
NSSEville State University

NSSE 2013 Major Field Report, Part II

Comparisons to Other Institutions

Engineering

*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 'Engineering' includes the following majors: Aero-, astronautical engineering; Bioengineering; Biomedical engineering; Chemical engineering; Civil engineering; Computer engineering and technology; Computer information systems; Computer science; Electrical or electronic engineering; Engineering (general); Industrial engineering; Information technology; Materials engineering; Mechanical engineering; Other engineering; Petroleum engineering; Software engineering.

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: Engineering.

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. 3-6)	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. 7)	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. 8-41)	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. 42-48)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Engineering NSSEville State University

First-year students^a in Engineering

	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 = 128)	38.8	12.9	1.14	20	30	40	50	60				
Public Research Univ	38.2	13.2	.20	15	30	40	45	60	4,547	.5		.038
Large Public	38.7	13.3	.28	15	30	40	50	60	2,367	.0		.003
NSSE 2013	38.9	13.2	.13	20	30	40	50	60	10,119	-.1		-.011
Reflective & Integrative Learning												
NSSEville State (N = 132)	34.8	11.6	1.01	17	26	34	43	54				
Public Research Univ	32.4	11.9	.18	14	23	31	40	54	4,647	2.4	*	.203
Large Public	32.8	12.0	.25	14	23	31	40	54	2,420	2.0		.167
NSSE 2013	33.3	12.0	.12	14	26	31	40	54	10,349	1.5		.126
Learning Strategies												
NSSEville State (N = 131)	39.6	13.7	1.20	20	33	40	53	60				
Public Research Univ	36.4	13.9	.21	13	27	33	47	60	4,604	3.3	**	.235
Large Public	36.5	14.1	.30	13	27	33	47	60	2,396	3.2	*	.226
NSSE 2013	37.2	13.9	.14	13	27	40	47	60	10,238	2.5	*	.180
Quantitative Reasoning												
NSSEville State (N = 134)	34.7	15.3	1.32	7	27	33	40	60				
Public Research Univ	31.5	15.1	.22	7	20	33	40	60	4,646	3.3	*	.217
Large Public	31.9	15.4	.32	7	20	33	40	60	2,416	2.9	*	.187
NSSE 2013	31.2	15.3	.15	7	20	33	40	60	10,334	3.5	**	.228
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 135)	33.2	13.8	1.19	10	25	30	40	60				
Public Research Univ	36.1	14.0	.21	15	25	35	45	60	4,592	-2.9	*	-.206
Large Public	35.4	13.7	.29	15	25	35	45	60	2,386	-2.1		-.156
NSSE 2013	35.2	14.2	.14	10	25	35	45	60	10,217	-2.0		-.140
Discussions with Diverse Others												
NSSEville State (N = 136)	38.6	17.1	1.47	10	25	40	58	60				
Public Research Univ	40.7	15.6	.23	15	30	40	55	60	4,621	-2.1		-.132
Large Public	41.0	15.6	.33	15	30	40	55	60	2,401	-2.3		-.149
NSSE 2013	40.5	15.8	.16	15	30	40	55	60	10,291	-1.9		-.119

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Engagement Indicators: Engineering NSSEville State University

First-year students^a in Engineering

	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 = 134)	22.0	14.0	1.21	0	10	20	30	45				
Public Research Univ	17.8	13.3	.20	0	10	15	25	40	4,602	4.2	***	.312
Large Public	17.7	13.4	.28	0	10	15	25	40	2,390	4.2	***	.315
NSSE 2013	18.5	13.5	.13	0	10	15	25	45	10,250	3.4	**	.255
Effective Teaching Practices												
NSSEville State (N = 134)	39.8	12.5	1.08	20	32	40	52	60				
Public Research Univ	37.9	12.5	.19	16	28	40	48	60	4,666	1.9		.153
Large Public	38.0	12.5	.26	20	28	40	48	60	2,424	1.8		.146
NSSE 2013	39.4	12.5	.12	20	32	40	48	60	10,389	.4		.035
Campus Environment												
Quality of Interactions												
NSSEville State (N = 134)	40.7	12.9	1.12	16	34	42	50	60				
Public Research Univ	41.6	11.8	.18	20	35	43	50	60	4,441	-.8		-.071
Large Public	41.5	11.8	.25	20	35	42	50	60	2,296	-.8		-.067
NSSE 2013	42.4	11.8	.12	20	36	44	50	60	9,934	-1.7		-.142
Supportive Environment												
NSSEville State (N = 135)	38.8	12.8	1.10	20	30	40	48	60				
Public Research Univ	36.8	13.0	.19	15	28	38	45	60	4,612	1.9		.149
Large Public	37.3	13.0	.27	15	28	38	48	60	2,395	1.5		.113
NSSE 2013	36.8	13.2	.13	15	28	38	45	60	10,284	1.9		.146

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Engineering NSSEville State University

Seniors^a in Engineering

	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 = 138)	39.0	13.4	1.14	15	30	40	50	60				
Public Research Univ	38.6	13.6	.17	15	30	40	50	60	6,890	.4		.030
Large Public	39.1	13.9	.24	15	30	40	50	60	3,378	-.1		-.007
NSSE 2013	38.9	13.7	.12	15	30	40	50	60	13,927	.2		.012
Reflective & Integrative Learning												
NSSEville State (N = 145)	32.0	11.9	.99	14	26	31	40	54				
Public Research Univ	32.0	11.9	.14	14	23	31	40	54	7,057	.0		-.003
Large Public	32.3	11.9	.21	14	23	31	40	54	3,451	-.3		-.028
NSSE 2013	32.9	12.1	.10	14	26	31	40	54	14,264	-.9		-.075
Learning Strategies												
NSSEville State (N = 144)	38.0	14.7	1.22	13	27	40	47	60				
Public Research Univ	35.7	14.9	.18	13	27	33	47	60	6,961	2.2		.151
Large Public	36.3	15.1	.26	13	27	33	47	60	3,397	1.6		.107
NSSE 2013	36.0	14.9	.13	13	27	33	47	60	14,076	1.9		.129
Quantitative Reasoning												
NSSEville State (N = 144)	34.5	16.8	1.40	7	20	40	47	60				
Public Research Univ	36.2	16.2	.20	7	27	40	47	60	7,018	-1.7		-.103
Large Public	36.8	16.2	.28	13	27	40	47	60	3,436	-2.2		-.138
NSSE 2013	34.9	16.5	.14	7	20	33	47	60	14,214	-.4		-.022
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 141)	33.8	14.0	1.18	10	25	35	40	60				
Public Research Univ	39.2	14.1	.17	15	30	40	50	60	6,987	-5.4	***	-.384
Large Public	39.2	14.0	.24	15	30	40	50	60	3,420	-5.4	***	-.383
NSSE 2013	37.2	14.7	.12	15	25	40	50	60	14,111	-3.4	**	-.228
Discussions with Diverse Others												
NSSEville State (N = 145)	42.0	17.3	1.44	10	30	45	60	60				
Public Research Univ	41.1	16.4	.20	10	30	40	60	60	7,006	.9		.056
Large Public	41.8	16.5	.29	10	30	40	60	60	3,425	.3		.016
NSSE 2013	40.3	16.6	.14	10	30	40	60	60	14,146	1.8		.106

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Engineering NSSEville State University

Seniors^a in Engineering

	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 = 142)	23.3	15.3	1.28	0	10	20	35	50				
Public Research Univ	21.8	15.1	.18	0	10	20	30	50	6,987	1.5		.099
Large Public	21.5	15.3	.27	0	10	20	30	50	3,413	1.8		.120
NSSE 2013	21.8	15.3	.13	0	10	20	30	50	14,106	1.6		.104
Effective Teaching Practices												
NSSEville State (N = 145)	39.5	14.5	1.21	16	28	40	52	60				
Public Research Univ	36.8	13.3	.16	16	28	36	48	60	7,074	2.7	*	.200
Large Public	36.4	13.7	.24	12	28	36	48	60	3,464	3.1	**	.223
NSSE 2013	37.8	13.4	.11	16	28	40	48	60	14,310	1.7		.127
Campus Environment												
Quality of Interactions												
NSSEville State (N = 143)	43.6	11.0	.92	24	38	44	52	60				
Public Research Univ	41.0	11.2	.14	20	34	42	50	58	6,832	2.6	**	.230
Large Public	41.1	11.4	.20	20	34	42	50	60	3,315	2.5	**	.221
NSSE 2013	41.9	11.5	.10	20	35	43	50	60	13,739	1.7		.148
Supportive Environment												
NSSEville State (N = 144)	29.8	13.5	1.12	5	20	30	38	55				
Public Research Univ	31.5	13.7	.17	9	23	33	40	55	7,002	-1.6		-.120
Large Public	31.9	14.0	.24	8	23	33	40	58	3,423	-2.0		-.145
NSSE 2013	31.2	14.0	.12	8	20	30	40	58	14,162	-1.4		-.098

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

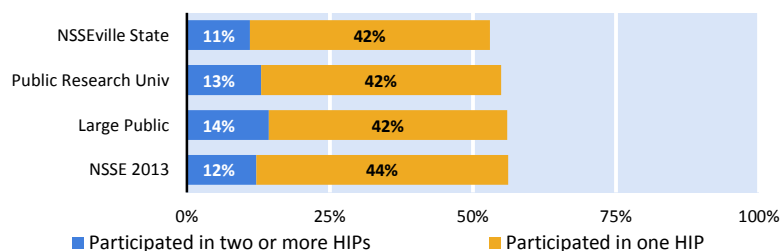
High-Impact Practices: Engineering

NSSEville State University

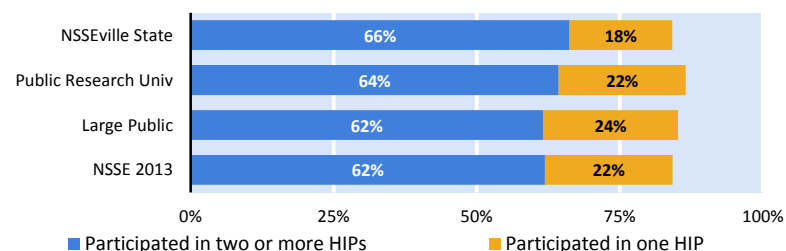
Overall HIP Participation^a

The figures below display the percentage of students who participated in high-impact practices. Both figures include participation in learning communities, service-learning, and research with faculty. The senior figure also includes participation in internships or field experiences, study abroad, and culminating senior experiences. 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 Engineering



Seniors in Engineering



Statistical Comparisons^a

The table below compares the percentage of your students who participated^b in a high-impact practice, as well as the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	NSSEville State		Public Research Univ		Large Public		NSSE 2013	
	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
<i>First-Year Students in Engineering</i>								
11c. Learning community	11		23 **		26 ***		18 *	
12. Service-learning	49		41	.17	40 *	.19	46	.06
11e. Research with faculty	7		6	.04	7	.00	6	.04
Participated in at least one	53		55	-.04	56	-.06	56	-.06
Participated in two or more	11		13	-.06	14	-.10	12	-.04
<i>Seniors in Engineering</i>								
11c. Learning community	23		28	-.10	30	-.15	25	-.04
12. Service-learning	48		41	.13	39 *	.17	44	.07
11e. Research with faculty	32		29	.05	30	.05	28	.09
11a. Internship or field exp.	55		58	-.06	58	-.05	54	.01
11d. Study abroad	12		10	.07	10	.06	9	.09
11f. Culminating senior exp.	62		53 *	.18	50 **	.25	52 *	.21
Participated in at least one	84		87	-.07	85	-.03	84	.00
Participated in two or more	66		64	.04	62	.10	62	.09

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Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public		NSSE 2013	
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	233	5	129	6	391	4	2.7	2.6	.08	2.6	.08	2.8	-.06
		2	Sometimes	60	45	1,954	43	980	43	3,938	38							
		3	Often	45	34	1,544	34	766	33	3,668	36							
		4	Very often	26	20	814	18	426	19	2,293	22							
		Total	133	100	4,545	100	2,301	100	10,290	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	17	13	1,039	23	538	23	2,009	20	2.5	2.3 *	.18	2.3	.17	2.4	.10
		2	Sometimes	54	41	1,680	37	809	35	3,820	37							
		3	Often	43	32	1,195	26	631	28	2,856	28							
		4	Very often	19	14	607	13	313	14	1,559	15							
		Total	133	100	4,521	100	2,291	100	10,244	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	5	4	202	4	117	5	451	4	3.1	3.0	.14	3.0	.16	3.0	.11
		2	Often	18	14	622	14	329	14	1,284	13							
		3	Sometimes	67	50	2,629	58	1,300	57	5,974	58							
		4	Never	43	32	1,067	24	544	24	2,527	25							
		Total	133	100	4,520	100	2,290	100	10,236	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	50	37	2,066	46	1,051	46	4,176	41	1.9	1.8	.17	1.8	.17	1.8	.07
		2	Sometimes	54	40	1,656	37	836	37	4,054	40							
		3	Often	25	19	600	13	300	13	1,454	14							
		4	Very often	6	4	196	4	102	4	547	5							
		Total	135	100	4,518	100	2,289	100	10,231	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	8	6	272	6	137	6	778	8	2.6	2.8 *	-.21	2.7	-.16	2.7	-.14
		2	Sometimes	60	44	1,521	34	820	36	3,564	35							
		3	Often	45	33	1,653	37	836	37	3,626	35							
		4	Very often	22	16	1,075	24	495	22	2,275	22							
		Total	135	100	4,521	100	2,288	100	10,243	100								
f. Explained course material to one or more students	CLexplain	1	Never	3	2	111	2	54	2	333	3	2.8	2.9 *	-.18	2.9	-.14	2.9	-.12
		2	Sometimes	50	37	1,336	30	713	31	3,157	31							
		3	Often	57	42	1,910	42	965	42	4,213	41							
		4	Very often	25	19	1,158	26	552	24	2,514	25							
		Total	135	100	4,515	100	2,284	100	10,217	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013
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	16	12	512	11	256	11	1,323	13	2.7	2.7	-.05	2.7	-.02	2.7	.02
		2	Sometimes	40	30	1,403	31	751	33	3,318	32							
		3	Often	52	39	1,455	32	740	32	3,206	31							
		4	Very often	27	20	1,155	26	539	24	2,394	23							
		Total	135	100	4,525	100	2,286	100	10,241	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	7	5	216	5	125	5	553	5	2.6	2.8 **	-.24	2.8 *	-.19	2.8 *	-.22
		2	Sometimes	59	44	1,508	33	789	34	3,373	33							
		3	Often	49	36	1,727	38	869	38	3,886	38							
		4	Very often	20	15	1,072	24	506	22	2,420	24							
		Total	135	100	4,523	100	2,289	100	10,232	100								
i. Gave a course presentation	present	1	Never	31	23	1,325	29	661	29	2,588	25	2.1	2.0 *	.20	2.0	.16	2.1	.09
		2	Sometimes	63	47	2,191	48	1,086	47	5,008	49							
		3	Often	29	22	748	17	402	18	1,937	19							
		4	Very often	11	8	255	6	142	6	705	7							
		Total	134	100	4,519	100	2,291	100	10,238	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	7	5	282	6	143	6	600	6	2.7	2.6	.06	2.6	.05	2.7	.04
		2	Sometimes	48	36	1,827	40	921	40	4,091	40							
		3	Often	61	45	1,707	38	845	37	3,826	37							
		4	Very often	19	14	713	16	382	17	1,727	17							
		Total	135	100	4,529	100	2,291	100	10,244	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	19	14	612	14	271	12	1,278	13	2.5	2.4	.17	2.4	.13	2.4	.10
		2	Sometimes	43	33	2,142	47	1,098	48	4,684	46							
		3	Often	56	42	1,311	29	682	30	3,065	30							
		4	Very often	14	11	447	10	237	10	1,174	12							
		Total	132	100	4,512	100	2,288	100	10,201	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	20	15	853	19	416	18	1,698	17	2.3	2.3	.10	2.3	.07	2.3	.02
		2	Sometimes	62	46	2,088	46	1,030	45	4,620	45							
		3	Often	38	28	1,128	25	595	26	2,737	27							
		4	Very often	14	10	434	10	235	10	1,138	11							
		Total	134	100	4,503	100	2,276	100	10,193	100								

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Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	5	4	325	7	160	7	647	6	2.8	2.6 **	.26	2.7 **	.24	2.7 *	.21
		2	Sometimes	36	28	1,719	38	844	37	3,702	36							
		3	Often	63	48	1,774	39	915	40	4,155	41							
		4	Very often	26	20	693	15	366	16	1,700	17							
		Total	130	100	4,511	100	2,285	100	10,204	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	4	3	258	6	132	6	523	5	3.0	2.7 **	.26	2.8 **	.23	2.8 *	.21
		2	Sometimes	33	25	1,553	34	758	33	3,381	33							
		3	Often	61	46	1,814	40	925	40	4,137	41							
		4	Very often	35	26	888	20	469	21	2,157	21							
		Total	133	100	4,513	100	2,284	100	10,198	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	4	191	4	96	4	388	4	2.8	2.7	.11	2.8	.09	2.8	.06
		2	Sometimes	40	30	1,646	37	810	35	3,548	35							
		3	Often	61	46	1,815	40	940	41	4,182	41							
		4	Very often	27	20	852	19	437	19	2,075	20							
		Total	133	100	4,504	100	2,283	100	10,193	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	2	88	2	33	1	177	2	3.1	3.0	.09	3.0	.07	3.0	.03
		2	Sometimes	25	19	1,115	25	555	24	2,313	23							
		3	Often	68	51	2,013	45	1,038	46	4,589	45							
		4	Very often	38	29	1,286	29	652	29	3,104	30							
		Total	133	100	4,502	100	2,278	100	10,183	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	22	1,250	28	627	28	2,724	27	2.1	2.0	.10	2.1	.09	2.1	.08
		2	Sometimes	66	49	2,129	47	1,062	47	4,840	47							
		3	Often	28	21	815	18	419	18	1,897	19							
		4	Very often	10	7	322	7	172	8	754	7							
		Total	134	100	4,516	100	2,280	100	10,215	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	54	40	2,470	55	1,252	55	5,500	54	1.9	1.7 ***	.33	1.7 ***	.33	1.7 ***	.32
		2	Sometimes	47	35	1,313	29	656	29	3,061	30							
		3	Often	21	16	529	12	274	12	1,179	12							
		4	Very often	12	9	192	4	93	4	452	4							
		Total	134	100	4,504	100	2,275	100	10,192	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	36	27	1,530	34	804	35	3,219	32	2.1	1.9 **	.27	1.9 **	.29	2.0 *	.20
		2	Sometimes	53	40	2,032	45	1,007	44	4,589	45							
		3	Often	35	26	712	16	351	15	1,787	18							
		4	Very often	10	7	227	5	112	5	592	6							
		Total	134	100	4,501	100	2,274	100	10,187	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	30	22	1,384	31	713	31	2,900	28	2.2	2.0 **	.29	1.9 **	.29	2.0 *	.21
		2	Sometimes	59	44	2,176	48	1,087	48	4,918	48							
		3	Often	35	26	709	16	350	15	1,738	17							
		4	Very often	10	7	230	5	122	5	624	6							
		Total	134	100	4,499	100	2,272	100	10,180	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	5	4	196	4	94	4	503	5	2.8	2.8	.00	2.8	-.03	2.8	.04
		2	Some	44	33	1,364	30	677	30	3,204	31							
		3	Quite a bit	55	41	2,008	44	1,001	44	4,484	44							
		4	Very much	30	22	960	21	515	23	2,050	20							
		Total	134	100	4,528	100	2,287	100	10,241	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	2	106	2	55	2	237	2	3.1	3.2	-.06	3.2	-.08	3.2	-.04
		2	Some	27	20	690	15	342	15	1,642	16							
		3	Quite a bit	53	40	1,942	43	961	42	4,439	43							
		4	Very much	50	38	1,777	39	926	41	3,887	38							
		Total	132	100	4,515	100	2,284	100	10,205	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	4	3	186	4	88	4	381	4	3.0	3.0	.00	3.0	-.01	3.0	-.03
		2	Some	32	24	1,070	24	553	24	2,317	23							
		3	Quite a bit	57	43	1,843	41	909	40	4,206	41							
		4	Very much	39	30	1,400	31	724	32	3,278	32							
		Total	132	100	4,499	100	2,274	100	10,182	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	4	411	9	207	9	765	8	2.8	2.6 *	.19	2.7	.15	2.7	.10
		2	Some	44	33	1,606	36	763	33	3,392	33							
		3	Quite a bit	55	41	1,652	37	869	38	3,933	39							
		4	Very much	29	22	833	19	441	19	2,096	21							
		Total	133	100	4,502	100	2,280	100	10,186	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	10	8	283	6	145	6	542	5	2.8	2.8	.02	2.8	-.02	2.9	-.03
		2	Some	30	23	1,334	30	624	27	2,906	29							
		3	Quite a bit	66	50	1,829	41	937	41	4,197	41							
		4	Very much	27	20	1,043	23	564	25	2,510	25							
		Total	133	100	4,489	100	2,270	100	10,155	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	1	90	2	44	2	191	2	3.1	3.1	.02	3.1	.00	3.1	-.06
		2	Some	27	20	878	19	440	19	1,753	17							
		3	Quite a bit	64	47	2,196	48	1,097	48	4,881	48							
		4	Very much	42	31	1,369	30	710	31	3,433	33							
		Total	135	100	4,533	100	2,291	100	10,258	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	4	98	2	40	2	217	2	3.0	3.1	-.12	3.1	-.12	3.1 *	-.17
		2	Some	27	20	839	19	445	19	1,738	17							
		3	Quite a bit	65	48	2,220	49	1,111	49	4,940	48							
		4	Very much	37	27	1,370	30	692	30	3,345	33							
		Total	135	100	4,527	100	2,288	100	10,240	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	4	3	126	3	54	2	273	3	3.1	3.1	-.01	3.1	-.02	3.1	-.05
		2	Some	26	19	876	19	458	20	1,881	18							
		3	Quite a bit	59	44	1,986	44	982	43	4,361	43							
		4	Very much	45	34	1,538	34	791	35	3,708	36							
		Total	134	100	4,526	100	2,285	100	10,223	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	10	8	562	12	291	13	995	10	2.9	2.6 ***	.29	2.6 ***	.29	2.7 *	.16
		2	Some	29	22	1,579	35	800	35	3,247	32							
		3	Quite a bit	63	47	1,522	34	759	33	3,656	36							
		4	Very much	31	23	859	19	441	19	2,330	23							
		Total	133	100	4,522	100	2,291	100	10,228	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	5	4	425	9	214	9	766	8	3.0	2.7 ***	.34	2.7 ***	.34	2.8 **	.22
		2	Some	31	23	1,527	34	780	34	3,138	31							
		3	Quite a bit	62	47	1,747	39	865	38	4,050	40							
		4	Very much	35	26	815	18	424	19	2,250	22							
		Total	133	100	4,514	100	2,283	100	10,204	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
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	7	5	249	5	128	6	612	6	2.9	2.9	-.01	2.9	-.03	2.9	.02	
		2	Sometimes	33	25	1,173	26	580	25	2,743	27								
		3	Often	60	45	1,865	41	921	40	4,157	40								
		4	Very often	34	25	1,253	28	666	29	2,755	27								
		Total	134	100	4,540	100	2,295	100	10,267	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	14	10	834	18	423	18	1,894	18	2.7	2.4 ***	.34	2.4 ***	.32	2.4 ***	.33	
		2	Sometimes	41	30	1,810	40	899	39	4,032	39								
		3	Often	52	39	1,239	27	618	27	2,844	28								
		4	Very often	28	21	655	14	355	15	1,486	14								
		Total	135	100	4,538	100	2,295	100	10,256	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	16	12	633	14	312	14	1,522	15	2.6	2.4	.17	2.5	.14	2.4 *	.18	
		2	Sometimes	47	35	1,885	42	933	41	4,215	41								
		3	Often	49	36	1,412	31	725	32	3,144	31								
		4	Very often	23	17	594	13	318	14	1,351	13								
		Total	135	100	4,524	100	2,288	100	10,232	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	6	5	365	8	159	7	620	6	5.5	5.7	-.03	5.9	-.07	6.5 *	-.16	
		1.5	1-2	24	18	1,021	23	506	22	2,054	20								
		4	3-5	55	42	1,431	32	718	32	3,204	32								
		8	6-10	35	27	1,023	23	524	23	2,430	24								
		13	11-15	8	6	374	8	199	9	939	9								
		18	16-20	0	0	140	3	86	4	403	4								
		23	More than 20	4	3	115	3	61	3	460	5								
		Total	132	100	4,469	100	2,253	100	10,110	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	41	31	1,682	39	823	38	3,455	35	2.4	2.0	.15	2.1	.10	2.1	.09	
		1.5	1-2	58	44	1,626	38	820	37	3,916	40								
		4	3-5	22	17	695	16	359	16	1,631	17								
		8	6-10	8	6	232	5	136	6	538	5								
		13	11-15	1	1	66	2	43	2	162	2								
		18	16-20	1	1	17	0	9	0	45	0								
		23	More than 20	2	2	10	0	4	0	44	0								
		Total	133	100	4,328	100	2,194	100	9,791	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public		NSSE 2013	
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	107	82	3,252	77	1,622	76	7,023	74	1.1	0.7	.17	0.8	.15	0.9	.10
		1.5	1-2	8	6	674	16	335	16	1,797	19							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	6	5	142	3	94	4	347	4							
		8	6-10	4	3	77	2	51	2	164	2							
		13	11-15	3	2	29	1	14	1	78	1							
		18	16-20	1	1	16	0	3	0	37	0							
		23	More than 20	1	1	11	0	6	0	51	1							
		Total		130	100	4,201	100	2,125	100	9,497	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing)									50	42	.15	44	.11	47	.05
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	11	8	225	5	106	5	530	5	2.9	3.0	-.07	3.0	-.10	3.0	-.09
		2	Sometimes	35	26	1,219	27	584	26	2,647	26							
		3	Often	40	29	1,381	30	707	31	3,001	29							
		4	Very often	50	37	1,710	38	893	39	4,077	40							
		Total	136	100	4,535	100	2,290	100	10,255	100								
b. People from an economic background other than your own	DDeconomic	1	Never	11	8	204	5	99	4	481	5	2.9	3.0	-.11	3.1	-.13	3.1	-.13
		2	Sometimes	32	24	1,048	23	514	22	2,301	22							
		3	Often	46	34	1,607	35	831	36	3,519	34							
		4	Very often	47	35	1,669	37	847	37	3,935	38							
		Total	136	100	4,528	100	2,291	100	10,236	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	13	10	239	5	121	5	694	7	2.9	3.0	-.10	3.1	-.11	3.0	-.05
		2	Sometimes	30	22	1,118	25	541	24	2,580	25							
		3	Often	44	32	1,399	31	722	32	3,020	30							
		4	Very often	49	36	1,767	39	902	39	3,930	38							
		Total	136	100	4,523	100	2,286	100	10,224	100								
d. People with political views other than your own	DDpolitical	1	Never	10	7	242	5	129	6	604	6	2.9	3.0 *	-.18	3.0 *	-.17	3.0	-.13
		2	Sometimes	43	32	1,073	24	530	23	2,603	26							
		3	Often	36	26	1,434	32	728	32	3,158	31							
		4	Very often	47	35	1,757	39	886	39	3,838	38							
		Total	136	100	4,506	100	2,273	100	10,203	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
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	
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	126	3	64	3	220	2	3.0	3.0	.06	3.0	.05	3.0	-.01	
		2	Sometimes	29	22	1,129	25	570	25	2,345	23								
		3	Often	65	49	2,046	45	1,021	45	4,639	45								
		4	Very often	37	28	1,223	27	634	28	3,030	30								
		Total	134	100	4,524	100	2,289	100	10,234	100									
b. Reviewed your notes after class	LSnotes	1	Never	3	2	263	6	137	6	572	6	3.0	2.8 **	.26	2.8 **	.26	2.8 **	.22	
		2	Sometimes	33	24	1,534	34	783	34	3,357	33								
		3	Often	56	41	1,557	34	773	34	3,514	34								
		4	Very often	43	32	1,169	26	594	26	2,776	27								
		Total	135	100	4,523	100	2,287	100	10,219	100									
c. Summarized what you learned in class or from course materials	LSummary	1	Never	6	5	393	9	187	8	811	8	2.9	2.7 **	.27	2.7 **	.25	2.7 **	.24	
		2	Sometimes	35	27	1,554	35	797	35	3,447	34								
		3	Often	53	40	1,592	35	791	35	3,677	36								
		4	Very often	38	29	948	21	497	22	2,217	22								
		Total	132	100	4,487	100	2,272	100	10,152	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	2	1	19	0	9	0	51	0	5.3	5.6 **	-.22	5.6 *	-.20	5.6 *	-.21	
		2		1	1	52	1	30	1	131	1								
		3		7	5	164	4	90	4	339	3								
		4		14	10	392	9	202	9	935	9								
		5		45	33	1,310	29	655	29	3,000	29								
		6		50	37	1,575	35	806	35	3,516	34								
		7	Very much	17	13	1,021	23	500	22	2,290	22								
		Total	136	100	4,533	100	2,292	100	10,262	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering			Frequency Distributions ^a								Statistical Comparisons ^k								
			NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013		
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
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		19	14	319	7	154	7	954	9	11%	7%	.13	8%	.12	8%	.09
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do		9	7	118	3	72	3	372	4								
	Plan to do		93	68	3,766	83	1,890	83	8,079	79									
	Done or in progress		15	11	326	7	173	8	849	8									
	Total		136	100	4,529	100	2,289	100	10,254	100									
b. Hold a formal leadership role in a student organization or group	leader		Have not decided		31	23	1,266	28	611	27	2,961	29	21%	11% ***	.26	11% **	.25	11% ***	.26
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do		21	16	993	22	524	23	2,435	24								
	Plan to do		55	41	1,745	39	887	39	3,681	36									
	Done or in progress		28	21	510	11	262	11	1,144	11									
	Total		135	100	4,514	100	2,284	100	10,221	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		34	25	1,208	27	551	24	3,139	31	11%	23% **	-.32	26% ***	-.40	18% *	-.20
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do		37	27	1,373	30	678	30	3,081	30								
	Plan to do		50	37	892	20	458	20	2,129	21									
	Done or in progress		15	11	1,038	23	597	26	1,857	18									
	Total		136	100	4,511	100	2,284	100	10,206	100									
d. Participate in a study abroad program	abroad		Have not decided		39	29	1,380	31	686	30	3,173	31	5%	3%	.12	3%	.08	3%	.13
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do		42	31	1,553	34	781	34	3,643	36								
	Plan to do		48	35	1,454	32	737	32	3,118	31									
	Done or in progress		7	5	127	3	79	3	280	3									
	Total		136	100	4,514	100	2,283	100	10,214	100									
e. Work with a faculty member on a research project	research		Have not decided		35	26	1,755	39	844	37	4,044	40	7%	6%	.04	7%	.00	6%	.04
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do		28	21	594	13	292	13	1,458	14								
	Plan to do		64	47	1,880	42	982	43	4,097	40									
	Done or in progress		9	7	259	6	152	7	579	6									
	Total		136	100	4,488	100	2,270	100	10,178	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided		31	23	1,133	25	581	26	2,561	25	5%	2% **	.19	2% *	.17	2% *	.17
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do		9	7	267	6	136	6	653	6								
	Plan to do		88	65	3,013	67	1,507	66	6,748	66									
	Done or in progress		7	5	83	2	47	2	219	2									
	Total		135	100	4,496	100	2,271	100	10,181	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
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	
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	68	51	2,645	59	1,363	60	5,443	54	1.6	1.5 *	.20	1.5 *	.22	1.5	.07	
		2	Some	56	42	1,620	36	787	35	4,075	40								
		3	Most	8	6	187	4	97	4	547	5								
		4	All	2	1	25	1	12	1	87	1								
		Total		134	100	4,477	100	2,259	100	10,152	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	4	3	52	1	20	1	137	1	5.5	5.7	-.13	5.6	-.08	5.7	-.14	
		2		3	2	79	2	49	2	178	2								
		3		4	3	161	4	88	4	367	4								
		4		13	10	363	8	203	9	860	8								
		5		30	22	1,045	23	560	24	2,230	22								
		6		50	37	1,485	33	740	32	3,291	32								
		7	Excellent	32	24	1,340	30	628	27	3,162	31								
		—	Not applicable	0	0	14	0	5	0	48	0								
		Total		136	100	4,539	100	2,293	100	10,273	100								
b. Academic advisors	QIadvisor	1	Poor	5	4	186	4	91	4	377	4	5.0	5.0	-.01	5.1	-.05	5.1	-.07	
		2		7	5	245	5	122	5	512	5								
		3		13	10	400	9	184	8	836	8								
		4		18	13	678	15	319	14	1,423	14								
		5		31	23	879	19	444	19	1,947	19								
		6		35	26	1,042	23	547	24	2,373	23								
		7	Excellent	26	19	1,021	23	538	23	2,550	25								
		—	Not applicable	1	1	81	2	47	2	232	2								
		Total		136	100	4,532	100	2,292	100	10,250	100								
c. Faculty	QIfaculty	1	Poor	3	2	94	2	45	2	190	2	5.1	5.1	-.01	5.1	-.01	5.3	-.11	
		2		5	4	154	3	78	3	299	3								
		3		12	9	325	7	151	7	637	6								
		4		17	13	663	15	347	15	1,346	13								
		5		39	29	1,238	27	636	28	2,636	26								
		6		36	26	1,248	28	621	27	2,989	29								
		7	Excellent	24	18	742	16	375	16	2,041	20								
		—	Not applicable	0	0	47	1	24	1	78	1								
		Total		136	100	4,511	100	2,277	100	10,216	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public		NSSE 2013	
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.)	QIstaff	1	Poor	8	6	163	4	77	3	371	4	5.0	5.0	-.05	5.0	-.04	5.1	-.08
		2		5	4	172	4	90	4	380	4							
		3		9	7	339	7	171	7	707	7							
		4		18	14	591	13	308	13	1,327	13							
		5		29	22	1,008	22	514	22	2,194	21							
		6		35	26	1,061	23	525	23	2,396	23							
		7	Excellent	22	17	771	17	376	16	1,906	19							
		—	Not applicable	7	5	420	9	224	10	958	9							
	Total			133	100	4,525	100	2,285	100	10,239	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	8	6	196	4	102	4	413	4	4.7	4.9	-.08	4.9	-.08	5.0	-.16
		2		11	8	227	5	109	5	478	5							
		3		15	11	385	9	177	8	782	8							
		4		16	12	687	15	358	16	1,453	14							
		5		27	20	965	21	485	21	2,200	21							
		6		31	23	961	21	480	21	2,233	22							
		7	Excellent	22	17	680	15	339	15	1,867	18							
		—	Not applicable	3	2	419	9	240	10	808	8							
	Total			133	100	4,520	100	2,290	100	10,234	100							
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	1	1	50	1	23	1	125	1	3.2	3.3	-.13	3.3	-.12	3.3	-.12
		2	Some	22	16	578	13	297	13	1,293	13							
		3	Quite a bit	63	47	1,919	43	988	44	4,492	44							
		4	Very much	49	36	1,951	43	961	42	4,288	42							
			Total			135	100	4,498	100	2,269	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	4	3	125	3	72	3	288	3	3.1	3.2	-.11	3.2	-.11	3.2	-.13
		2	Some	22	16	746	17	352	16	1,633	16							
		3	Quite a bit	69	51	1,892	42	975	43	4,226	42							
		4	Very much	40	30	1,717	38	862	38	3,995	39							
			Total			135	100	4,480	100	2,261	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	3	189	4	101	4	454	4	3.1	3.2	-.09	3.2	-.08	3.2	-.07
		2	Some	23	17	656	15	318	14	1,557	15							
		3	Quite a bit	59	44	1,705	38	890	39	3,770	37							
		4	Very much	48	36	1,925	43	956	42	4,359	43							
			Total			134	100	4,475	100	2,265	100							

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
				Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	6	4	562	13	258	11	1,257	12	2.9	2.6 **	.25	2.7 **	.21	2.7 **	.22
		2	Some	40	30	1,486	33	745	33	3,272	32							
		3	Quite a bit	53	39	1,432	32	729	32	3,254	32							
		4	Very much	36	27	1,004	22	534	24	2,375	23							
		Total	135	100	4,484	100	2,266	100	10,158	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	3	2	232	5	114	5	586	6	3.0	3.0	.05	3.0	.01	3.0	.06
		2	Some	31	23	995	22	460	20	2,255	22							
		3	Quite a bit	59	44	1,824	41	948	42	4,052	40							
		4	Very much	42	31	1,436	32	746	33	3,276	32							
		Total	135	100	4,487	100	2,268	100	10,169	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	3	232	5	116	5	624	6	3.1	3.0	.12	3.0	.08	3.0	.16
		2	Some	24	18	908	20	418	19	2,174	21							
		3	Quite a bit	59	44	1,877	42	968	43	4,119	41							
		4	Very much	48	36	1,456	33	756	33	3,228	32							
		Total	135	100	4,473	100	2,258	100	10,145	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	21	16	915	20	438	19	2,037	20	2.5	2.3 **	.24	2.3 *	.21	2.4 *	.20
		2	Some	46	34	1,764	39	895	40	3,850	38							
		3	Quite a bit	42	31	1,259	28	633	28	2,910	29							
		4	Very much	26	19	536	12	294	13	1,339	13							
		Total	135	100	4,474	100	2,260	100	10,136	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	6	4	302	7	144	6	846	8	3.0	2.9	.11	2.9	.07	2.9 *	.16
		2	Some	26	19	1,106	25	521	23	2,538	25							
		3	Quite a bit	64	47	1,765	40	901	40	3,903	39							
		4	Very much	39	29	1,295	29	688	31	2,837	28							
		Total	135	100	4,468	100	2,254	100	10,124	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	8	660	15	316	14	1,496	15	2.7	2.5 **	.24	2.5 *	.22	2.5 *	.20
		2	Some	44	34	1,652	37	817	36	3,535	35							
		3	Quite a bit	49	38	1,456	33	762	34	3,335	33							
		4	Very much	27	21	697	16	359	16	1,750	17							
		Total	130	100	4,465	100	2,254	100	10,116	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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 <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	1	21	0	10	0	46	0	13.6	17.0 ***	-.39	17.0 ***	-.39	16.5 ***	-.33
		3	1-5 hrs	16	12	360	8	186	8	946	9							
		8	6-10 hrs	39	29	787	17	387	17	1,899	19							
		13	11-15 hrs	29	21	957	21	490	22	2,146	21							
		18	16-20 hrs	24	18	904	20	449	20	1,998	20							
		23	21-25 hrs	18	13	659	15	342	15	1,427	14							
		28	26-30 hrs	6	4	374	8	188	8	774	8							
		33	More than 30 hrs	3	2	450	10	227	10	981	10							
		Total	136	100	4,512	100	2,279	100	10,217	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	34	25	1,297	29	717	32	3,130	31	6.2	5.2	.15	5.0	.19	5.3	.13
		3	1-5 hrs	47	35	1,676	37	823	36	3,625	36							
		8	6-10 hrs	26	19	811	18	376	17	1,711	17							
		13	11-15 hrs	14	10	390	9	203	9	853	8							
		18	16-20 hrs	6	4	173	4	75	3	457	5							
		23	21-25 hrs	4	3	65	1	36	2	194	2							
		28	26-30 hrs	1	1	38	1	18	1	79	1							
		33	More than 30 hrs	2	1	37	1	15	1	101	1							
		Total	134	100	4,487	100	2,263	100	10,150	100								
c. Working for pay on campus	tmworkonhrs <i>(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	97	71	3,732	83	1,904	84	8,087	79	3.4	2.0 *	.25	2.0 *	.25	2.3 *	.20
		3	1-5 hrs	9	7	134	3	56	2	461	5							
		8	6-10 hrs	8	6	226	5	96	4	691	7							
		13	11-15 hrs	12	9	206	5	123	5	461	5							
		18	16-20 hrs	5	4	141	3	61	3	357	4							
		23	21-25 hrs	4	3	32	1	15	1	78	1							
		28	26-30 hrs	1	1	14	0	9	0	26	0							
		33	More than 30 hrs	0	0	19	0	10	0	37	0							
		Total	136	100	4,504	100	2,274	100	10,198	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
				Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	95	70	3,554	79	1,789	79	7,882	78	4.3	2.9	.20	3.0	.18	3.6	.09	
		3	1-5 hrs	12	9	213	5	118	5	435	4								
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	6	4	174	4	73	3	381	4								
		13	11-15 hrs	5	4	181	4	79	3	367	4								
		18	16-20 hrs	6	4	135	3	80	4	339	3								
		23	21-25 hrs	6	4	98	2	53	2	224	2								
		28	26-30 hrs	1	1	42	1	21	1	121	1								
		33	More than 30 hrs	5	4	81	2	46	2	381	4								
		Total	136	100	4,478	100	2,259	100	10,130	100									
e. Doing community service or volunteer work	tmervicehrs	0	0 hrs	80	59	2,769	62	1,384	62	6,272	62	2.4	1.9	.14	1.9	.13	1.9	.12	
		3	1-5 hrs	41	30	1,331	30	677	30	2,967	29								
	(Recoded version of tmervice created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	8	6	185	4	89	4	451	4								
		13	11-15 hrs	1	1	95	2	55	2	200	2								
		18	16-20 hrs	2	1	41	1	22	1	104	1								
		23	21-25 hrs	4	3	17	0	7	0	42	0								
		28	26-30 hrs	0	0	10	0	6	0	26	0								
		33	More than 30 hrs	0	0	8	0	3	0	23	0								
		Total	136	100	4,456	100	2,243	100	10,085	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	4	50	1	27	1	162	2	11.3	13.2 *	-.22	12.9 *	-.18	13.1 *	-.20	
		3	1-5 hrs	27	20	766	17	407	18	1,824	18								
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	44	33	1,231	27	633	28	2,727	27								
		13	11-15 hrs	27	20	973	22	492	22	2,148	21								
		18	16-20 hrs	13	10	649	14	325	14	1,392	14								
		23	21-25 hrs	9	7	316	7	141	6	756	7								
		28	26-30 hrs	5	4	173	4	79	4	360	4								
		33	More than 30 hrs	5	4	320	7	153	7	761	8								
		Total	135	100	4,478	100	2,257	100	10,130	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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	96	71	3,745	84	1,877	83	8,196	81	2.9	1.5 *	.28	1.6 *	.27	2.1	.13
		3	1-5 hrs	18	13	361	8	185	8	861	9							
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	9	7	129	3	64	3	330	3							
		13	11-15 hrs	3	2	98	2	57	3	246	2							
		18	16-20 hrs	4	3	44	1	25	1	141	1							
		23	21-25 hrs	4	3	20	0	9	0	69	1							
		28	26-30 hrs	0	0	12	0	7	0	48	0							
		33	More than 30 hrs	2	1	54	1	25	1	218	2							
		Total	136	100	4,463	100	2,249	100	10,109	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	48	35	1,673	37	793	35	4,288	42	4.6	3.5	.24	3.7	.17	3.3 *	.28
		3	1-5 hrs	57	42	1,933	43	983	43	3,993	39							
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	14	10	589	13	304	13	1,211	12							
		13	11-15 hrs	7	5	181	4	117	5	387	4							
		18	16-20 hrs	3	2	63	1	39	2	148	1							
		23	21-25 hrs	2	1	29	1	17	1	65	1							
		28	26-30 hrs	3	2	7	0	3	0	26	0							
		33	More than 30 hrs	2	1	22	0	11	0	50	0							
		Total	136	100	4,497	100	2,267	100	10,168	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											7.7	4.8 **	.31	4.9 **	.29	5.8	.19
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																		
	tmreadhrs	0	0 hrs	5	4	355	8	164	7	670	7	5.8	5.2	.13	5.4	.08	5.4	.08
		3	1-5 hrs	82	61	2,779	62	1,380	61	6,195	61							
	(Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	29	22	886	20	458	20	2,185	21							
		13	11-15 hrs	10	7	291	6	163	7	699	7							
		18	16-20 hrs	5	4	122	3	65	3	273	3							
		23	21-25 hrs	2	1	47	1	28	1	112	1							
		28	26-30 hrs	0	0	15	0	11	0	39	0							
		33	More than 30 hrs	1	1	16	0	8	0	48	0							
		Total	134	100	4,511	100	2,277	100	10,221	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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
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	12	9	690	15	324	14	1,262	12	2.7	2.5 *	.22	2.6 *	.19	2.6	.09
		2	Some	43	32	1,547	34	768	34	3,163	31							
		3	Quite a bit	50	37	1,550	34	802	35	3,750	37							
		4	Very much	30	22	735	16	390	17	2,060	20							
		Total	135	100	4,522	100	2,284	100	10,235	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	16	12	868	19	421	19	1,690	17	2.7	2.4 ***	.30	2.4 **	.27	2.5 *	.18
		2	Some	41	31	1,644	37	819	36	3,508	34							
		3	Quite a bit	50	37	1,413	31	728	32	3,382	33							
		4	Very much	27	20	579	13	307	13	1,620	16							
		Total	134	100	4,504	100	2,275	100	10,200	100								
c. Thinking critically and analytically	pgthink	1	Very little	1	1	180	4	90	4	388	4	3.2	3.1	.08	3.1	.09	3.1	.06
		2	Some	23	17	852	19	449	20	1,846	18							
		3	Quite a bit	63	47	1,823	40	915	40	4,146	41							
		4	Very much	47	35	1,658	37	828	36	3,826	37							
		Total	134	100	4,513	100	2,282	100	10,206	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	2	242	5	140	6	617	6	3.1	3.0	.03	3.0	.06	3.0	.06
		2	Some	28	21	977	22	480	21	2,276	22							
		3	Quite a bit	63	48	1,724	38	891	39	3,862	38							
		4	Very much	39	30	1,572	35	770	34	3,459	34							
		Total	132	100	4,515	100	2,281	100	10,214	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	9	7	528	12	279	12	1,138	11	2.9	2.7	.15	2.7	.16	2.7	.12
		2	Some	41	30	1,339	30	672	29	2,968	29							
		3	Quite a bit	46	34	1,582	35	796	35	3,590	35							
		4	Very much	39	29	1,069	24	537	24	2,526	25							
		Total	135	100	4,518	100	2,284	100	10,222	100								
f. Working effectively with others	pgothers	1	Very little	7	5	318	7	159	7	720	7	2.8	2.8	-.06	2.8	-.06	2.9	-.09
		2	Some	44	33	1,255	28	646	28	2,730	27							
		3	Quite a bit	55	41	1,817	40	902	40	4,037	40							
		4	Very much	28	21	1,120	25	570	25	2,713	27							
		Total	134	100	4,510	100	2,277	100	10,200	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students in Engineering

First-Year Students in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	17	13	812	18	406	18	1,650	16	2.7	2.5 *	.19	2.5	.17	2.6	.10
		2	Some	38	29	1,421	31	708	31	3,055	30							
		3	Quite a bit	46	35	1,478	33	744	33	3,304	32							
		4	Very much	31	23	802	18	422	19	2,197	22							
		Total	132	100	4,513	100	2,280	100	10,206	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	13	10	779	17	362	16	1,633	16	2.8	2.5 ***	.33	2.5 **	.28	2.5 **	.27
		2	Some	35	26	1,549	34	773	34	3,451	34							
		3	Quite a bit	53	39	1,404	31	728	32	3,130	31							
		4	Very much	34	25	778	17	419	18	1,997	20							
		Total	135	100	4,510	100	2,282	100	10,211	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	6	4	523	12	274	12	1,143	11	2.9	2.7 **	.23	2.7 **	.23	2.7 **	.21
		2	Some	36	27	1,360	30	677	30	3,078	30							
		3	Quite a bit	56	42	1,617	36	816	36	3,573	35							
		4	Very much	36	27	1,014	22	516	23	2,419	24							
		Total	134	100	4,514	100	2,283	100	10,213	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	10	7	758	17	350	15	1,639	16	2.6	2.4 *	.22	2.5	.17	2.5	.16
		2	Some	53	40	1,659	37	833	37	3,635	36							
		3	Quite a bit	47	35	1,451	32	750	33	3,240	32							
		4	Very much	24	18	629	14	339	15	1,666	16							
		Total	134	100	4,497	100	2,272	100	10,180	100								
18. How would you evaluate your entire educational experience at this institution?																		
evalexp		1	Poor	2	1	76	2	40	2	164	2	3.2	3.3	-.08	3.3	-.09	3.3	-.10
		2	Fair	15	11	431	10	221	10	1,008	10							
		3	Good	70	51	2,189	48	1,082	47	4,727	46							
		4	Excellent	49	36	1,830	40	944	41	4,347	42							
		Total	136	100	4,526	100	2,287	100	10,246	100								
19. If you could start over again, would you go to the same <i>institution</i> you are now attending?																		
sameinst		1	Definitely no	3	2	118	3	61	3	298	3	3.2	3.3 *	-.19	3.3 *	-.18	3.3	-.15
		2	Probably no	15	11	380	8	198	9	984	10							
		3	Probably yes	69	51	1,848	41	929	41	4,077	40							
		4	Definitely yes	49	36	2,185	48	1,101	48	4,893	48							
		Total	136	100	4,531	100	2,289	100	10,252	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research				NSSE 2013		NSSEville State		Public Research		NSSE 2013		
						Univ	Large Public		Univ					Large Public	Effect size ⁿ			Effect size ⁿ
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	4	3	323	5	163	5	507	4	3.1	2.8 ***	.33	2.8 ***	.33	2.9 *	.19
		2	Sometimes	38	27	2,535	36	1,208	36	4,534	32							
		3	Often	42	29	2,303	33	1,087	33	4,633	33							
		4	Very often	59	41	1,795	26	871	26	4,524	32							
		Total	143	100	6,956	100	3,329	100	14,198	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	32	22	1,788	26	825	25	3,544	25	2.3	2.2	.07	2.3	.03	2.3	.04
		2	Sometimes	51	36	2,626	38	1,217	37	5,326	38							
		3	Often	45	31	1,646	24	820	25	3,353	24							
		4	Very often	15	10	867	13	450	14	1,922	14							
		Total	143	100	6,927	100	3,312	100	14,145	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	6	4	422	6	219	7	855	6	3.0	2.9	.16	2.9 *	.19	3.0	.12
		2	Often	21	15	1,140	16	573	17	2,202	16							
		3	Sometimes	76	53	3,883	56	1,849	56	7,821	55							
		4	Never	40	28	1,475	21	672	20	3,236	23							
		Total	143	100	6,920	100	3,313	100	14,114	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	59	42	3,528	51	1,682	51	6,927	49	1.8	1.7 *	.21	1.7 *	.21	1.7	.16
		2	Sometimes	55	39	2,502	36	1,205	36	5,193	37							
		3	Often	22	15	621	9	296	9	1,395	10							
		4	Very often	6	4	259	4	123	4	601	4							
		Total	142	100	6,910	100	3,306	100	14,116	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	14	10	461	7	235	7	1,327	9	2.5	2.8 ***	-.29	2.8 **	-.26	2.7 *	-.15
		2	Sometimes	57	40	2,343	34	1,158	35	5,236	37							
		3	Often	55	38	2,382	34	1,092	33	4,458	31							
		4	Very often	17	12	1,745	25	837	25	3,132	22							
		Total	143	100	6,931	100	3,322	100	14,153	100								
f. Explained course material to one or more students	CLexplain	1	Never	4	3	134	2	62	2	429	3	2.9	3.0	-.16	3.0 *	-.17	2.9	-.08
		2	Sometimes	45	32	1,818	26	858	26	4,118	29							
		3	Often	59	42	2,899	42	1,392	42	5,602	40							
		4	Very often	34	24	2,072	30	1,001	30	3,992	28							
		Total	142	100	6,923	100	3,313	100	14,141	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public		NSSE 2013	
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	26	18	743	11	363	11	2,071	15	2.4	2.8 ***	-.38	2.8 ***	-.37	2.7 **	-.23
		2	Sometimes	52	36	1,943	28	938	28	4,279	30							
		3	Often	40	28	2,018	29	954	29	3,925	28							
		4	Very often	25	17	2,235	32	1,062	32	3,891	27							
		Total	143	100	6,939	100	3,317	100	14,166	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	5	4	186	3	78	2	581	4	3.0	3.2 ***	-.35	3.3 ***	-.37	3.2 **	-.24
		2	Sometimes	42	30	1,193	17	584	18	2,751	19							
		3	Often	50	35	2,322	34	1,075	32	4,604	33							
		4	Very often	45	32	3,228	47	1,585	48	6,208	44							
		Total	142	100	6,929	100	3,322	100	14,144	100								
i. Gave a course presentation	present	1	Never	20	14	984	14	461	14	2,120	15	2.5	2.5	.02	2.5	.01	2.5	.00
		2	Sometimes	54	38	2,685	39	1,287	39	5,234	37							
		3	Often	43	30	2,023	29	973	29	4,114	29							
		4	Very often	26	18	1,244	18	601	18	2,690	19							
		Total	143	100	6,936	100	3,322	100	14,158	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	6	4	182	3	77	2	411	3	3.0	3.0	.02	3.0	.00	3.0	.06
		2	Sometimes	31	21	1,789	26	844	25	3,819	27							
		3	Often	63	43	2,842	41	1,366	41	5,739	41							
		4	Very often	45	31	2,126	31	1,033	31	4,192	30							
		Total	145	100	6,939	100	3,320	100	14,161	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	25	17	1,055	15	506	15	1,973	14	2.3	2.4	-.09	2.4	-.10	2.4	-.14
		2	Sometimes	68	47	3,147	46	1,473	45	6,315	45							
		3	Often	37	26	1,927	28	942	28	4,008	28							
		4	Very often	14	10	782	11	386	12	1,802	13							
		Total	144	100	6,911	100	3,307	100	14,098	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	51	35	2,400	35	1,159	35	4,135	29	2.0	1.9	.07	1.9	.08	2.0	-.07
		2	Sometimes	53	37	3,043	44	1,435	43	6,296	45							
		3	Often	33	23	1,094	16	541	16	2,616	19							
		4	Very often	8	6	385	6	178	5	1,068	8							
		Total	145	100	6,922	100	3,313	100	14,115	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
				Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	15	10	747	11	379	11	1,330	9	2.6	2.5	.04	2.5	.03	2.6	-.03	
		2	Sometimes	56	39	2,827	41	1,305	39	5,474	39								
		3	Often	51	35	2,337	34	1,137	34	5,073	36								
		4	Very often	22	15	1,005	15	495	15	2,224	16								
		Total	144	100	6,916	100	3,316	100	14,101	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	8	6	612	9	291	9	1,125	8	2.6	2.6	.00	2.6	-.02	2.7	-.05	
		2	Sometimes	57	39	2,583	37	1,211	37	5,017	36								
		3	Often	61	42	2,493	36	1,187	36	5,265	37								
		4	Very often	19	13	1,215	18	613	19	2,674	19								
		Total	145	100	6,903	100	3,302	100	14,081	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	6	4	283	4	129	4	557	4	2.7	2.7	-.06	2.8	-.09	2.8	-.09	
		2	Sometimes	59	41	2,480	36	1,164	35	4,923	35								
		3	Often	53	37	2,842	41	1,353	41	5,833	41								
		4	Very often	27	19	1,290	19	655	20	2,767	20								
		Total	145	100	6,895	100	3,301	100	14,080	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	3	2	134	2	50	2	257	2	3.0	3.1	-.01	3.1	-.05	3.1	-.05	
		2	Sometimes	36	25	1,512	22	702	21	2,884	21								
		3	Often	55	38	3,078	45	1,450	44	6,296	45								
		4	Very often	49	34	2,154	31	1,088	33	4,613	33								
		Total	143	100	6,878	100	3,290	100	14,050	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	24	17	1,599	23	788	24	3,202	23	2.4	2.2 *	.17	2.2 *	.19	2.2	.15	
		2	Sometimes	62	43	3,033	44	1,469	44	6,123	43								
		3	Often	38	26	1,460	21	664	20	3,059	22								
		4	Very often	20	14	806	12	384	12	1,700	12								
		Total	144	100	6,898	100	3,305	100	14,084	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	61	42	3,038	44	1,484	45	6,430	46	1.9	1.9	-.03	1.9	-.03	1.9	.01	
		2	Sometimes	48	33	1,982	29	906	28	4,039	29								
		3	Often	22	15	1,079	16	527	16	2,074	15								
		4	Very often	13	9	780	11	376	11	1,493	11								
		Total	144	100	6,879	100	3,293	100	14,036	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	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	32	23	1,581	23	815	25	3,441	24	2.3	2.2	.06	2.2	.09	2.2	.07	
		2	Sometimes	56	39	3,068	45	1,437	44	6,066	43								
		3	Often	40	28	1,542	22	716	22	3,075	22								
		4	Very often	14	10	699	10	334	10	1,480	11								
		Total	142	100	6,890	100	3,302	100	14,062	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	40	28	1,997	29	1,002	30	3,986	28	2.1	2.0	.10	2.0	.12	2.0	.08	
		2	Sometimes	61	42	3,224	47	1,510	46	6,613	47								
		3	Often	31	22	1,192	17	558	17	2,410	17								
		4	Very often	12	8	469	7	228	7	1,037	7								
		Total	144	100	6,882	100	3,298	100	14,046	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	16	11	844	12	408	12	1,751	12	2.7	2.5	.16	2.5	.14	2.5 *	.18	
		2	Some	50	35	2,745	40	1,291	39	5,624	40								
		3	Quite a bit	44	31	2,265	33	1,064	32	4,651	33								
		4	Very much	33	23	1,056	15	550	17	2,081	15								
		Total	143	100	6,910	100	3,313	100	14,107	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	1	152	2	76	2	335	2	3.3	3.3	-.04	3.4	-.07	3.3	.03	
		2	Some	20	14	796	12	357	11	1,785	13								
		3	Quite a bit	55	39	2,522	37	1,155	35	5,473	39								
		4	Very much	66	46	3,422	50	1,718	52	6,475	46								
		Total	142	100	6,892	100	3,306	100	14,068	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	4	334	5	166	5	638	5	3.0	3.1	-.09	3.1	-.11	3.1	-.08	
		2	Some	34	24	1,320	19	613	19	2,740	20								
		3	Quite a bit	54	38	2,554	37	1,175	36	5,377	38								
		4	Very much	49	34	2,650	39	1,342	41	5,264	38								
		Total	143	100	6,858	100	3,296	100	14,019	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	13	9	1,077	16	535	16	1,876	13	2.6	2.5	.11	2.5	.10	2.6	.03	
		2	Some	56	39	2,563	37	1,182	36	4,975	35								
		3	Quite a bit	50	35	2,071	30	987	30	4,579	33								
		4	Very much	24	17	1,174	17	598	18	2,634	19								
		Total	143	100	6,885	100	3,302	100	14,064	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	5	4	550	8	256	8	974	7	2.9	2.8	.06	2.8	.02	2.8	.03
		2	Some	44	31	1,973	29	917	28	3,990	28							
		3	Quite a bit	60	42	2,670	39	1,248	38	5,569	40							
		4	Very much	33	23	1,681	24	875	27	3,510	25							
		Total	142	100	6,874	100	3,296	100	14,043	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	4	3	220	3	118	4	425	3	3.2	3.0 *	.21	3.0 *	.20	3.1	.15
		2	Some	28	19	1,443	21	665	20	2,721	19							
		3	Quite a bit	51	35	3,278	47	1,576	47	6,601	47							
		4	Very much	62	43	1,987	29	962	29	4,415	31							
		Total	145	100	6,928	100	3,321	100	14,162	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	7	5	238	3	127	4	457	3	3.0	3.0	.01	3.0	.05	3.1	-.03
		2	Some	31	21	1,366	20	700	21	2,611	18							
		3	Quite a bit	58	40	3,362	49	1,575	47	6,797	48							
		4	Very much	49	34	1,952	28	916	28	4,273	30							
		Total	145	100	6,918	100	3,318	100	14,138	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	6	4	244	4	132	4	508	4	3.1	3.1	.03	3.1	.06	3.1	.02
		2	Some	26	18	1,327	19	677	20	2,650	19							
		3	Quite a bit	58	40	2,908	42	1,337	40	5,906	42							
		4	Very much	55	38	2,428	35	1,164	35	5,056	36							
		Total	145	100	6,907	100	3,310	100	14,120	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	17	12	1,268	18	649	20	2,265	16	2.7	2.4 ***	.30	2.4 ***	.32	2.5 *	.20
		2	Some	45	31	2,575	37	1,224	37	5,005	35							
		3	Quite a bit	48	33	2,012	29	933	28	4,331	31							
		4	Very much	35	24	1,044	15	500	15	2,506	18							
		Total	145	100	6,899	100	3,306	100	14,107	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	9	6	690	10	363	11	1,259	9	2.8	2.7 *	.20	2.6 **	.23	2.7	.13
		2	Some	41	28	2,195	32	1,064	32	4,263	30							
		3	Quite a bit	58	40	2,710	39	1,268	38	5,587	40							
		4	Very much	37	26	1,295	19	604	18	2,977	21							
		Total	145	100	6,890	100	3,299	100	14,086	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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	6	4	254	4	108	3	674	5	3.1	3.2	-.08	3.2	-.12	3.1	.02
		2	Sometimes	30	21	1,284	19	597	18	3,016	21							
		3	Often	54	37	2,495	36	1,177	35	5,132	36							
		4	Very often	55	38	2,898	42	1,442	43	5,347	38							
		Total	145	100	6,931	100	3,324	100	14,169	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	28	19	1,198	17	569	17	2,486	18	2.5	2.6	-.06	2.6	-.08	2.6	-.01
		2	Sometimes	44	31	2,109	30	987	30	4,555	32							
		3	Often	37	26	1,821	26	858	26	3,750	27							
		4	Very often	35	24	1,787	26	901	27	3,356	24							
		Total	144	100	6,915	100	3,315	100	14,147	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	20	14	772	11	358	11	1,771	13	2.5	2.7	-.14	2.7 *	-.17	2.6	-.07
		2	Sometimes	55	38	2,315	34	1,078	33	4,999	35							
		3	Often	43	30	2,263	33	1,090	33	4,468	32							
		4	Very often	27	19	1,559	23	786	24	2,899	21							
		Total	145	100	6,909	100	3,312	100	14,137	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	11	8	705	11	365	11	1,309	10	6.2	6.1	.02	6.2	.00	6.5	-.04
		1.5	1-2	34	25	1,680	25	766	24	3,300	24							
		4	3-5	41	30	1,848	28	877	27	3,789	28							
		8	6-10	23	17	1,232	18	579	18	2,534	18							
		13	11-15	16	12	568	8	266	8	1,215	9							
		18	16-20	6	4	287	4	140	4	655	5							
		23	More than 20	6	4	381	6	198	6	908	7							
		Total	137	100	6,701	100	3,191	100	13,710	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	40	30	1,924	29	944	30	3,805	28	3.5	3.3	.04	3.4	.02	3.3	.04
		1.5	1-2	39	29	2,154	33	979	31	4,628	34							
		4	3-5	25	19	1,360	21	640	20	2,772	21							
		8	6-10	17	13	683	10	337	11	1,332	10							
		13	11-15	10	8	239	4	117	4	509	4							
		18	16-20	2	2	98	1	50	2	198	1							
		23	More than 20	0	0	109	2	59	2	230	2							
		Total	133	100	6,567	100	3,126	100	13,474	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research				NSSE 2013		NSSEville State		Public Research				
						Univ		Large Public						Univ		Large Public		NSSE 2013
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	55	42	2,646	40	1,276	41	5,743	43	2.5	2.7	-.03	2.9	-.07	2.4	.02
		1.5	1-2	41	31	2,168	33	972	31	4,443	33							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	17	13	875	13	425	14	1,642	12							
		8	6-10	11	8	462	7	238	8	780	6							
		13	11-15	5	4	216	3	119	4	382	3							
		18	16-20	3	2	79	1	42	1	167	1							
		23	More than 20	0	0	124	2	72	2	231	2							
		Total			132	100	6,570	100	3,144	100	13,388							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing)									81	82	.00	85	-.03	79	.02
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	8	6	431	6	194	6	954	7	3.0	3.0	-.01	3.1	-.06	3.0	.02
		2	Sometimes	39	27	1,717	25	762	23	3,590	25							
		3	Often	38	26	1,927	28	899	27	3,876	27							
		4	Very often	60	41	2,861	41	1,464	44	5,734	41							
		Total		145	100	6,936	100	3,319	100	14,154	100							
b. People from an economic background other than your own	DDeconomic	1	Never	9	6	375	5	176	5	806	6	3.0	3.1	-.01	3.1	-.03	3.0	.01
		2	Sometimes	36	25	1,541	22	728	22	3,238	23							
		3	Often	39	27	2,338	34	1,071	32	4,687	33							
		4	Very often	61	42	2,666	39	1,338	40	5,398	38							
		Total		145	100	6,920	100	3,313	100	14,129	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	7	5	418	6	200	6	1,097	8	3.2	3.1	.15	3.1	.11	3.0 **	.22
		2	Sometimes	29	20	1,534	22	702	21	3,430	24							
		3	Often	37	26	2,148	31	995	30	4,150	29							
		4	Very often	72	50	2,811	41	1,410	43	5,429	38							
		Total		145	100	6,911	100	3,307	100	14,106	100							
d. People with political views other than your own	DDpolitical	1	Never	12	8	388	6	192	6	875	6	3.1	3.1	.07	3.1	.05	3.0	.12
		2	Sometimes	23	16	1,546	22	711	22	3,416	24							
		3	Often	45	31	2,237	32	1,033	31	4,469	32							
		4	Very often	65	45	2,715	39	1,359	41	5,297	38							
		Total		145	100	6,886	100	3,295	100	14,057	100							

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	1	1	360	5	166	5	609	4	3.1	2.9	.13	3.0	.09	3.0	.08	
		2	Sometimes	32	22	1,721	25	799	24	3,385	24								
		3	Often	70	48	2,776	40	1,301	39	5,723	40								
		4	Very often	42	29	2,061	30	1,044	32	4,418	31								
		Total	145	100	6,918	100	3,310	100	14,135	100									
b. Reviewed your notes after class	LSnotes	1	Never	9	6	592	9	281	8	1,254	9	2.8	2.8	.08	2.8	.05	2.8	.09	
		2	Sometimes	47	32	2,307	33	1,068	32	4,708	33								
		3	Often	48	33	2,165	31	1,038	31	4,431	31								
		4	Very often	41	28	1,846	27	928	28	3,722	26								
		Total	145	100	6,910	100	3,315	100	14,115	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	16	11	714	10	327	10	1,430	10	2.8	2.7	.16	2.7	.12	2.7	.14	
		2	Sometimes	37	26	2,440	36	1,119	34	4,853	35								
		3	Often	50	35	2,198	32	1,051	32	4,625	33								
		4	Very often	41	28	1,502	22	778	24	3,100	22								
		Total	144	100	6,854	100	3,275	100	14,008	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	64	1	30	1	121	1	5.6	5.6	-.01	5.6	-.02	5.6	-.02	
		2		4	3	107	2	56	2	250	2								
		3		3	2	234	3	105	3	481	3								
		4		9	6	585	8	285	9	1,199	8								
		5		48	33	1,844	27	865	26	3,640	26								
		6		46	32	2,271	33	1,071	32	4,713	33								
		7	Very much	34	24	1,824	26	908	27	3,754	27								
		Total	144	100	6,929	100	3,320	100	14,158	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a						Statistical Comparisons ^k					
				NSSEville State		Public Research Univ		Large Public		NSSE 2013	NSSEville State	Public Research Univ		Large Public	NSSE 2013
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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 (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	Have not decided	11	8	286	4	135	4	788	55%	58%	-.06	58%	-.05
			Do not plan to do	24	17	802	12	345	10	2,071					
			Plan to do	30	21	1,812	26	929	28	3,597					
			Done or in progress	80	55	4,033	58	1,912	58	7,713					
			Total	145	100	6,933	100	3,321	100	14,169					
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	Have not decided	11	8	610	9	296	9	1,333	43%	43%	-.01	41%	.03
			Do not plan to do	61	42	2,714	39	1,337	40	6,026					
			Plan to do	11	8	598	9	313	9	1,078					
			Done or in progress	62	43	3,006	43	1,371	41	5,703					
			Total	145	100	6,928	100	3,317	100	14,140					
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	Have not decided	15	10	697	10	335	10	1,566	23%	28%	-.10	30%	-.15
			Do not plan to do	86	59	3,795	55	1,732	52	8,011					
			Plan to do	10	7	500	7	254	8	1,011					
			Done or in progress	34	23	1,933	28	991	30	3,550					
			Total	145	100	6,925	100	3,312	100	14,138					
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	Have not decided	15	10	672	10	330	10	1,448	12%	10%	.07	10%	.06
			Do not plan to do	101	71	5,122	74	2,394	72	10,524					
			Plan to do	10	7	450	7	255	8	849					
			Done or in progress	17	12	664	10	327	10	1,292					
			Total	143	100	6,908	100	3,306	100	14,113					
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	Have not decided	19	13	1,056	15	498	15	2,218	32%	29%	.05	30%	.05
			Do not plan to do	58	40	2,577	37	1,199	36	5,642					
			Plan to do	22	15	1,225	18	625	19	2,312					
			Done or in progress	46	32	2,025	29	974	30	3,900					
			Total	145	100	6,883	100	3,296	100	14,072					
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	Have not decided	5	3	313	5	172	5	808	62%	53% *	.18	50% **	.25
			Do not plan to do	19	13	501	7	224	7	1,487					
			Plan to do	30	21	2,403	35	1,257	38	4,510					
			Done or in progress	89	62	3,697	53	1,657	50	7,318					
			Total	143	100	6,914	100	3,310	100	14,123					

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Item wording or description	Variable name ⁱ	Values ^m	Response options																
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	76	52	4,075	59	2,005	61	7,901	1.5	1.5	.14	1.4	.15	1.5	.07		
		2	Some	62	43	2,574	37	1,175	36	5,603									
		3	Most	6	4	215	3	102	3	515									
		4	All	1	1	38	1	26	1	101									
		Total		145	100	6,902	100	3,308	100	14,120									
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	56	1	27	1	137	5.9	5.8	.05	5.8	.04	5.8	.08		
		2		2	1	72	1	24	1	161									
		3		5	3	178	3	77	2	447									
		4		5	3	501	7	261	8	1,061									
		5		34	24	1,379	20	646	19	2,841									
		6		45	31	2,406	35	1,148	35	4,721									
		7	Excellent	52	36	2,314	33	1,124	34	4,713									
		—	Not applicable	1	1	41	1	19	1	109									
		Total		144	100	6,947	100	3,326	100	14,190									
b. Academic advisors	QIadvisor	1	Poor	4	3	411	6	191	6	740	5.3	5.0 *	.19	5.1	.14	5.1	.11		
		2		8	6	423	6	179	5	801									
		3		11	8	568	8	240	7	1,059									
		4		16	11	959	14	469	14	1,819									
		5		27	19	1,337	19	618	19	2,584									
		6		34	23	1,508	22	753	23	3,084									
		7	Excellent	44	30	1,668	24	837	25	3,898									
		—	Not applicable	1	1	53	1	28	1	173									
		Total		145	100	6,927	100	3,315	100	14,158									
c. Faculty	QIfaculty	1	Poor	0	0	168	2	93	3	293	5.7	5.2 ***	.35	5.2 ***	.36	5.4 **	.23		
		2		4	3	226	3	114	3	393									
		3		6	4	401	6	175	5	705									
		4		15	10	979	14	474	14	1,696									
		5		29	20	1,847	27	881	27	3,431									
		6		41	28	2,043	30	980	30	4,346									
		7	Excellent	49	34	1,218	18	578	17	3,169									
		—	Not applicable	0	0	30	0	17	1	84									
		Total		144	100	6,912	100	3,312	100	14,117									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	7	5	338	5	177	5	750	5	5.0	4.8	.12	4.7	.15	4.8	.10
		2		6	4	370	5	175	5	711	5							
		3		9	6	539	8	263	8	1,063	8							
		4		16	11	1,045	15	469	14	2,000	14							
		5		33	23	1,463	21	699	21	2,767	20							
		6		28	19	1,318	19	587	18	2,590	18							
		7	Excellent	25	17	966	14	436	13	2,162	15							
		—	Not applicable	20	14	877	13	503	15	2,095	15							
	Total	144	100	6,916	100	3,309	100	14,138	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	8	6	390	6	194	6	791	6	4.9	4.7	.11	4.7	.12	4.8	.03
		2		9	6	440	6	204	6	825	6							
		3		16	11	635	9	298	9	1,189	8							
		4		18	12	1,169	17	555	17	2,215	16							
		5		29	20	1,563	23	747	23	3,093	22							
		6		35	24	1,410	20	634	19	2,923	21							
		7	Excellent	27	19	918	13	438	13	2,349	17							
		—	Not applicable	3	2	397	6	241	7	762	5							
	Total	145	100	6,922	100	3,311	100	14,147	100									
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	2	1	117	2	61	2	263	2	3.2	3.3	-.12	3.3	-.10	3.3	-.09
		2	Some	24	17	887	13	435	13	1,840	13							
		3	Quite a bit	60	42	2,730	40	1,321	40	5,792	41							
		4	Very much	57	40	3,162	46	1,477	45	6,193	44							
		Total	143	100	6,896	100	3,294	100	14,088	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	4	370	5	194	6	746	5	2.9	2.9	-.02	2.9	.01	2.9	-.04
		2	Some	32	22	1,706	25	822	25	3,374	24							
		3	Quite a bit	76	53	2,986	43	1,449	44	6,030	43							
		4	Very much	29	20	1,819	26	824	25	3,883	28							
		Total	143	100	6,881	100	3,289	100	14,033	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	16	11	679	10	352	11	1,343	10	2.7	2.8	-.07	2.7	-.03	2.8	-.11
		2	Some	37	26	1,934	28	952	29	3,803	27							
		3	Quite a bit	65	45	2,629	38	1,231	38	5,304	38							
		4	Very much	25	17	1,613	24	742	23	3,563	25							
		Total	143	100	6,855	100	3,277	100	14,013	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research		Large Public		NSSE 2013		NSSEville State	Public Research		Large Public	NSSE 2013		
				Univ		Univ		Univ		Univ		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	23	16	1,410	21	658	20	2,836	20	2.5	2.4	.12	2.4	.08	2.4	.09
		2	Some	48	33	2,455	36	1,102	34	4,883	35							
		3	Quite a bit	50	35	1,898	28	959	29	3,945	28							
		4	Very much	23	16	1,092	16	558	17	2,365	17							
		Total	144	100	6,855	100	3,277	100	14,029	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	10	7	573	8	259	8	1,390	10	2.7	2.8	-.11	2.8	-.15	2.7	-.05
		2	Some	51	36	1,908	28	854	26	4,022	29							
		3	Quite a bit	54	38	2,751	40	1,358	41	5,346	38							
		4	Very much	28	20	1,637	24	817	25	3,282	23							
		Total	143	100	6,869	100	3,288	100	14,040	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	20	14	693	10	343	10	1,737	12	2.6	2.8	-.16	2.8 *	-.18	2.7	-.08
		2	Some	43	30	1,846	27	839	26	3,951	28							
		3	Quite a bit	52	36	2,624	38	1,238	38	5,104	36							
		4	Very much	29	20	1,698	25	862	26	3,223	23							
		Total	144	100	6,861	100	3,282	100	14,015	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	61	43	2,449	36	1,179	36	4,919	35	1.9	2.0	-.14	2.0	-.15	2.0 *	-.18
		2	Some	48	34	2,601	38	1,211	37	5,155	37							
		3	Quite a bit	26	18	1,273	19	605	18	2,699	19							
		4	Very much	7	5	528	8	283	9	1,240	9							
		Total	142	100	6,851	100	3,278	100	14,013	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	25	17	815	12	370	11	2,146	15	2.5	2.7 *	-.17	2.7 **	-.23	2.6	-.08
		2	Some	43	30	2,057	30	920	28	4,185	30							
		3	Quite a bit	53	37	2,501	37	1,186	36	4,876	35							
		4	Very much	23	16	1,468	21	799	24	2,774	20							
		Total	144	100	6,841	100	3,275	100	13,981	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	40	28	1,407	21	657	20	3,189	23	2.1	2.3 *	-.18	2.3 *	-.21	2.3	-.15
		2	Some	60	42	2,733	40	1,279	39	5,359	38							
		3	Quite a bit	29	20	1,904	28	906	28	3,746	27							
		4	Very much	15	10	779	11	418	13	1,662	12							
		Total	144	100	6,823	100	3,260	100	13,956	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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 																	

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k						
				Public Research								Public Research						
				NSSEville State		Univ		Large Public		NSSE 2013		NSSEville State		Univ		Large Public		NSSE 2013
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	77	54	3,984	58	1,867	57	7,788	56	10.9	8.0 *	.25	8.4 *	.21	9.2	.13
		3	1-5 hrs	4	3	301	4	138	4	597	4							
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	7	5	373	5	182	6	735	5							
		13	11-15 hrs	4	3	391	6	179	5	710	5							
		18	16-20 hrs	10	7	565	8	287	9	1,040	7							
		23	21-25 hrs	3	2	346	5	184	6	668	5							
		28	26-30 hrs	9	6	220	3	111	3	441	3							
		33	More than 30 hrs	28	20	651	10	327	10	1,990	14							
		Total	142	100	6,831	100	3,275	100	13,969	100								
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	84	58	4,233	62	2,024	62	8,545	61	2.6	1.9	.15	1.9	.16	2.0	.13
		3	1-5 hrs	51	35	2,056	30	988	30	4,202	30							
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	1	1	288	4	139	4	646	5							
		13	11-15 hrs	3	2	103	2	55	2	230	2							
		18	16-20 hrs	1	1	60	1	28	1	146	1							
		23	21-25 hrs	1	1	35	1	17	1	65	0							
		28	26-30 hrs	0	0	18	0	8	0	38	0							
		33	More than 30 hrs	4	3	30	0	10	0	72	1							
		Total	145	100	6,823	100	3,269	100	13,944	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	3	160	2	83	3	389	3	10.7	11.7	-.12	11.3	-.07	11.5	-.10
		3	1-5 hrs	39	27	1,538	22	798	24	3,332	24							
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	39	27	2,031	30	976	30	4,065	29							
		13	11-15 hrs	34	23	1,243	18	599	18	2,454	18							
		18	16-20 hrs	11	8	885	13	397	12	1,755	13							
		23	21-25 hrs	7	5	430	6	189	6	821	6							
		28	26-30 hrs	1	1	177	3	72	2	352	3							
		33	More than 30 hrs	9	6	377	6	165	5	800	6							
		Total	145	100	6,841	100	3,279	100	13,968	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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 (Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	92	65	5,164	76	2,444	75	9,903	71	5.8	3.4 *	.29	3.5 *	.27	4.5	.14
		3	1-5 hrs	18	13	589	9	280	9	1,268	9							
		8	6-10 hrs	6	4	278	4	147	5	653	5							
		13	11-15 hrs	2	1	188	3	101	3	425	3							
		18	16-20 hrs	1	1	139	2	67	2	369	3							
		23	21-25 hrs	2	1	86	1	41	1	196	1							
		28	26-30 hrs	6	4	43	1	24	1	129	1							
		33	More than 30 hrs	14	10	333	5	161	5	1,008	7							
	Total	141	100	6,820	100	3,265	100	13,951	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs (Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	44	31	694	10	265	8	2,573	18	4.0	4.8 *	-.17	5.2 **	-.25	4.4	-.07
		3	1-5 hrs	69	48	4,278	62	1,965	60	8,028	57							
		8	6-10 hrs	18	13	1,308	19	714	22	2,366	17							
		13	11-15 hrs	7	5	366	5	227	7	650	5							
		18	16-20 hrs	2	1	122	2	72	2	219	2							
		23	21-25 hrs	0	0	42	1	22	1	82	1							
		28	26-30 hrs	0	0	19	0	8	0	36	0							
		33	More than 30 hrs	3	2	40	1	18	1	84	1							
	Total	143	100	6,869	100	3,291	100	14,038	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										16.0	12.0 **	.32	12.1 **	.31	13.3 *	.21	
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																		
	tmreadhrs (Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	16	11	966	14	461	14	1,665	12	5.8	4.9	.16	5.1	.13	5.2	.11
		3	1-5 hrs	82	57	4,006	58	1,883	57	8,074	57							
		8	6-10 hrs	24	17	1,224	18	622	19	2,784	20							
		13	11-15 hrs	12	8	384	6	179	5	884	6							
		18	16-20 hrs	7	5	178	3	90	3	400	3							
		23	21-25 hrs	1	1	62	1	28	1	151	1							
		28	26-30 hrs	1	1	34	0	20	1	64	0							
		33	More than 30 hrs	2	1	52	1	29	1	100	1							
	Total	145	100	6,906	100	3,312	100	14,122	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

Seniors in Engineering				Frequency Distributions ^a								Statistical Comparisons ^k							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
				Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean
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	17	12	805	12	354	11	1,473	10	2.8	2.7	.12	2.7	.07	2.8	.05	
		2	Some	34	24	2,083	30	962	29	4,007	28								
		3	Quite a bit	54	38	2,485	36	1,219	37	5,143	36								
		4	Very much	39	27	1,536	22	779	24	3,501	25								
		Total	144	100	6,909	100	3,314	100	14,124	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	18	12	844	12	377	11	1,676	12	2.7	2.7	.04	2.7	.01	2.7	.02	
		2	Some	44	30	2,097	30	982	30	4,187	30								
		3	Quite a bit	45	31	2,449	36	1,191	36	4,991	35								
		4	Very much	38	26	1,505	22	758	23	3,236	23								
		Total	145	100	6,895	100	3,308	100	14,090	100									
c. Thinking critically and analytically	pgthink	1	Very little	3	2	203	3	99	3	402	3	3.3	3.4	-.04	3.4	-.06	3.3	-.01	
		2	Some	20	14	779	11	372	11	1,671	12								
		3	Quite a bit	47	32	2,154	31	998	30	4,669	33								
		4	Very much	75	52	3,757	55	1,835	56	7,348	52								
		Total	145	100	6,893	100	3,304	100	14,090	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	8	6	204	3	102	3	524	4	3.2	3.4 *	-.23	3.4 **	-.23	3.3	-.11	
		2	Some	22	15	761	11	360	11	1,934	14								
		3	Quite a bit	45	31	2,021	29	967	29	4,364	31								
		4	Very much	69	48	3,907	57	1,882	57	7,263	52								
		Total	144	100	6,893	100	3,311	100	14,085	100									
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	11	8	505	7	270	8	995	7	3.1	3.0	.05	3.0	.07	3.0	.03	
		2	Some	29	20	1,440	21	676	20	2,860	20								
		3	Quite a bit	43	30	2,328	34	1,116	34	4,744	34								
		4	Very much	62	43	2,629	38	1,250	38	5,504	39								
		Total	145	100	6,902	100	3,312	100	14,103	100									
f. Working effectively with others	pgothers	1	Very little	4	3	373	5	172	5	770	5	2.9	3.0	-.11	3.1	-.12	3.0	-.09	
		2	Some	48	33	1,414	20	665	20	3,002	21								
		3	Quite a bit	45	31	2,694	39	1,290	39	5,411	38								
		4	Very much	48	33	2,417	35	1,183	36	4,908	35								
		Total	145	100	6,898	100	3,310	100	14,091	100									

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors in Engineering

				Frequency Distributions ^a								Statistical Comparisons ^k						
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ		Large Public	NSSE 2013		
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. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	29	20	1,303	19	639	19	2,458	17	2.5	2.5	-.06	2.5	-.06	2.6	-.12
		2	Some	51	35	2,181	32	1,050	32	4,280	30							
		3	Quite a bit	35	24	1,994	29	902	27	4,120	29							
		4	Very much	30	21	1,418	21	720	22	3,239	23							
		Total	145	100	6,896	100	3,311	100	14,097	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	33	23	1,387	20	606	18	2,803	20	2.4	2.4	.00	2.5	-.06	2.4	-.02
		2	Some	47	33	2,455	36	1,162	35	4,935	35							
		3	Quite a bit	35	24	1,825	26	888	27	3,754	27							
		4	Very much	29	20	1,226	18	647	20	2,603	18							
		Total	144	100	6,893	100	3,303	100	14,095	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	14	10	540	8	264	8	1,192	8	2.8	3.0	-.14	3.0	-.16	2.9	-.10
		2	Some	37	26	1,516	22	712	22	3,233	23							
		3	Quite a bit	51	35	2,356	34	1,084	33	4,809	34							
		4	Very much	43	30	2,484	36	1,246	38	4,866	35							
		Total	145	100	6,896	100	3,306	100	14,100	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	36	25	1,539	22	707	21	3,086	22	2.3	2.3	-.05	2.4	-.09	2.4	-.08
		2	Some	53	37	2,564	37	1,199	36	5,070	36							
		3	Quite a bit	34	24	1,773	26	866	26	3,681	26							
		4	Very much	21	15	998	15	526	16	2,214	16							
		Total	144	100	6,874	100	3,298	100	14,051	100								
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	3	2	239	3	133	4	452	3	3.3	3.2	.14	3.2	.15	3.2	.10
		2	Fair	15	10	853	12	404	12	1,686	12							
		3	Good	63	44	3,228	47	1,531	46	6,404	45							
		4	Excellent	63	44	2,602	38	1,247	38	5,597	40							
		Total	144	100	6,922	100	3,315	100	14,139	100								
19. If you could start over again, would you go to the same <i>institution</i> you are now attending?																		
	sameinst	1	Definitely no	8	6	321	5	164	5	703	5	3.2	3.2	-.05	3.2	-.05	3.2	-.02
		2	Probably no	15	10	823	12	380	11	1,771	13							
		3	Probably yes	64	44	2,751	40	1,318	40	5,614	40							
		4	Definitely yes	58	40	3,038	44	1,458	44	6,071	43							
		Total	145	100	6,933	100	3,320	100	14,159	100								

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

				First-Year Students ^a								Seniors ^a							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name	Response options		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20. What is your class level?	class	Freshman/First-year		120	88	4,070	90	2,033	88	8,969	87	0	0	25	0	10	0	45	0
		Sophomore		15	11	408	9	221	10	1,052	10	2	1	153	2	91	3	241	2
		Junior		0	0	39	1	27	1	136	1	5	3	1,112	16	643	19	1,930	14
		Senior		1	1	12	0	8	0	52	1	136	94	5,542	80	2,537	76	11,729	82
		Unclassified		0	0	16	0	10	0	82	1	2	1	135	2	57	2	279	2
		Total		136	100	4,545	100	2,299	100	10,291	100	145	100	6,967	100	3,338	100	14,224	100
21. Thinking about this current academic term, are you a full-time student?	fulltime	No		7	5	118	3	78	3	388	4	33	23	1,068	15	555	17	2,390	17
		Yes		129	95	4,422	97	2,218	97	9,886	96	112	77	5,889	85	2,776	83	11,808	83
		Total		136	100	4,540	100	2,296	100	10,274	100	145	100	6,957	100	3,331	100	14,198	100
22a. How many courses are you taking for credit this current academic term?	coursenum	0		1	1	11	0	8	0	43	0	3	2	181	3	114	3	415	3
		1		1	1	12	0	11	0	90	1	7	5	162	2	94	3	586	4
		2		2	1	35	1	19	1	213	2	16	11	331	5	178	5	952	7
		3		1	1	220	5	162	7	443	4	13	9	595	9	337	10	1,310	9
		4		44	32	1,294	28	689	30	2,695	26	39	27	2,073	30	1,035	31	3,873	27
		5		42	31	1,751	38	808	35	3,935	38	34	23	2,161	31	943	28	4,016	28
		6		15	11	796	17	389	17	1,717	17	22	15	902	13	372	11	1,826	13
		7 or more		30	22	434	10	217	9	1,168	11	11	8	562	8	260	8	1,242	9
		Total		136	100	4,553	100	2,303	100	10,304	100	145	100	6,967	100	3,333	100	14,220	100
b. Of these, how many are entirely online ?	onlinenum	0		115	85	4,129	91	2,050	90	9,237	90	87	61	5,914	87	2,770	86	11,172	81
		1		13	10	325	7	189	8	631	6	27	19	617	9	321	10	1,504	11
		2		2	1	44	1	31	1	198	2	14	10	133	2	65	2	545	4
		3		1	1	11	0	7	0	50	0	7	5	72	1	35	1	236	2
		4		1	1	8	0	4	0	39	0	3	2	36	1	21	1	142	1
		5		2	1	3	0	0	0	18	0	2	1	10	0	8	0	61	0
		6		0	0	1	0	1	0	15	0	1	1	12	0	5	0	59	0
		7 or more		1	1	4	0	3	0	38	0	1	1	5	0	3	0	110	1
		Total		135	100	4,525	100	2,285	100	10,226	100	142	100	6,799	100	3,228	100	13,829	100
Student taking all courses online	allonline (Based on responses to coursenum and onlinenum.)	No		132	97	4,516	100	2,282	100	10,004	97	131	90	6,814	98	3,257	98	13,160	93
		Yes		4	3	19	0	10	0	261	3	14	10	136	2	68	2	1,030	7
		Total		136	100	4,535	100	2,292	100	10,265	100	145	100	6,950	100	3,325	100	14,190	100

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

			First-Year Students ^a								Seniors ^a							
			NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	122	90	4,142	91	2,108	91	9,271	90	128	88	6,341	91	3,052	91	12,945	91
		More than one	14	10	415	9	197	9	1,045	10	17	12	634	9	287	9	1,297	9
		Total	136	100	4,557	100	2,305	100	10,316	100	145	100	6,975	100	3,339	100	14,242	100
First major or expected first major, in NSSE's default major field categories. (This 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Physical Sci., Mathematics, & Computer Science	16	12	523	11	256	11	1,822	18	15	10	710	10	330	10	2,184	15
		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	108	79	3,949	87	1,990	86	7,871	76	100	69	6,045	87	2,862	86	10,337	73
		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	12	9	85	2	59	3	623	6	30	21	221	3	148	4	1,722	12
		Undecided/undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	136	100	4,557	100	2,305	100	10,316	100	145	100	6,976	100	3,340	100	14,243	100
Second major or expected second major, in NSSE's default major field categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	1	7	79	19	30	16	135	13	1	6	85	13	33	12	135	10
		Biological Sci., Agriculture, & Natural Resources	1	7	12	3	8	4	29	3	0	0	40	6	17	6	58	4
		Physical Sci., Mathematics, & Computer Science	2	14	99	24	47	24	281	27	3	18	191	30	95	33	372	29
		Social Sciences	0	0	28	7	11	6	59	6	0	0	34	5	22	8	64	5
		Business	1	7	32	8	20	10	102	10	2	12	53	8	29	10	154	12
		Communications, Media, & Public Relations	0	0	1	0	1	1	8	1	1	6	4	1	2	1	15	1
		Education	0	0	3	1	1	1	9	1	2	12	4	1	2	1	8	1
		Engineering	7	50	132	32	64	33	312	30	6	35	186	29	70	24	365	28
		Health professions	0	0	8	2	4	2	15	1	1	6	4	1	2	1	8	1
		Social service professions	0	0	2	0	0	0	10	1	0	0	2	0	1	0	17	1
		All other	1	7	8	2	2	1	56	5	1	6	20	3	11	4	82	6
		Undecided, undeclared	1	7	7	2	5	3	23	2	0	0	9	1	2	1	15	1
		Total	14	100	411	100	193	100	1,039	100	17	100	632	100	286	100	1,293	100

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

			First-Year Students ^a								Seniors ^a							
			NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
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	5	4	88	2	42	2	179	2	1	1	34	0	15	0	55	0
		C	3	2	145	3	61	3	317	3	4	3	189	3	84	3	365	3
		C+	10	7	232	5	104	5	483	5	5	3	408	6	165	5	714	5
		B-	15	11	306	7	154	7	681	7	5	3	686	10	324	10	1,264	9
		B	29	21	852	19	394	17	1,908	19	25	17	1,562	22	725	22	3,045	21
		B+	24	18	777	17	422	18	1,813	18	29	20	1,256	18	645	19	2,590	18
		A-	26	19	827	18	443	19	1,918	19	23	16	1,199	17	600	18	2,494	18
		A	24	18	1,323	29	680	30	2,996	29	53	37	1,632	23	776	23	3,694	26
		Total	136	100	4,550	100	2,300	100	10,295	100	145	100	6,966	100	3,334	100	14,221	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	125	94	4,234	93	2,112	92	9,354	91	74	51	4,236	61	1,949	59	8,416	59
		Started elsewhere	8	6	307	7	182	8	925	9	70	49	2,723	39	1,382	41	5,793	41
		Total	133	100	4,541	100	2,294	100	10,279	100	144	100	6,959	100	3,331	100	14,209	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	9	7	119	3	53	2	434	4	17	12	440	6	196	6	1,297	9
	attend_com	Community or junior college	8	6	351	8	195	9	826	8	66	46	2,625	38	1,366	41	5,168	37
	attend_col	4-year college or university other than this one	16	12	280	6	150	7	777	8	34	24	1,574	23	756	23	3,466	25
	attend_none	None	105	77	3,748	83	1,862	82	8,205	80	55	38	3,199	46	1,450	44	6,397	45
	attend_other	Other	3	2	161	4	81	4	428	4	5	3	252	4	116	4	599	4
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's	9	7	131	3	72	3	335	3	3	2	194	3	102	3	434	3
		Bachelor's degree	60	44	1,525	34	735	32	3,409	33	47	33	2,475	36	1,181	36	5,057	36
		Master's degree	53	39	2,054	45	1,079	47	4,736	46	69	48	3,155	45	1,492	45	6,481	46
		Doctoral or professional degree	14	10	824	18	406	18	1,781	17	25	17	1,114	16	548	16	2,196	15
		Total	136	100	4,534	100	2,292	100	10,261	100	144	100	6,938	100	3,323	100	14,168	100

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

Engineering			First-Year Students ^a								Seniors ^a								
			NSSEville State		Public Research		Large Public		NSSE 2013		NSSEville State		Public Research		Large Public		NSSE 2013		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	4	3	137	3	85	4	386	4	6	4	220	3	122	4	593	4	
		High school diploma or G.E.D.	30	22	536	12	261	11	1,389	14	27	19	964	14	472	14	2,273	16	
		Attended college, but did not complete degree	9	7	386	9	182	8	968	9	18	12	588	8	297	9	1,309	9	
		Associate's degree (A.A., A.S., etc.)	7	5	374	8	186	8	897	9	18	12	649	9	281	8	1,364	10	
		Bachelor's degree (B.A., B.S., etc.)	46	34	1,559	34	771	34	3,312	32	35	24	2,381	34	1,150	35	4,575	32	
		Master's degree (M.A., M.S., etc.)	25	19	1,141	25	589	26	2,453	24	27	19	1,556	22	733	22	2,929	21	
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	14	10	401	9	218	10	858	8	14	10	590	8	273	8	1,149	8	
		Total	135	100	4,534	100	2,292	100	10,263	100	145	100	6,948	100	3,328	100	14,192	100	
	First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	No	85	63	3,101	68	1,578	69	6,623	65	76	52	4,527	65	2,156	65	8,653	61
			Yes	50	37	1,433	32	714	31	3,640	35	69	48	2,421	35	1,172	35	5,539	39
			Total	135	100	4,534	100	2,292	100	10,263	100	145	100	6,948	100	3,328	100	14,192	100
29. What is your gender?	gender	Female	35	26	1,243	27	641	28	2,571	25	28	19	1,648	24	763	23	3,253	23	
		Male	101	74	3,288	73	1,647	72	7,680	75	117	81	5,288	76	2,549	77	10,913	77	
		Total	136	100	4,531	100	2,288	100	10,251	100	145	100	6,936	100	3,312	100	14,166	100	
30. Age Category	agecat (Recoded from birthyear.)	19 or younger	105	79	4,108	91	2,054	90	8,779	86	0	0	72	1	51	2	102	1	
		20-23	22	17	273	6	158	7	790	8	82	57	4,744	69	2,156	65	8,826	62	
		24-29	5	4	87	2	46	2	307	3	26	18	1,256	18	666	20	2,605	18	
		30-39	0	0	35	1	13	1	223	2	19	13	591	9	305	9	1,494	11	
		40-55	1	1	26	1	13	1	139	1	17	12	232	3	110	3	1,002	7	
		Over 55	0	0	0	0	0	0	15	0	0	0	17	0	9	0	102	1	
		Total	133	100	4,529	100	2,284	100	10,253	100	144	100	6,912	100	3,297	100	14,131	100	
31. Are you an international student or foreign national?	internat	No	100	74	4,072	90	2,018	88	9,196	90	128	88	6,335	92	3,028	92	12,954	92	
		Yes	36	26	443	10	263	12	1,011	10	17	12	563	8	271	8	1,132	8	
		Total	136	100	4,515	100	2,281	100	10,207	100	145	100	6,898	100	3,299	100	14,086	100	

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

			First-Year Students ^a								Seniors ^a							
			NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	3	2	88	2	43	2	193	2	6	4	99	1	45	1	215	2
	re_asian	Asian	24	18	556	12	340	15	1,162	11	17	12	663	10	306	9	1,233	9
	re_black	Black or African American	22	16	275	6	133	6	853	8	8	6	297	4	160	5	826	6
	re_latino	Hispanic or Latino	8	6	371	8	194	8	1,005	10	7	5	523	8	286	9	1,202	8
	re_pacific	Native Hawaiian/Other Pac. Islander	2	1	33	1	16	1	86	1	1	1	41	1	23	1	94	1
	re_white	White	61	45	3,252	72	1,588	69	7,026	68	106	73	5,200	75	2,428	73	10,351	73
	re_other	Other	11	8	133	3	72	3	310	3	2	1	160	2	89	3	341	2
	re_pnr	I prefer not to respond	12	9	200	4	110	5	486	5	10	7	371	5	195	6	793	6
Racial or ethnic identification	re_all	American Indian or Alaska Native	1	1	17	0	9	0	37	0	2	1	22	0	7	0	58	0
	(Recoded from re_amind through re_pnr where each student is represented only once.)	Asian	23	17	460	10	284	12	933	9	15	10	565	8	261	8	1,015	7
		Black or African American	20	15	209	5	98	4	701	7	7	5	243	3	132	4	699	5
		Hispanic or Latino	5	4	259	6	128	6	734	7	3	2	383	6	208	6	899	6
		Native Hawaiian/Other Pac. Islander	1	1	10	0	4	0	24	0	0	0	12	0	7	0	28	0
		White	58	43	2,982	66	1,438	63	6,421	63	95	66	4,883	70	2,271	68	9,710	68
		Other	10	7	83	2	43	2	200	2	2	1	104	1	55	2	233	2
		Multiracial	5	4	320	7	182	8	735	7	11	8	360	5	184	6	751	5
		I prefer not to respond	12	9	200	4	110	5	486	5	10	7	371	5	195	6	793	6
		Total	135	100	4,540	100	2,296	100	10,271	100	145	100	6,943	100	3,320	100	14,186	100
33. Are you a member of a social fraternity or sorority?	greek	No	115	86	4,028	89	2,091	91	9,348	91	120	83	6,153	89	2,987	90	12,752	90
		Yes	19	14	502	11	201	9	901	9	25	17	784	11	330	10	1,420	10
		Total	134	100	4,530	100	2,292	100	10,249	100	145	100	6,937	100	3,317	100	14,172	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)	71	53	3,026	67	1,499	65	6,600	64	34	23	708	10	313	9	1,987	14
		Fraternity or sorority house	6	4	106	2	41	2	158	2	6	4	226	3	80	2	370	3
		Residence, within walking dist.	22	16	388	9	200	9	874	9	30	21	2,149	31	1,038	31	4,042	29
		Residence, farther than walking dist.	27	20	929	20	512	22	2,314	23	69	48	3,699	53	1,817	55	7,225	51
		None of the above	9	7	87	2	43	2	318	3	6	4	155	2	71	2	551	4
		Total	135	100	4,536	100	2,295	100	10,264	100	145	100	6,937	100	3,319	100	14,175	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	126	94	4,360	96	2,219	97	9,503	93	141	98	6,729	97	3,265	99	13,590	96
		Yes	8	6	164	4	68	3	728	7	3	2	174	3	40	1	518	4
		Total	134	100	4,524	100	2,287	100	10,231	100	144	100	6,903	100	3,305	100	14,108	100

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

			First-Year Students ^a								Seniors ^a							
			NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	132	99	4,405	98	2,223	98	9,902	97	124	86	6,489	94	3,103	94	12,919	91
		Yes	2	1	101	2	55	2	316	3	20	14	419	6	204	6	1,203	9
		Total	134	100	4,506	100	2,278	100	10,218	100	144	100	6,908	100	3,307	100	14,122	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	124	92	4,120	91	2,082	91	9,164	89	120	83	6,268	90	3,016	91	12,526	88
		Yes	5	4	280	6	142	6	745	7	15	10	465	7	206	6	1,149	8
		I prefer not to respond	6	4	128	3	64	3	331	3	10	7	198	3	94	3	482	3
		Total	135	100	4,528	100	2,288	100	10,240	100	145	100	6,931	100	3,316	100	14,157	100
b. [If, yes] Which of the following have been diagnosed? (Select all that apply)	dis_sense	A sensory impairment	1	9	62	15	34	17	166	15	3	12	87	13	38	13	220	14
	dis_mobility	A mobility impairment	1	9	26	6	14	7	59	6	3	12	55	8	21	7	154	9
	dis_learning	A learning disability	3	27	150	37	76	37	374	35	6	24	259	39	113	38	528	32
	dis_mental	A mental health disorder	3	27	40	10	23	11	131	12	5	20	87	13	44	15	238	15
	dis_other	A disability not listed	0	0	51	13	25	12	154	14	4	16	81	12	33	11	278	17
Disability or impairment	disability_all	A sensory impairment	1	1	45	1	25	1	125	1	1	1	57	1	28	1	146	1
	(Recoded from disability and dis_sense through dis_other where each student is represented only once.)	A mobility impairment	0	0	13	0	6	0	33	0	1	1	28	0	10	0	87	1
		A learning disability	1	1	121	3	57	2	295	3	3	2	200	3	88	3	383	3
		A mental health disorder	0	0	18	0	9	0	68	1	3	2	46	1	22	1	124	1
		A disability not listed	0	0	37	1	18	1	106	1	2	1	54	1	23	1	191	1
		More than one disability	3	2	43	1	27	1	113	1	5	3	79	1	35	1	216	2
		No disability or impairment	124	92	4,120	91	2,082	91	9,164	90	120	83	6,268	90	3,016	91	12,526	88
		Prefer not to respond	6	4	128	3	64	3	331	3	10	7	198	3	94	3	482	3
		Total	135	100	4,525	100	2,288	100	10,235	100	145	100	6,930	100	3,316	100	14,155	100
38. Which of the following best describes your sexual orientation? (Optional question administered per institution request.)	sexorient	Heterosexual	31	94	1,337	88	954	88	3,121	87	41	87	1,924	89	1,384	89	4,104	89
		Gay	0	0	14	1	7	1	34	1	0	0	30	1	23	1	57	1
		Lesbian	0	0	5	0	5	0	16	0	0	0	9	0	3	0	17	0
		Bisexual	0	0	34	2	23	2	81	2	2	4	31	1	25	2	82	2
		Questioning or unsure	0	0	19	1	15	1	53	1	0	0	19	1	11	1	39	1
		I prefer not to respond	2	6	104	7	77	7	262	7	4	9	148	7	109	7	335	7
		Total	33	100	1,513	100	1,081	100	3,567	100	47	100	2,161	100	1,555	100	4,634	100

NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Engineering

NSSEville State University

Engineering

			First-Year Students ^a								Seniors ^a							
			NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
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: Gender	IRgender	Female	35	26	1,247	27	644	28	2,578	25	27	19	1,649	24	762	23	3,259	23
		Male	101	74	3,310	73	1,661	72	7,738	75	118	81	5,325	76	2,576	77	10,982	77
		Total	136	100	4,557	100	2,305	100	10,316	100	145	100	6,974	100	3,338	100	14,241	100
Institution-reported: Race	IRrace	American Indian or Alaska Native	1	1	11	0	7	0	37	0	3	2	38	1	19	1	81	1
		Asian	5	4	228	5	138	6	488	5	6	4	302	4	139	4	561	4
		Black or African American	19	14	217	5	98	4	610	7	8	6	251	4	138	4	643	5
		Hispanic or Latino	5	4	316	7	170	8	784	8	6	4	458	7	253	8	967	7
		Native Hawaiian/Other Pac. Islander	0	0	7	0	3	0	20	0	0	0	5	0	1	0	12	0
		White	65	48	3,028	69	1,514	68	6,100	65	107	74	4,991	74	2,405	74	9,348	71
		Other	0	0	6	0	5	0	26	0	0	0	7	0	7	0	32	0
		Foreign or nonresident alien	35	26	337	8	200	9	627	7	15	10	364	5	146	4	658	5
		Two or more races/ethnicities	2	1	120	3	55	2	270	3	0	0	61	1	18	1	159	1
		Unknown	4	3	105	2	42	2	359	4	0	0	275	4	120	4	701	5
		Total	136	100	4,375	100	2,232	100	9,321	100	145	100	6,752	100	3,246	100	13,162	100
Institution-reported: Class level	IRclass	Freshman/First-Year	136	100	4,557	100	2,305	100	10,316	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	145	100	6,976	100	3,340	100	14,243	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	136	100	4,557	100	2,305	100	10,316	100	145	100	6,976	100	3,340	100	14,243	100
Institution-reported: First-time first-year (FTFY)	IRftfy	No	24	18	452	10	223	10	1,418	14	145	100	6,913	99	3,277	98	13,988	98
		Yes	112	82	4,105	90	2,082	90	8,898	86	0	0	63	1	63	2	255	2
		Total	136	100	4,557	100	2,305	100	10,316	100	145	100	6,976	100	3,340	100	14,243	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	3	2	119	3	75	3	443	4	26	18	1,017	15	539	16	2,417	17
		Full-time	133	98	4,438	97	2,230	97	9,873	96	119	82	5,959	85	2,801	84	11,826	83
		Total	136	100	4,557	100	2,305	100	10,316	100	145	100	6,976	100	3,340	100	14,243	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. Effect size is the mean difference divided by the pooled standard deviation.
- 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. All results are unweighted. 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 which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective 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 . See page 2 for more details.
- o. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress."