	4	1,044	4	8	5	311	6	379	6	1,734	5
	Racial or ethnic identification	re_all	0	0	16	0	17	0	111	0	0	0	25	0	31	0	146	0
		(Recoded from re_amind	9	9	321	8	471	10	2,652	9	6	4	434	8	547	8	2,706	8
		through	0	0	307	8	329	7	2,058	7	2	1	244	4	307	4	1,623	5
		where each student is represented only once)	6	6	548	14	534	11	2,230	8	11	7	503	9	451	7	1,901	6
			0	0	13	0	5	0	62	0	0	0	7	0	3	0	75	0
			75	72	2,287	57	2,873	59	16,951	61	116	72	3,498	63	4,597	67	22,846	67
			1	1	77	2	102	2	497	2	0	0	107	2	111	2	528	2
			12	12	300	7	358	7	2,342	8	18	11	397	7	401	6	2,288	7
			1	1	153	4	175	4	1,044	4	8	5	311	6	379	6	1,734	5
		Total	104	100	4,022	100	4,864	100	27,947	100	161	100	5,526	100	6,827	100	33,847	100
33. Are you a member of a social fraternity or sorority?	greek	No	98	95	3,770	94	4,445	91	25,537	92	147	92	5,107	93	6,174	91	30,396	90
		Yes	5	5	245	6	416	9	2,342	8	13	8	400	7	627	9	3,375	10
		Total	103	100	4,015	100	4,861	100	27,879	100	160	100	5,507	100	6,801	100	33,771	100
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)	90	87	2,350	59	3,235	67	20,168	72	21	13	611	11	958	14	8,040	24
		Fraternity or sorority house	0	0	14	0	42	1	207	1	2	1	26	0	109	2	540	2
		Residence (house, apartment, etc.) within walking distance to the institution	7	7	301	8	401	8	1,958	7	56	35	1,544	28	2,033	30	10,444	31
		Residence (house, apartment, etc.) farther than walking distance to the institution	7	7	1,235	31	1,082	22	5,008	18	79	50	3,230	59	3,584	53	14,192	42
		None of the above	0	0	111	3	101	2	530	2	1	1	108	2	122	2	582	2
		Total	104	100	4,011	100	4,861	100	27,871	100	159	100	5,519	100	6,806	100	33,798	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	97	93	3,787	95	4,622	96	24,606	88	155	97	5,306	97	6,600	97	31,090	92
		Yes	7	7	209	5	212	4	3,203	12	5	3	192	3	181	3	2,581	8
		Total	104	100	3,996	100	4,834	100	27,809	100	160	100	5,498	100	6,781	100	33,671	100

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

NSSEville State University

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSEville State								NSSEville State							
			Public Master's L		Large Public		NSSE 2013 & 2014		Public Master's L		Large Public		NSSE 2013 & 2014		Public Master's L		Large Public	
			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	104	100	3,941	99	4,769	99	27,208	98	160	99	5,236	96	6,532	96	32,320	96
		Yes	0	0	49	1	64	1	559	2	1	1	245	4	242	4	1,332	4
		Total	104	100	3,990	100	4,833	100	27,767	100	161	100	5,481	100	6,774	100	33,652	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	95	91	3,641	91	4,423	91	25,212	90	141	88	4,825	88	6,027	89	30,049	89
		Yes	8	8	264	7	301	6	1,851	7	12	7	491	9	574	8	2,714	8
		I prefer not to respond	1	1	112	3	141	3	825	3	8	5	192	3	205	3	1,018	3
		Total	104	100	4,017	100	4,865	100	27,888	100	161	100	5,508	100	6,806	100	33,781	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	25	41	14	57	16	324	15	2	17	66	12	80	12	357	11
	dis_mobility	A mobility impairment	1	13	19	6	23	6	129	6	3	25	53	10	44	7	231	7
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	5	63	122	41	129	36	917	43	6	50	231	42	309	46	1,408	45
	dis_mental	A mental health disorder	1	13	67	23	90	25	498	23	5	42	152	28	184	28	832	27
	dis_other	A disability or impairment not listed above	0	0	68	23	77	22	387	18	1	8	119	22	105	16	532	17
Disability or impairment	disability_all	A sensory impairment	1	1	31	1	37	1	217	1	1	1	39	1	47	1	220	1
	(Recoded from	A mobility impairment	1	1	13	0	13	0	73	0	2	1	27	0	25	0	123	0
	disability and	A learning disability	4	4	90	2	90	2	669	2	3	2	151	3	216	3	997	3
	dis_sense	A mental health disorder	1	1	39	1	50	1	292	1	1	1	85	2	94	1	467	1
	through	A disability or impairment not listed	0	0	50	1	52	1	254	1	1	1	74	1	60	1	330	1
	dis_other	More than one disability or	1	1	41	1	58	1	338	1	4	2	111	2	131	2	566	2
	where each	impairment																
	student is	No disability or impairment	95	91	3,641	91	4,423	91	25,212	90	141	88	4,825	88	6,027	89	30,049	89
	represented	Prefer not to respond	1	1	112	3	141	3	825	3	8	5	192	3	205	3	1,018	3
	only once)	Total	104	100	4,017	100	4,864	100	27,880	100	161	100	5,504	100	6,805	100	33,770	100
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	--	--	1,374	88	1,604	87	9,577	88	--	--	2,081	87	2,400	88	12,155	86
		Gay	--	--	11	1	18	1	119	1	--	--	33	1	48	2	226	2
		Lesbian	--	--	19	1	19	1	83	1	--	--	19	1	20	1	108	1
		Bisexual	--	--	38	2	42	2	291	3	--	--	80	3	73	3	454	3
		Another sexual orientation	--	--	9	1	16	1	80	1	--	--	20	1	17	1	82	1
		Questioning or unsure	--	--	28	2	28	2	178	2	--	--	19	1	27	1	140	1
		I prefer not to respond	--	--	91	6	110	6	616	6	--	--	153	6	151	6	938	7
		Total	--	--	1,570	100	1,837	100	10,944	100	--	--	2,405	100	2,736	100	14,103	100

NSSE 2014 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		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female	68	65	1,829	66	1,997	64	11,551	65	90	55	2,391	60	2,335	58	12,302	59
		Male	36	35	929	34	1,125	36	6,308	35	73	45	1,579	40	1,698	42	8,611	41
		Total	104	100	2,758	100	3,122	100	17,859	100	163	100	3,970	100	4,033	100	20,913	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	19	1	19	0	143	1	0	0	32	1	33	1	193	1
		Asian	3	14	253	7	356	8	1,670	7	3	10	341	7	382	6	1,809	6
		Black or African American	0	0	324	9	336	8	2,030	8	1	3	269	5	318	5	1,631	5
		Hispanic or Latino	3	14	638	18	510	12	2,636	11	6	19	629	13	455	8	2,265	8
		Native Hawaiian/Other Pac. Islander	0	0	5	0	3	0	55	0	0	0	5	0	2	0	67	0
		White	15	71	1,948	55	2,622	63	15,048	61	20	65	3,146	64	4,230	72	20,798	70
		Other	0	0	2	0	5	0	38	0	0	0	1	0	2	0	47	0
		Foreign or nonresident alien	0	0	72	2	112	3	934	4	0	0	117	2	156	3	836	3
		Two or more races/ethnicities	0	0	138	4	122	3	821	3	0	0	137	3	113	2	674	2
		Unknown	0	0	139	4	110	3	1,127	5	1	3	268	5	224	4	1,487	5
		Total	21	100	3,538	100	4,195	100	24,502	100	31	100	4,945	100	5,915	100	29,807	100
Institution-reported class level	IRclass	Freshman/First-Year	104	100	4,061	100	4,910	100	28,185	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	163	100	5,565	100	6,867	100	34,076	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	104	100	4,061	100	4,910	100	28,185	100	163	100	5,565	100	6,867	100	34,076	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	6	6	411	10	393	8	2,251	8	163	100	5,454	98	6,819	99	33,293	98
		Yes	98	94	3,650	90	4,517	92	25,934	92	0	0	111	2	48	1	783	2
		Total	104	100	4,061	100	4,910	100	28,185	100	163	100	5,565	100	6,867	100	34,076	100
Institution-reported enrollment status	IRenrollment	Not full-time	1	1	99	2	103	2	509	2	7	4	803	14	777	11	3,300	10
		Full-time	103	99	3,962	98	4,807	98	27,676	98	156	96	4,762	86	6,090	89	30,776	90
		Total	104	100	4,061	100	4,910	100	28,185	100	163	100	5,565	100	6,867	100	34,076	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 * SEM$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t-tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: * $p < .05$, ** $p < .01$, *** $p < .001$ (2-tailed).
- g. Cohen's *d*: The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. An effect size of .2 is generally considered small, .5 medium, and .8 large.
- 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. An effect size of .2 is generally considered small, .5 medium, and .8 large.
- 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.