
NSSEville State University

NSSE 2014 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. 3-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes adapted from the former Benchmarks of Effective Educational Practice. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

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

Overview of Engagement Indicators: Engineering NSSEville State University

Engagement Indicators: Overview

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

Use the following key:

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

Theme	Engagement Indicator	First-Year Students in Engineering			Seniors in Engineering		
		Your first-year students compared with Public Master's L	Your first-year students compared with Large Public	Your first-year students compared with NSSE 2013 & 2014	Your seniors compared with Public Master's L	Your seniors compared with Large Public	Your seniors compared with NSSE 2013 & 2014
Academic Challenge	Higher-Order Learning	--	--	--	--	--	--
	Reflective & Integrative Learning	--	--	--	--	△	--
	Learning Strategies	--	--	--	▽	--	--
	Quantitative Reasoning	--	--	--	△	--	--
Learning with Peers	Collaborative Learning	▲	△	△	△	△	△
	Discussions with Diverse Others	▲	△	△	--	--	--
Experiences with Faculty	Student-Faculty Interaction	▽	--	▽	--	--	--
	Effective Teaching Practices	--	--	--	△	▲	△
Campus Environment	Quality of Interactions	△	△	--	--	--	--
	Supportive Environment	--	--	--	△	△	△

NSSE 2014 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 = 168)	38.6	13.0	1.00	15	30	40	45	60				
Public Master's L	38.6	13.5	.27	20	30	40	50	60	2,701	.0		-.002
Large Public	38.6	13.4	.21	15	30	40	50	60	4,327	.0		.000
NSSE 2013 & 2014	38.9	13.2	.10	20	30	40	50	60	19,014	-.3		-.026
Reflective & Integrative Learning												
NSSEville State (N = 171)	33.4	11.7	.90	14	26	31	40	57				
Public Master's L	33.5	12.1	.24	14	26	34	40	57	2,786	-.1		-.006
Large Public	33.1	12.0	.18	14	26	31	40	54	4,422	.3		.029
NSSE 2013 & 2014	33.4	11.9	.09	14	26	33	40	54	19,420	.0		.003
Learning Strategies												
NSSEville State (N = 169)	36.8	13.2	1.02	13	27	33	47	60				
Public Master's L	37.3	13.8	.27	13	27	40	47	60	2,742	-.5		-.039
Large Public	36.8	13.9	.21	13	27	40	47	60	4,362	.0		-.001
NSSE 2013 & 2014	37.3	13.9	.10	13	27	40	47	60	19,151	-.5		-.037
Quantitative Reasoning												
NSSEville State (N = 171)	31.5	15.7	1.20	7	20	27	40	60				
Public Master's L	30.8	15.7	.31	7	20	27	40	60	2,777	.8		.048
Large Public	31.4	15.7	.24	7	20	33	40	60	4,413	.2		.010
NSSE 2013 & 2014	31.4	15.4	.11	7	20	33	40	60	19,354	.1		.008
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 165)	37.6	12.8	.99	20	30	35	50	60				
Public Master's L	33.0	13.6	.27	10	20	35	40	60	2,731	4.7	***	.345
Large Public	35.3	13.9	.22	15	25	35	45	60	4,358	2.3	*	.165
NSSE 2013 & 2014	35.4	14.1	.10	15	25	35	45	60	19,127	2.3	*	.162
Discussions with Diverse Others												
NSSEville State (N = 168)	44.6	14.7	1.13	20	35	45	60	60				
Public Master's L	39.4	16.3	.32	10	30	40	55	60	2,751	5.2	***	.319
Large Public	40.9	15.8	.24	15	30	40	55	60	4,384	3.7	**	.234
NSSE 2013 & 2014	41.2	15.8	.11	15	30	40	60	60	19,269	3.4	**	.213

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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 = 168)	16.5	12.3	.95	0	10	15	25	40				
Public Master's L	18.6	14.1	.28	0	10	15	25	45	197	-2.1	*	-.148
Large Public	18.3	14.0	.22	0	10	15	25	45	185	-1.8		-.129
NSSE 2013 & 2014	19.0	13.9	.10	0	10	15	25	45	171	-2.5	*	-.178
Effective Teaching Practices												
NSSEville State (N = 172)	38.5	10.8	.83	20	32	40	48	56				
Public Master's L	40.1	13.0	.25	20	32	40	52	60	205	-1.6		-.122
Large Public	38.4	12.9	.20	16	28	40	48	60	191	.1		.007
NSSE 2013 & 2014	39.4	12.6	.09	20	32	40	48	60	175	-.9		-.071
Campus Environment												
Quality of Interactions												
NSSEville State (N = 150)	43.8	10.8	.88	26	38	46	52	58				
Public Master's L	40.9	12.5	.25	18	34	42	50	60	174	2.9	**	.234
Large Public	41.3	12.1	.19	18	34	42	50	60	4,192	2.5	*	.212
NSSE 2013 & 2014	42.2	11.8	.09	20	36	44	50	60	18,530	1.6		.134
Supportive Environment												
NSSEville State (N = 172)	36.9	12.5	.95	18	29	38	45	60				
Public Master's L	35.6	14.0	.27	13	25	35	45	60	200	1.3		.093
Large Public	36.7	13.3	.21	15	28	38	45	60	4,386	.2		.017
NSSE 2013 & 2014	37.2	13.2	.10	15	28	38	48	60	19,292	-.2		-.016

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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 = 207)	39.5	12.2	.85	20	30	40	50	60				
Public Master's L	39.2	14.2	.24	15	30	40	50	60	239	.3		.018
Large Public	38.9	13.6	.18	15	30	40	50	60	224	.6		.041
NSSE 2013 & 2014	39.0	13.7	.09	15	30	40	50	60	210	.5		.033
Reflective & Integrative Learning												
NSSEville State (N = 210)	34.0	10.8	.75	17	26	34	40	54				
Public Master's L	33.2	12.5	.20	14	26	31	40	54	241	.8		.063
Large Public	32.2	12.1	.15	14	23	31	40	54	6,347	1.8	*	.149
NSSE 2013 & 2014	33.1	12.1	.08	14	26	31	40	54	24,845	.9		.074
Learning Strategies												
NSSEville State (N = 207)	34.8	14.2	.98	13	27	33	47	60				
Public Master's L	37.1	15.1	.25	13	27	40	47	60	3,850	-2.2	*	-.147
Large Public	35.6	15.0	.19	13	27	33	47	60	6,263	-.7		-.048
NSSE 2013 & 2014	36.0	15.0	.10	13	27	33	47	60	24,501	-1.2		-.079
Quantitative Reasoning												
NSSEville State (N = 209)	37.2	16.1	1.12	13	27	40	47	60				
Public Master's L	34.7	16.8	.28	7	20	33	47	60	3,905	2.4	*	.145
Large Public	35.5	16.6	.21	7	20	33	47	60	6,324	1.6		.099
NSSE 2013 & 2014	35.2	16.4	.10	7	20	33	47	60	24,778	2.0		.121
Learning with Peers												
Collaborative Learning												
NSSEville State (N = 207)	41.2	13.0	.90	20	30	40	50	60				
Public Master's L	37.1	14.4	.24	15	25	40	50	60	236	4.1	***	.288
Large Public	38.1	14.3	.18	15	30	40	50	60	223	3.1	***	.217
NSSE 2013 & 2014	37.6	14.5	.09	15	25	40	50	60	210	3.6	***	.248
Discussions with Diverse Others												
NSSEville State (N = 210)	41.5	14.9	1.03	20	30	40	55	60				
Public Master's L	39.8	17.4	.29	5	25	40	60	60	243	1.7		.100
Large Public	40.4	16.9	.22	10	30	40	60	60	228	1.1		.067
NSSE 2013 & 2014	40.9	16.6	.11	10	30	40	60	60	214	.7		.040

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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 = 208)	22.0	14.1	.98	0	10	20	30	50				
Public Master's L	22.2	15.7	.26	0	10	20	30	55	237	-.2		-.015
Large Public	22.2	15.4	.20	0	10	20	30	55	6,268	-.2		-.013
NSSE 2013 & 2014	22.4	15.4	.10	0	10	20	30	55	24,546	-.4		-.026
Effective Teaching Practices												
NSSEville State (N = 212)	41.7	12.7	.87	20	32	42	52	60				
Public Master's L	38.2	13.7	.22	16	28	40	48	60	3,931	3.5	***	.256
Large Public	37.4	13.3	.17	16	28	40	48	60	6,360	4.3	***	.324
NSSE 2013 & 2014	38.0	13.4	.09	16	28	40	48	60	24,940	3.7	***	.276
Campus Environment												
Quality of Interactions												
NSSEville State (N = 202)	42.6	10.7	.75	22	36	44	50	60				
Public Master's L	41.9	11.9	.20	20	34	44	50	60	230	.6		.052
Large Public	41.1	11.7	.15	20	34	42	50	60	6,129	1.5		.128
NSSE 2013 & 2014	41.8	11.5	.07	20	34	43	50	60	23,952	.7		.062
Supportive Environment												
NSSEville State (N = 210)	33.7	13.0	.90	15	25	34	43	55				
Public Master's L	30.3	14.3	.23	8	20	30	40	58	3,895	3.4	***	.239
Large Public	31.0	14.0	.18	8	20	30	40	58	6,317	2.7	**	.195
NSSE 2013 & 2014	31.7	14.0	.09	8	23	33	40	58	24,744	2.0	*	.145

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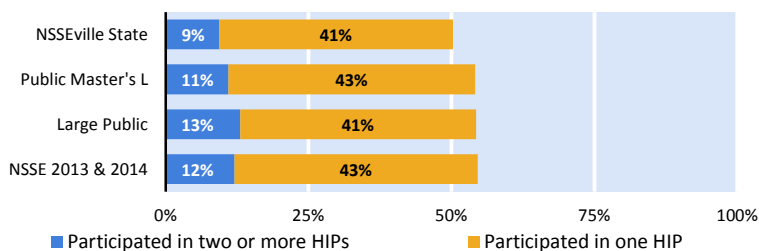
High-Impact Practices: Engineering

NSSEville State University

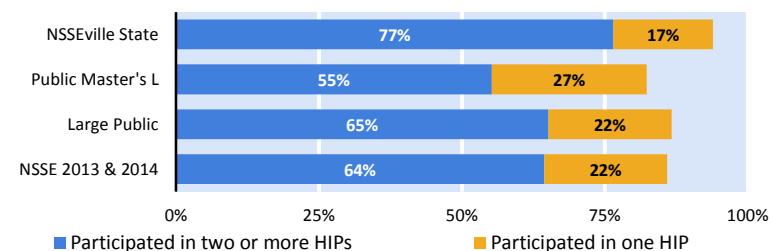
Overall HIP Participation^a

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

First-Year Students in Engineering



Seniors in Engineering



Statistical Comparisons^a

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

	NSSEville State			Public Master's L			Large Public			NSSE 2013 & 2014		
	%			% ⁱ	Effect size ^j		% ⁱ	Effect size ^j		% ⁱ	Effect size ^j	
<i>First-Year Students in Engineering</i>												
11c. Learning community	11			14		-0.09	18 *		-0.20	17 *		-0.18
12. Service-learning	46			49		-0.05	45		.02	46		.01
11e. Research with faculty	4			4		-0.01	6		-0.08	6		-0.07
Participated in at least one	50			54		-0.08	54		-0.08	55		-0.09
Participated in two or more	9			11		-0.05	13		-0.12	12		-0.09
<i>Seniors in Engineering</i>												
11c. Learning community	21			22		-0.01	25		-0.08	25		-0.10
12. Service-learning	56			49 *		.14	45 **		.23	46 **		.21
11e. Research with faculty	27			23		.10	31		-0.09	30		-0.07
11a. Internship or field exp.	66			46 ***		.41	56 **		.19	55 **		.22
11d. Study abroad	7			5		.07	11		-0.14	10		-0.11
11f. Culminating senior exp.	72			47 ***		.52	56 ***		.34	55 ***		.35
Participated in at least one	94			82 ***		.37	87 **		.25	86 ***		.27
Participated in two or more	77			55 ***		.45	65 ***		.25	64 ***		.27

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Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State	Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Your first-year students compared with						
												Public Master's L	Large Public	NSSE 2013 & 2014				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	7	4	104	4	187	4	736	4	2.7	2.7	-.04	2.7	.00	2.8	-.09
		2	Sometimes	70	41	1,021	39	1,733	41	7,178	37							
		3	Often	61	35	956	36	1,511	35	6,909	36							
		4	Very often	34	20	547	21	847	20	4,530	23							
		Total	172	100	2,628	100	4,278	100	19,353	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	40	23	434	17	766	18	3,611	19	2.2	2.5 *** ▼	-.35	2.4 *** ▼	-.27	2.4 *** ▼	-.26
		2	Sometimes	76	44	893	34	1,625	38	7,175	37							
		3	Often	42	25	824	32	1,188	28	5,423	28							
		4	Very often	13	8	463	18	680	16	3,071	16							
		Total	171	100	2,614	100	4,259	100	19,280	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	8	5	123	5	199	5	885	5	3.0	3.1	-.12	3.0	-.08	3.0	-.08
		2	Often	26	15	287	11	544	13	2,454	13							
		3	Sometimes	99	58	1,522	58	2,455	58	11,154	58							
		4	Never	37	22	681	26	1,058	25	4,759	25							
		Total	170	100	2,613	100	4,256	100	19,252	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	54	32	1,031	39	1,809	42	7,729	40	1.9	1.9	.03	1.8	.10	1.8	.05
		2	Sometimes	87	51	1,063	41	1,677	39	7,768	40							
		3	Often	25	15	371	14	562	13	2,708	14							
		4	Very often	5	3	146	6	214	5	1,054	5							
		Total	171	100	2,611	100	4,262	100	19,259	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	6	4	198	8	279	7	1,306	7	2.8	2.6 ** ▲	.25	2.7	.13	2.7	.11
		2	Sometimes	61	36	1,067	41	1,557	36	6,834	35							
		3	Often	60	35	898	34	1,522	36	6,857	36							
		4	Very often	44	26	454	17	908	21	4,296	22							
		Total	171	100	2,617	100	4,266	100	19,293	100								
f. Explained course material to one or more students	CLexplain	1	Never	1	1	99	4	123	3	581	3	3.0	2.8 *** ▲	.26	2.9	.11	2.9	.11
		2	Sometimes	49	29	938	36	1,312	31	5,958	31							
		3	Often	74	44	1,053	40	1,774	42	7,887	41							
		4	Very often	46	27	518	20	1,042	25	4,807	25							
		Total	170	100	2,608	100	4,251	100	19,233	100								

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Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	11	6	382	15	503	12	2,312	12	2.7	2.5 **	.21	2.7	.03	2.7	.04
		2	Sometimes	67	39	946	36	1,394	33	6,306	33							
		3	Often	53	31	837	32	1,327	31	6,082	32							
		4	Very often	40	23	448	17	1,043	24	4,575	24							
		Total	171	100	2,613	100	4,267	100	19,275	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	167	6	227	5	1,055	5	3.0	2.7 ***	.39	2.8 ***	.27	2.8 ***	.28
		2	Sometimes	50	30	957	37	1,427	33	6,450	33							
		3	Often	65	38	991	38	1,621	38	7,297	38							
		4	Very often	54	32	499	19	988	23	4,457	23							
		Total	169	100	2,614	100	4,263	100	19,259	100								
i. Gave a course presentation	present	1	Never	21	12	559	21	1,087	26	4,412	23	2.4	2.2 **	.21	2.1 ***	.38	2.1 ***	.32
		2	Sometimes	79	46	1,175	45	2,055	48	9,405	49							
		3	Often	53	31	642	25	818	19	4,020	21							
		4	Very often	18	11	235	9	294	7	1,404	7							
		Total	171	100	2,611	100	4,254	100	19,241	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	9	5	175	7	291	7	1,136	6	2.7	2.6	.07	2.7	.06	2.6	.07
		2	Sometimes	65	38	1,022	39	1,614	38	7,670	40							
		3	Often	66	38	981	38	1,632	38	7,296	38							
		4	Very often	32	19	438	17	721	17	3,176	16							
		Total	172	100	2,616	100	4,258	100	19,278	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	18	10	320	12	596	14	2,308	12	2.4	2.4	-.11	2.4	-.04	2.4	-.07
		2	Sometimes	94	55	1,120	43	1,902	45	8,813	46							
		3	Often	41	24	839	32	1,251	30	5,842	30							
		4	Very often	19	11	324	12	491	12	2,225	12							
		Total	172	100	2,603	100	4,240	100	19,188	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	36	21	422	16	770	18	3,095	16	2.1	2.4 ***	-.26	2.3 **	-.20	2.3 **	-.24
		2	Sometimes	91	53	1,125	43	1,879	44	8,653	45							
		3	Often	32	19	763	29	1,147	27	5,372	28							
		4	Very often	13	8	300	11	449	11	2,079	11							
		Total	172	100	2,610	100	4,245	100	19,199	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	10	6	168	6	293	7	1,197	6	2.7	2.7	.04	2.7	.08	2.7	.06
		2	Sometimes	57	33	888	34	1,514	36	6,863	36							
		3	Often	72	42	1,106	42	1,715	41	7,921	41							
		4	Very often	32	19	443	17	711	17	3,217	17							
		Total	171	100	2,605	100	4,233	100	19,198	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	5	126	5	232	5	975	5	2.8	2.8	-.03	2.8	.01	2.8	.00
		2	Sometimes	53	31	835	32	1,366	32	6,199	32							
		3	Often	78	46	1,047	40	1,758	41	8,010	42							
		4	Very often	32	19	589	23	887	21	4,010	21							
		Total	171	100	2,597	100	4,243	100	19,194	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	2	105	4	179	4	698	4	2.9	2.8	.14	2.8	.13	2.8	.12
		2	Sometimes	54	32	934	36	1,451	34	6,637	35							
		3	Often	74	44	1,052	40	1,802	42	8,136	42							
		4	Very often	38	22	516	20	813	19	3,713	19							
		Total	169	100	2,607	100	4,245	100	19,184	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	1	52	2	92	2	329	2	3.1	3.0 *	.18	3.0 *	.16	3.0	.14
		2	Sometimes	32	19	637	25	983	23	4,304	22							
		3	Often	80	47	1,164	45	1,923	45	8,897	46							
		4	Very often	58	34	747	29	1,237	29	5,625	29							
		Total	171	100	2,600	100	4,235	100	19,155	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	62	37	746	29	1,233	29	5,132	27	1.8	2.0 **	-.25	2.0 **	-.24	2.1 ***	-.29
		2	Sometimes	80	47	1,203	46	1,952	46	9,005	47							
		3	Often	21	12	444	17	753	18	3,505	18							
		4	Very often	6	4	215	8	318	7	1,569	8							
		Total	169	100	2,608	100	4,256	100	19,211	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	97	58	1,432	55	2,295	54	10,158	53	1.6	1.7	-.12	1.7	-.13	1.7 *	-
		2	Sometimes	52	31	732	28	1,241	29	5,790	30							
		3	Often	14	8	293	11	496	12	2,255	12							
		4	Very often	5	3	141	5	210	5	962	5							
		Total	168	100	2,598	100	4,242	100	19,165	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with							
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	50	30	865	33	1,385	33	5,888	31	2.0	2.0	.03	2.0	.02	2.0	-.02	
		2	Sometimes	77	46	1,137	44	1,870	44	8,590	45								
		3	Often	36	21	438	17	712	17	3,442	18								
		4	Very often	6	4	163	6	275	6	1,252	7								
		Total	169	100	2,603	100	4,242	100	19,172	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	59	35	745	29	1,303	31	5,362	28	1.9	2.0	-.12	2.0	-.07	2.0	-.13	
		2	Sometimes	70	41	1,225	47	1,991	47	9,119	48								
		3	Often	34	20	427	16	677	16	3,374	18								
		4	Very often	6	4	199	8	268	6	1,275	7								
		Total	169	100	2,596	100	4,239	100	19,130	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	6	3	104	4	164	4	887	5	2.8	2.9	-.09	2.9	-.03	2.8	.02	
		2	Some	49	28	682	26	1,255	29	5,827	30								
		3	Quite a bit	85	49	1,195	46	1,877	44	8,452	44								
		4	Very much	32	19	634	24	968	23	4,097	21								
		Total	172	100	2,615	100	4,264	100	19,263	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	1	87	3	118	3	486	3	3.3	3.0 *** ▲	.31	3.2 * ▲	.17	3.2 * ▲	.16	
		2	Some	20	12	523	20	718	17	3,136	16								
		3	Quite a bit	76	44	1,192	46	1,799	42	8,415	44								
		4	Very much	73	43	798	31	1,609	38	7,165	37								
		Total	171	100	2,600	100	4,244	100	19,202	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	4	91	3	196	5	722	4	3.1	3.0	.10	3.0	.08	3.0	.06	
		2	Some	36	21	625	24	945	22	4,283	22								
		3	Quite a bit	69	41	1,121	43	1,774	42	8,140	42								
		4	Very much	59	35	764	29	1,325	31	6,020	31								
		Total	170	100	2,601	100	4,240	100	19,165	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	20	12	143	6	337	8	1,377	7	2.6	2.8 *** ▼	-.29	2.7 * ▼	-.17	2.7 ** ▼	-.21	
		2	Some	62	36	782	30	1,382	33	6,112	32								
		3	Quite a bit	61	36	1,080	42	1,647	39	7,656	40								
		4	Very much	28	16	587	23	870	21	4,023	21								
		Total	171	100	2,592	100	4,236	100	19,168	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
														Your first-year students compared with					
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^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	6	124	5	267	6	1,058	6	2.8	2.9	-.10	2.8	-.05	2.9	-.08	
		2	Some	55	32	717	28	1,202	28	5,317	28								
		3	Quite a bit	68	40	1,105	43	1,713	41	8,076	42								
		4	Very much	39	23	647	25	1,047	25	4,695	25								
		Total	172	100	2,593	100	4,229	100	19,146	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	1	57	2	107	3	367	2	3.1	3.1	-.03	3.1	.02	3.1	-.03	
		2	Some	27	16	493	19	812	19	3,422	18								
		3	Quite a bit	98	57	1,132	43	1,975	46	9,076	47								
		4	Very much	46	27	935	36	1,372	32	6,443	33								
		Total	172	100	2,617	100	4,266	100	19,308	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	1	74	3	106	2	417	2	3.1	3.1	-.04	3.1	-.01	3.1	-.06	
		2	Some	29	17	456	17	782	18	3,316	17								
		3	Quite a bit	96	56	1,225	47	2,051	48	9,293	48								
		4	Very much	44	26	860	33	1,315	31	6,242	32								
		Total	171	100	2,615	100	4,254	100	19,268	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	88	3	142	3	501	3	3.2	3.1 *	.16	3.1 *	.18	3.1	.13	
		2	Some	26	15	500	19	837	20	3,576	19								
		3	Quite a bit	82	48	1,101	42	1,838	43	8,285	43								
		4	Very much	64	37	914	35	1,439	34	6,872	36								
		Total	172	100	2,603	100	4,256	100	19,234	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	19	11	180	7	436	10	1,811	9	2.6	2.9 ***	-.32	2.7	-.12	2.7 *	-.18	
		2	Some	65	38	737	28	1,387	33	5,984	31								
		3	Quite a bit	58	34	946	36	1,501	35	6,875	36								
		4	Very much	30	17	747	29	933	22	4,581	24								
		Total	172	100	2,610	100	4,257	100	19,251	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	13	8	172	7	403	9	1,446	8	2.7	2.8 *	-.20	2.7	-.01	2.8	-.11	
		2	Some	59	34	737	28	1,379	33	5,871	31								
		3	Quite a bit	71	41	1,014	39	1,601	38	7,525	39								
		4	Very much	29	17	682	26	860	20	4,326	23								
		Total	172	100	2,605	100	4,243	100	19,168	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	8	5	195	7	263	6	1,150	6	2.9	2.8	.11	2.9	.03	2.9	.04	
		2	Sometimes	52	30	722	28	1,117	26	5,156	27								
		3	Often	59	34	1,080	41	1,722	40	7,934	41								
		4	Very often	53	31	624	24	1,164	27	5,077	26								
		Total	172	100	2,621	100	4,266	100	19,317	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	34	20	478	18	822	19	3,504	18	2.4	2.4	-.01	2.4	.00	2.4	-.01	
		2	Sometimes	66	39	1,004	38	1,571	37	7,380	38								
		3	Often	40	23	732	28	1,208	28	5,500	29								
		4	Very often	31	18	402	15	664	16	2,914	15								
		Total	171	100	2,616	100	4,265	100	19,298	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	24	14	446	17	674	16	2,867	15	2.4	2.4	.02	2.4	.00	2.4	-.01	
		2	Sometimes	78	45	1,032	39	1,739	41	7,823	41								
		3	Often	44	26	784	30	1,250	29	5,955	31								
		4	Very often	26	15	355	14	598	14	2,603	14								
		Total	172	100	2,617	100	4,261	100	19,248	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	4	2	158	6	267	6	1,058	6	6.0	6.1	-.03	6.2	-.04	6.4	-.09	
		1.5	1-2	42	25	529	20	932	22	3,893	20								
		4	3-5	58	35	850	33	1,354	32	6,134	32								
		8	6-10	40	24	654	25	966	23	4,610	24								
		13	11-15	14	8	215	8	346	8	1,765	9								
		18	16-20	5	3	86	3	153	4	732	4								
		23	More than 20	5	3	90	3	184	4	839	4								
Total	168	100	2,582	100	4,202	100	19,031	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	59	37	1,047	42	1,462	36	6,405	35	1.6	1.8	-.08	2.1 ** ▽	-.17	2.1 ** ▽	-.17	
		1.5	1-2	78	48	909	37	1,659	40	7,606	41								
		4	3-5	15	9	368	15	645	16	3,018	16								
		8	6-10	8	5	112	5	230	6	994	5								
		13	11-15	1	1	24	1	69	2	274	1								
		18	16-20	0	0	8	0	22	1	78	0								
		23	More than 20	0	0	14	1	18	0	77	0								
Total	161	100	2,482	100	4,105	100	18,452	100											

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

Frequencies and Statistical Comparisons: Engineering

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First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	111	69	1,950	81	3,020	76	13,390	75	.7	.8	-.04	.8	-.05	.8	-.05
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	42	26	293	12	697	18	3,238	18							
		4	3-5	5	3	88	4	123	3	627	4							
		8	6-10	1	1	42	2	66	2	296	2							
		13	11-15	0	0	21	1	34	1	136	1							
		18	16-20	1	1	7	0	21	1	64	0							
		23	More than 20	0	0	15	1	14	0	80	0							
		Total	160	100	2,416	100	3,975	100	17,831	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.)										38.8	43.0	-.07	46.1 *	-.12	46.5 *	-.13
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	4	2	163	6	226	5	922	5	3.2	3.0 **	.23	3.0 *	.19	3.1	.15
		2	Sometimes	39	23	667	26	1,062	25	4,561	24							
		3	Often	42	25	773	30	1,266	30	5,670	29							
		4	Very often	85	50	1,011	39	1,711	40	8,144	42							
		Total	170	100	2,614	100	4,265	100	19,297	100								
b. People from an economic background other than your own	DDeconomic	1	Never	3	2	143	5	199	5	843	4	3.3	3.0 ***	.27	3.1 **	.22	3.1 *	.18
		2	Sometimes	31	18	619	24	951	22	4,157	22							
		3	Often	55	33	922	35	1,512	36	6,612	34							
		4	Very often	79	47	924	35	1,591	37	7,645	40							
		Total	168	100	2,608	100	4,253	100	19,257	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	6	4	189	7	249	6	1,163	6	3.3	3.0 ***	.31	3.0 **	.22	3.0 **	.22
		2	Sometimes	26	15	657	25	996	23	4,530	24							
		3	Often	57	34	829	32	1,300	31	5,735	30							
		4	Very often	81	48	930	36	1,706	40	7,813	41							
		Total	170	100	2,605	100	4,251	100	19,241	100								
d. People with political views other than your own	DDpolitical	1	Never	5	3	209	8	259	6	1,241	6	3.2	2.9 ***	.28	3.0 *	.16	3.0 *	.17
		2	Sometimes	37	22	693	27	999	24	4,715	25							
		3	Often	53	31	836	32	1,397	33	6,000	31							
		4	Very often	75	44	859	33	1,581	37	7,229	38							
		Total	170	100	2,597	100	4,236	100	19,185	100								

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

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First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
										NSSE 2013 & 2014				Your first-year students compared with					
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	1	53	2	120	3	438	2	3.1	3.0	.02	3.0	.05	3.0	.02	
		2	Sometimes	35	20	563	22	954	22	4,313	22								
		3	Often	86	50	1,223	47	1,944	46	8,674	45								
		4	Very often	48	28	773	30	1,237	29	5,850	30								
		Total	171	100	2,612	100	4,255	100	19,275	100									
b. Reviewed your notes after class	LSnotes	1	Never	10	6	142	5	247	6	1,054	5	2.8	2.9	-.06	2.8	.00	2.8	-.03	
		2	Sometimes	57	33	823	32	1,456	34	6,333	33								
		3	Often	61	36	915	35	1,417	33	6,627	34								
		4	Very often	43	25	721	28	1,120	26	5,210	27								
		Total	171	100	2,601	100	4,240	100	19,224	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	18	11	198	8	345	8	1,467	8	2.7	2.7	-.07	2.7	-.06	2.7	-.08	
		2	Sometimes	54	32	892	34	1,455	34	6,457	34								
		3	Often	65	38	951	37	1,488	35	6,888	36								
		4	Very often	32	19	549	21	930	22	4,265	22								
		Total	169	100	2,590	100	4,218	100	19,077	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	16	1	24	1	94	0	5.6	5.5	.13	5.6	.05	5.6	.05	
		2		3	2	45	2	62	1	254	1								
		3		7	4	104	4	148	3	645	3								
		4		10	6	270	10	404	9	1,784	9								
		5		56	33	833	32	1,237	29	5,690	29								
		6		52	30	820	31	1,426	33	6,610	34								
		7	Very much	43	25	520	20	958	22	4,213	22								
		Total	171	100	2,608	100	4,259	100	19,290	100									
11. Which of the following have you done or do you plan to do before you graduate? ^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		8	5	302	12	332	8	1,685	9	11%	8%	.10	7%	.11	8%	.09	
		Do not plan to do		3	2	101	4	129	3	739	4								
		Plan to do		142	83	2,015	77	3,489	82	15,340	79								
		Done or in progress		18	11	199	8	311	7	1,551	8								
		Total		171	100	2,617	100	4,261	100	19,315	100								
(Means indicate the percentage who responded "Done or in progress.")																			

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering			Frequency Distributions								Statistical Comparisons ^k							
Item wording or description	Variable name ⁱ	Values ^m	Response options	NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State	Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%		Public Master's L	Large Public	NSSE 2013 & 2014			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	45	26	741	28	1,201	28	5,220	27	16%	10% *	.18	11%	.14	12%	.12
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	37	22	740	28	963	23	4,279	22								
	Plan to do	61	36	872	33	1,616	38	7,510	39									
	Done or in progress	27	16	258	10	472	11	2,248	12									
	Total	170	100	2,611	100	4,252	100	19,257	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	59	35	839	32	1,198	28	5,726	30	11%	14%	-.09	18% *	-.20	17% *	-.18
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	62	37	736	28	1,288	30	5,805	30								
	Plan to do	29	17	660	25	983	23	4,363	23									
	Done or in progress	19	11	369	14	777	18	3,343	17									
	Total	169	100	2,604	100	4,246	100	19,237	100									
d. Participate in a study abroad program	abroad		Have not decided	65	38	786	30	1,224	29	5,714	30	2%	3%	-.03	3%	-.06	3%	-.05
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	47	28	964	37	1,401	33	6,413	33								
	Plan to do	54	32	786	30	1,473	35	6,503	34									
	Done or in progress	4	2	72	3	139	3	605	3									
	Total	170	100	2,608	100	4,237	100	19,235	100									
e. Work with a faculty member on a research project	research		Have not decided	79	47	1,062	41	1,523	36	7,170	37	4%	4%	-.01	6%	-.08	6%	-.07
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	20	12	470	18	566	13	2,722	14								
	Plan to do	63	37	949	37	1,892	45	8,216	43									
	Done or in progress	7	4	111	4	249	6	1,075	6									
	Total	169	100	2,592	100	4,230	100	19,183	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	24	14	781	30	1,034	24	4,722	25	2%	3%	-.05	3%	-.05	2%	-.05
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	3	2	204	8	300	7	1,259	7								
	Plan to do	140	82	1,548	60	2,790	66	12,734	66									
	Done or in progress	3	2	66	3	106	3	467	2									
	Total	170	100	2,599	100	4,230	100	19,182	100									

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

servcourse	1	None	91	54	1,314	51	2,311	55	10,359	54	1.5	1.6	-.11	1.5	-.02	1.5	-.03
	2	Some	71	42	1,041	40	1,633	39	7,538	39							
	3	Most	8	5	191	7	240	6	1,007	5							
	4	All	0	0	27	1	38	1	187	1							
	Total		170	100	2,573	100	4,222	100	19,091	100							

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	1	1	36	1	51	1	238	1	5.8	5.5 *** ▲	.24	5.6 * ▲	.15	5.6 * ▲	.15
		2		2	1	68	3	74	2	353	2							
		3		2	1	111	4	164	4	712	4							
		4		9	5	286	11	388	9	1,711	9							
		5		38	22	616	23	950	22	4,332	22							
		6		72	42	764	29	1,372	32	6,187	32							
		7	Excellent	48	28	723	28	1,255	29	5,709	30							
		—	Not applicable	0	0	18	1	16	0	100	1							
			Total	172	100	2,622	100	4,270	100	19,342	100							
b. Academic advisors	QIadvisor	1	Poor	2	1	133	5	167	4	687	4	5.4	4.9 *** ▲	.26	5.0 ** ▲	.23	5.1	.16
		2		4	2	147	6	246	6	956	5							
		3		11	6	247	9	398	9	1,561	8							
		4		21	12	367	14	612	14	2,600	13							
		5		27	16	509	19	823	19	3,825	20							
		6		40	23	579	22	914	21	4,415	23							
		7	Excellent	40	23	558	21	958	22	4,714	24							
		—	Not applicable	26	15	80	3	146	3	549	3							
			Total	171	100	2,620	100	4,264	100	19,307	100							
c. Faculty	QIfaculty	1	Poor	1	1	65	2	86	2	347	2	5.5	5.2 ** ▲	.22	5.1 *** ▲	.26	5.3 * ▲	.16
		2		2	1	103	4	169	4	583	3							
		3		8	5	164	6	316	7	1,169	6							
		4		19	11	364	14	629	15	2,645	14							
		5		41	25	652	25	1,077	25	4,841	25							
		6		60	36	747	29	1,195	28	5,660	29							
		7	Excellent	33	20	478	18	721	17	3,798	20							
		—	Not applicable	2	1	33	1	52	1	191	1							
			Total	166	100	2,606	100	4,245	100	19,234	100							

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

				Frequency Distributions								Statistical Comparisons ^k					
				NSSEville State				Public Master's L				Large Public				NSSE 2013 & 2014	
				NSSEville State				Public Master's L				Large Public				NSSE 2013 & 2014	
				NSSEville State				Public Master's L				Large Public				NSSE 2013 & 2014	
				NSSEville State				Public Master's L				Large Public				NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	6	4	125	5	168	4	688	4					5.1	.09
		2		4	2	130	5	195	5	765	4						
		3		14	8	190	7	292	7	1,290	7						
		4		22	13	336	13	593	14	2,574	13						
		5		39	23	537	21	904	21	4,174	22						
		6		42	25	557	21	970	23	4,369	23						
		7	Excellent	29	17	446	17	707	17	3,542	18						
		—	Not applicable	15	9	285	11	423	10	1,852	10						
		Total		171	100	2,606	100	4,252	100	19,254	100						
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	6	4	143	6	196	5	795	4					5.0	.11
		2		8	5	153	6	261	6	959	5						
		3		6	4	222	9	344	8	1,425	7						
		4		23	13	372	14	657	15	2,788	14						
		5		38	22	546	21	873	21	4,140	22						
		6		34	20	521	20	857	20	4,174	22						
		7	Excellent	26	15	455	18	672	16	3,329	17						
		—	Not applicable	30	18	186	7	382	9	1,618	8						
		Total		171	100	2,598	100	4,242	100	19,228	100						
14. How much does your institution emphasize the following?																	
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	52	2	59	1	237	1					3.6	.52
		2	Some	6	3	370	14	532	13	2,382	12						
		3	Quite a bit	60	35	1,186	46	1,884	44	8,419	44						
		4	Very much	107	62	996	38	1,762	42	8,158	42						
		Total		173	100	2,604	100	4,237	100	19,196	100						
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	2	93	4	116	3	521	3					3.3	.29
		2	Some	18	11	512	20	784	19	3,122	16						
		3	Quite a bit	73	43	1,102	43	1,794	43	8,075	42						
		4	Very much	77	45	877	34	1,524	36	7,387	39						
		Total		171	100	2,584	100	4,218	100	19,105	100						
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	5	3	154	6	188	4	820	4					3.2	.14
		2	Some	18	10	455	18	697	17	2,957	15						
		3	Quite a bit	84	49	970	37	1,572	37	7,198	38						
		4	Very much	66	38	1,015	39	1,755	42	8,134	43						
		Total		173	100	2,594	100	4,212	100	19,109	100						

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your first-year students compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	25	15	361	14	514	12	2,199	11	2.6	2.7	-.09	2.7	-.11	2.7	-.13	
		2	Some	57	33	773	30	1,314	31	5,899	31								
		3	Quite a bit	54	32	824	32	1,407	33	6,323	33								
		4	Very much	35	20	637	25	991	23	4,725	25								
		Total	171	100	2,595	100	4,226	100	19,146	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	3	178	7	214	5	1,040	5	3.0	2.9	.09	3.0	.02	3.0	.01	
		2	Some	45	26	631	24	972	23	4,189	22								
		3	Quite a bit	67	39	988	38	1,703	40	7,664	40								
		4	Very much	56	32	799	31	1,335	32	6,257	33								
		Total	173	100	2,596	100	4,224	100	19,150	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	1	193	7	260	6	1,106	6	3.3	2.9 *** ▲	.47	3.0 *** ▲	.37	3.0 *** ▲	.36	
		2	Some	21	12	629	24	910	22	4,050	21								
		3	Quite a bit	70	40	1,015	39	1,649	39	7,650	40								
		4	Very much	80	46	756	29	1,395	33	6,306	33								
		Total	173	100	2,593	100	4,214	100	19,112	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	32	18	590	23	902	21	3,820	20	2.3	2.3	-.02	2.3	-.03	2.4	-.05	
		2	Some	75	43	912	35	1,545	37	7,171	38								
		3	Quite a bit	45	26	714	28	1,179	28	5,366	28								
		4	Very much	21	12	375	14	581	14	2,731	14								
		Total	173	100	2,591	100	4,207	100	19,088	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	5	252	10	295	7	1,471	8	2.8	2.8	.07	2.9	-.06	2.9	-.06	
		2	Some	54	31	735	28	1,068	25	4,754	25								
		3	Quite a bit	70	41	970	37	1,688	40	7,467	39								
		4	Very much	40	23	630	24	1,159	28	5,380	28								
		Total	172	100	2,587	100	4,210	100	19,072	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	52	30	430	17	609	15	2,677	14	2.2	2.5 *** ▼	-.26	2.5 *** ▼	-.30	2.6 *** ▼	-.33	
		2	Some	55	32	901	35	1,507	36	6,660	35								
		3	Quite a bit	37	22	804	31	1,361	32	6,262	33								
		4	Very much	28	16	451	17	720	17	3,455	18								
		Total	172	100	2,586	100	4,197	100	19,054	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
		NSSEville State										Public Master's L		Large Public		NSSE 2013 & 2014		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ttmprephrs	0	0 hrs	0	0	16	1	25	1	91	0	18.2	14.2 *** ▲	.48	15.9 *** ▲	.27	16.4 ** ▲	.20
	(Recorded version of ttmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	4	371	14	463	11	1,871	10							
		8	6-10 hrs	30	18	591	23	834	20	3,605	19							
		13	11-15 hrs	28	16	594	23	918	22	4,017	21							
		18	16-20 hrs	38	22	487	19	801	19	3,760	20							
		23	21-25 hrs	33	19	258	10	531	12	2,511	13							
		28	26-30 hrs	22	13	145	6	324	8	1,539	8							
		33	More than 30 hrs	13	8	143	5	356	8	1,848	10							
			Total	171	100	2,605	100	4,252	100	19,242	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	49	28	1,063	41	1,312	31	5,554	29	5.1	4.5	.11	5.3	-.02	5.7	-.08
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	63	37	817	32	1,506	36	6,694	35							
		8	6-10 hrs	38	22	318	12	718	17	3,341	17							
		13	11-15 hrs	11	6	213	8	341	8	1,750	9							
		18	16-20 hrs	6	3	96	4	200	5	982	5							
		23	21-25 hrs	2	1	45	2	72	2	404	2							
		28	26-30 hrs	1	1	9	0	30	1	154	1							
		33	More than 30 hrs	2	1	22	1	44	1	227	1							
			Total	172	100	2,583	100	4,223	100	19,106	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	146	85	2,141	82	3,514	83	15,201	79	1.4	2.1 * ▼	-.14	2.0 * ▼	-.13	2.4 *** ▼	-.19
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	3	85	3	138	3	806	4							
		8	6-10 hrs	11	6	137	5	220	5	1,334	7							
		13	11-15 hrs	7	4	105	4	153	4	886	5							
		18	16-20 hrs	2	1	96	4	148	3	564	3							
		23	21-25 hrs	0	0	25	1	40	1	160	1							
		28	26-30 hrs	0	0	3	0	11	0	49	0							
		33	More than 30 hrs	0	0	13	0	15	0	217	1							
			Total	172	100	2,605	100	4,239	100	19,217	100							

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Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^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	166	97	1,844	71	3,262	77	15,078	79	.4	4.6 *** ▼	-.49	3.4 *** ▼	-.40	3.3 *** ▼	-.37	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	120	5	185	4	801	4								
	8	6-10 hrs	3	2	129	5	180	4	721	4									
	13	11-15 hrs	0	0	126	5	173	4	675	4									
	18	16-20 hrs	1	1	135	5	178	4	655	3									
	23	21-25 hrs	1	1	101	4	109	3	388	2									
	28	26-30 hrs	0	0	36	1	54	1	198	1									
	33	More than 30 hrs	0	0	95	4	85	2	602	3									
	Total		171	100	2,586	100	4,226	100	19,118	100									
Estimated number of hours working for pay	tmworkhrs											1.6	6.6 *** ▼	-.48	5.3 *** ▼	-.39	5.7 *** ▼	-.40	
(Continuous variable created by NSSE)																			
e. Doing community service or volunteer work	tmSERVICEhrs	0	0 hrs	118	69	1,651	64	2,690	64	11,955	63	1.3	2.3 *** ▼	-.21	2.0 ** ▼	-.16	2.0 ** ▼	-.17	
	(Recoded version of tmSERVICE created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	26	626	24	1,116	27	5,401	28								
	8	6-10 hrs	7	4	145	6	202	5	834	4									
	13	11-15 hrs	0	0	75	3	75	2	397	2									
	18	16-20 hrs	0	0	40	2	64	2	230	1									
	23	21-25 hrs	0	0	22	1	26	1	106	1									
	28	26-30 hrs	0	0	5	0	10	0	44	0									
	33	More than 30 hrs	1	1	14	1	10	0	51	0									
	Total		170	100	2,578	100	4,193	100	19,018	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	1	49	2	59	1	295	2	15.4	13.7 * ▲	.19	13.7 * ▲	.20	13.2 ** ▲	.25	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	10	453	17	730	17	3,455	18								
	8	6-10 hrs	41	25	637	25	1,099	26	5,056	26									
	13	11-15 hrs	36	22	534	21	862	20	3,983	21									
	18	16-20 hrs	27	16	384	15	584	14	2,713	14									
	23	21-25 hrs	20	12	203	8	335	8	1,434	8									
	28	26-30 hrs	8	5	100	4	178	4	676	4									
	33	More than 30 hrs	17	10	234	9	369	9	1,485	8									
	Total		167	100	2,594	100	4,216	100	19,097	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k													
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your first-year students compared with											
Public Master's L		Large Public												NSSE 2013 & 2014											
				Item wording or description	Variable name ^j	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	161	95	1,896	73	3,386	81	15,468	81	.7	2.6 *** ▼	-.31	1.9 *** ▼	-.22	2.0 *** ▼	-.23							
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	2	302	12	374	9	1,601	8														
	8	6-10 hrs	1	1	152	6	162	4	666	3															
	13	11-15 hrs	0	0	103	4	107	3	467	2															
	18	16-20 hrs	2	1	47	2	71	2	290	2															
	23	21-25 hrs	0	0	21	1	32	1	136	1															
	28	26-30 hrs	1	1	15	1	16	0	89	0															
	33	More than 30 hrs	1	1	45	2	49	1	337	2															
	Total		169	100	2,581	100	4,197	100	19,054	100															
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	91	54	792	30	1,568	37	8,250	43	1.7	4.4 *** ▼	-.49	3.8 *** ▼	-.40	3.3 *** ▼	-.32							
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	68	40	1,138	44	1,733	41	7,305	38														
	8	6-10 hrs	8	5	396	15	581	14	2,203	12															
	13	11-15 hrs	2	1	142	5	187	4	732	4															
	18	16-20 hrs	0	0	71	3	79	2	328	2															
	23	21-25 hrs	0	0	21	1	31	1	139	1															
	28	26-30 hrs	0	0	18	1	14	0	65	0															
	33	More than 30 hrs	0	0	23	1	32	1	121	1															
	Total		169	100	2,601	100	4,225	100	19,143	100															
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																									
reading		1	Very little	34	20	277	15	529	19	2,119	18	2.2	2.6 *** ▼	-.34	2.4 * ▼	-.16	2.4 ** ▼	-.22							
(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)		2	Some	90	52	685	37	1,110	41	4,966	41														
		3	About half	29	17	521	28	674	25	3,014	25														
		4	Most	15	9	298	16	322	12	1,529	13														
		5	Almost all	4	2	72	4	79	3	446	4														
			Total	172	100	1,853	100	2,714	100	12,074	100														
tmreadinghrs												6.0		5.9		.03		5.7		.07		6.2		-.02	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little= .10; Some= .25; About half= .50; Most= .75; Almost all= .90)																									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	12	1	14	1	52	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	88	51	1,035	56	1,557	58	6,483	54							
		3	More than 5, up to 10 hrs	56	33	517	28	762	28	3,531	29							
		4	More than 10, up to 15 hrs	19	11	151	8	192	7	962	8							
		5	More than 15, up to 20 hrs	3	2	73	4	93	3	556	5							
		6	More than 20, up to 25 hrs	4	2	38	2	67	2	329	3							
		7	More than 25 hrs	1	1	15	1	17	1	91	1							
		Total	171	100	1,841	100	2,702	100	12,004	100								
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	23	13	213	8	530	12	2,288	12	2.5	2.8 *** ▼	-.38	2.7 * ▼	-.19	2.7 ** ▼	-.20
	2	Some	64	37	690	26	1,276	30	5,854	30								
	3	Quite a bit	66	38	1,079	41	1,606	38	7,255	38								
	4	Very much	19	11	628	24	847	20	3,869	20								
	Total	172	100	2,610	100	4,259	100	19,266	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	15	9	327	13	712	17	3,116	16	2.7	2.6	.11	2.5 *** ▲	.26	2.5 ** ▲	.24
	2	Some	54	32	807	31	1,462	34	6,448	34								
	3	Quite a bit	63	37	956	37	1,364	32	6,412	33								
	4	Very much	39	23	507	20	705	17	3,208	17								
	Total	171	100	2,597	100	4,243	100	19,184	100									
c. Thinking critically and analytically	pgthink	1	Very little	6	4	103	4	161	4	734	4	3.1	3.1	.02	3.1	-.04	3.1	-.05
	2	Some	38	22	536	21	786	18	3,493	18								
	3	Quite a bit	66	39	1,087	42	1,776	42	7,960	41								
	4	Very much	61	36	874	34	1,526	36	7,026	37								
	Total	171	100	2,600	100	4,249	100	19,213	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	7	4	185	7	272	6	1,218	6	3.0	2.9	.09	3.0	.00	3.0	.00
	2	Some	47	27	660	25	987	23	4,474	23								
	3	Quite a bit	62	36	1,015	39	1,623	38	7,367	38								
	4	Very much	55	32	740	28	1,369	32	6,150	32								
	Total	171	100	2,600	100	4,251	100	19,209	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your first-year students compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	10	6	412	16	540	13	2,222	12	3.0	2.6 *** ▲	.46	2.7 *** ▲	.36	2.7 *** ▲	.30
		2	Some	36	21	832	32	1,315	31	5,689	30							
		3	Quite a bit	69	40	861	33	1,449	34	6,678	35							
		4	Very much	56	33	497	19	941	22	4,633	24							
		Total	171	100	2,602	100	4,245	100	19,222	100								
f. Working effectively with others	pgothers	1	Very little	4	2	193	7	302	7	1,334	7	3.0	2.8 ** ▲	.24	2.8 ** ▲	.21	2.9 ** ▲	.19
		2	Some	40	23	724	28	1,174	28	5,060	26							
		3	Quite a bit	75	44	1,034	40	1,675	39	7,676	40							
		4	Very much	53	31	645	25	1,099	26	5,123	27							
		Total	172	100	2,596	100	4,250	100	19,193	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	30	17	430	17	712	17	2,995	16	2.5	2.6	-.11	2.5	-.07	2.6	-.15
		2	Some	64	37	780	30	1,353	32	5,723	30							
		3	Quite a bit	46	27	858	33	1,400	33	6,254	33							
		4	Very much	32	19	536	21	781	18	4,231	22							
		Total	172	100	2,604	100	4,246	100	19,203	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	44	26	385	15	651	15	2,871	15	2.3	2.6 *** ▼	-.32	2.6 *** ▼	-.29	2.6 *** ▼	-.29
		2	Some	57	33	801	31	1,354	32	6,219	32							
		3	Quite a bit	47	27	847	33	1,348	32	6,168	32							
		4	Very much	24	14	570	22	895	21	3,953	21							
		Total	172	100	2,603	100	4,248	100	19,211	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	17	10	330	13	470	11	2,087	11	2.7	2.6	.06	2.7	-.03	2.7	-.04
		2	Some	57	33	864	33	1,334	31	5,926	31							
		3	Quite a bit	64	37	887	34	1,463	34	6,740	35							
		4	Very much	34	20	521	20	980	23	4,461	23							
		Total	172	100	2,602	100	4,247	100	19,214	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	42	24	446	17	708	17	3,160	17	2.3	2.5 ** ▼	-.21	2.5 ** ▼	-.23	2.5 ** ▼	-.23
		2	Some	62	36	914	35	1,475	35	6,663	35							
		3	Quite a bit	48	28	796	31	1,320	31	6,021	31							
		4	Very much	20	12	439	17	723	17	3,283	17							
		Total	172	100	2,595	100	4,226	100	19,127	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

First-Year Students^a in Engineering

First-Year Students ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your first-year students compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	45	2	81	2	324	2	3.5	3.1 *** ▲	.55	3.2 *** ▲	.39	3.3 *** ▲	.32	
		2	Fair	7	4	364	14	453	11	1,955	10								
		3	Good	72	42	1,440	55	2,142	50	9,091	47								
		4	Excellent	93	54	768	29	1,584	37	7,947	41								
		Total		172	100	2,617	100	4,260	100	19,317	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	0	0	100	4	138	3	548	3	3.5	3.1 *** ▲	.50	3.3 *** ▲	.35	3.3 *** ▲	.31	
		2	Probably no	12	7	351	13	430	10	1,954	10								
		3	Probably yes	56	32	1,222	47	1,839	43	7,986	41								
		4	Definitely yes	105	61	942	36	1,855	44	8,838	46								
		Total		173	100	2,615	100	4,262	100	19,326	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering			Frequency Distributions									Statistical Comparisons ^k							
			NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with								
											NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count									%
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	7	3	131	4	265	4	864	3	2.9	2.9	-.09	2.9	.01	2.9	-.06	
		2	Sometimes	75	35	1,186	32	2,121	34	8,069	33								
		3	Often	70	33	1,191	32	2,042	33	8,087	33								
		4	Very often	60	28	1,220	33	1,744	28	7,769	31								
		Total	212	100	3,728	100	6,172	100	24,789	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	51	24	864	23	1,532	25	6,266	25	2.2	2.3	-.07	2.2	-.04	2.2	-.04	
		2	Sometimes	88	42	1,467	40	2,361	38	9,366	38								
		3	Often	47	22	870	23	1,453	24	5,753	23								
		4	Very often	24	11	506	14	803	13	3,312	13								
		Total	210	100	3,707	100	6,149	100	24,697	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	19	9	206	6	389	6	1,574	6	2.8	3.0 *** ▽	-.26	2.9 *** ▽	-.24	2.9 *** ▽	-.23	
		2	Often	40	19	571	15	981	16	3,953	16								
		3	Sometimes	127	60	2,112	57	3,361	55	13,623	55								
		4	Never	26	12	825	22	1,412	23	5,523	22								
		Total	212	100	3,714	100	6,143	100	24,673	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	70	33	2,036	55	3,195	52	11,907	48	1.9	1.6 *** ▲	.33	1.6 *** ▲	.29	1.7 ** ▲	.19	
		2	Sometimes	109	52	1,243	34	2,218	36	9,213	37								
		3	Often	25	12	300	8	509	8	2,493	10								
		4	Very often	7	3	124	3	208	3	1,026	4								
		Total	211	100	3,703	100	6,130	100	24,639	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	9	4	343	9	489	8	2,166	9	2.9	2.6 *** ▲	.31	2.7 *** ▲	.23	2.7 *** ▲	.26	
		2	Sometimes	60	28	1,421	38	2,214	36	9,102	37								
		3	Often	81	38	1,172	32	2,021	33	7,868	32								
		4	Very often	61	29	775	21	1,421	23	5,562	23								
		Total	211	100	3,711	100	6,145	100	24,698	100									
f. Explained course material to one or more students	CLexplain	1	Never	3	1	110	3	154	3	669	3	3.0	2.9	.09	3.0	.06	2.9	.07	
		2	Sometimes	59	28	1,096	30	1,749	28	7,036	29								
		3	Often	84	40	1,452	39	2,471	40	9,921	40								
		4	Very often	66	31	1,050	28	1,780	29	7,052	29								
		Total	212	100	3,708	100	6,154	100	24,678	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with							
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	9	4	498	13	744	12	3,353	14	2.9	2.7 **	.21	2.8 *	.14	2.7 **	.19	
		2	Sometimes	74	35	1,140	31	1,823	30	7,477	30								
		3	Often	54	26	1,063	29	1,771	29	6,894	28								
		4	Very often	72	34	1,012	27	1,825	30	6,989	28								
		Total	209	100	3,713	100	6,163	100	24,713	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	0	131	4	199	3	848	3	3.4	3.2 ***	.30	3.2 ***	.25	3.2 ***	.26	
		2	Sometimes	24	11	730	20	1,089	18	4,604	19								
		3	Often	73	35	1,279	34	2,123	35	8,200	33								
		4	Very often	113	54	1,580	42	2,741	45	11,054	45								
		Total	211	100	3,720	100	6,152	100	24,706	100									
i. Gave a course presentation	present	1	Never	10	5	496	13	834	14	3,301	13	2.7	2.6 **	.17	2.6 **	.21	2.6 **	.18	
		2	Sometimes	83	39	1,337	36	2,290	37	8,893	36								
		3	Often	68	32	1,112	30	1,823	30	7,436	30								
		4	Very often	50	24	776	21	1,200	20	5,075	21								
		Total	211	100	3,721	100	6,147	100	24,705	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	3	1	120	3	180	3	645	3	3.1	3.0 *	.16	3.0 *	.16	3.0 *	.17	
		2	Sometimes	43	20	954	26	1,599	26	6,661	27								
		3	Often	91	43	1,520	41	2,504	41	10,108	41								
		4	Very often	73	35	1,121	30	1,873	30	7,268	29								
		Total	210	100	3,715	100	6,156	100	24,682	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	19	9	518	14	919	15	3,396	14	2.4	2.5	-.03	2.4	.05	2.4	.01	
		2	Sometimes	104	50	1,507	41	2,711	44	10,698	44								
		3	Often	65	31	1,138	31	1,734	28	7,234	29								
		4	Very often	22	10	538	15	766	12	3,256	13								
		Total	210	100	3,701	100	6,130	100	24,584	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	52	25	1,090	29	2,094	34	7,207	29	2.1	2.1	-.02	2.0	.11	2.1	.00	
		2	Sometimes	108	52	1,577	43	2,621	43	10,760	44								
		3	Often	35	17	728	20	1,014	17	4,724	19								
		4	Very often	14	7	307	8	398	6	1,905	8								
		Total	209	100	3,702	100	6,127	100	24,596	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with							
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	8	4	358	10	667	11	2,302	9	2.6	2.6	.00	2.5	.08	2.6	.01	
		2	Sometimes	102	49	1,403	38	2,476	40	9,484	39								
		3	Often	68	32	1,344	36	2,124	35	9,033	37								
		4	Very often	32	15	609	16	863	14	3,779	15								
		Total	210	100	3,714	100	6,130	100	24,598	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	9	4	280	8	567	9	1,874	8	2.8	2.7	.06	2.6 *	.14	2.7	.07	
		2	Sometimes	76	36	1,265	34	2,257	37	8,651	35								
		3	Often	83	40	1,435	39	2,181	36	9,298	38								
		4	Very often	42	20	723	20	1,115	18	4,736	19								
		Total	210	100	3,703	100	6,120	100	24,559	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	0	169	5	257	4	896	4	2.8	2.8	.06	2.7	.07	2.8	.03	
		2	Sometimes	76	37	1,306	35	2,217	36	8,559	35								
		3	Often	94	45	1,504	41	2,494	41	10,181	41								
		4	Very often	37	18	720	19	1,155	19	4,934	20								
		Total	208	100	3,699	100	6,123	100	24,570	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	0	73	2	134	2	443	2	3.2	3.1	.11	3.0	.14	3.1	.10	
		2	Sometimes	38	18	802	22	1,359	22	5,088	21								
		3	Often	96	46	1,603	43	2,680	44	10,943	45								
		4	Very often	73	35	1,220	33	1,932	32	8,035	33								
		Total	208	100	3,698	100	6,105	100	24,509	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	42	20	878	24	1,373	22	5,355	22	2.1	2.2	-.11	2.2 *	-.12	2.3 *	-.14	
		2	Sometimes	112	53	1,545	42	2,639	43	10,596	43								
		3	Often	42	20	787	21	1,334	22	5,403	22								
		4	Very often	14	7	475	13	771	13	3,219	13								
		Total	210	100	3,685	100	6,117	100	24,573	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	81	39	1,715	47	2,699	44	10,761	44	2.0	1.9	.13	1.9	.06	1.9	.07	
		2	Sometimes	71	34	1,075	29	1,768	29	7,242	30								
		3	Often	32	15	515	14	937	15	3,820	16								
		4	Very often	25	12	372	10	696	11	2,691	11								
		Total	209	100	3,677	100	6,100	100	24,514	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
										NSSE 2013 & 2014				Your seniors compared with					
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	32	15	886	24	1,401	23	5,764	24	2.3	2.2	.09	2.2	.11	2.2	.10	
		2	Sometimes	106	50	1,515	41	2,650	43	10,410	42								
		3	Often	46	22	814	22	1,381	23	5,555	23								
		4	Very often	26	12	457	12	673	11	2,795	11								
		Total	210	100	3,672	100	6,105	100	24,524	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	69	33	961	26	1,749	29	6,767	28	2.0	2.1 *	-0.17	2.0	-0.09	2.1	-0.12	
		2	Sometimes	94	45	1,669	46	2,806	46	11,390	47								
		3	Often	32	15	720	20	1,080	18	4,381	18								
		4	Very often	14	7	314	9	454	7	1,941	8								
		Total	209	100	3,664	100	6,089	100	24,479	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	27	13	374	10	690	11	2,833	11	2.3	2.6 ***	-0.34	2.5 ***	-0.28	2.5 ***	-0.26	
		2	Some	111	52	1,349	36	2,361	39	9,605	39								
		3	Quite a bit	57	27	1,362	37	2,099	34	8,436	34								
		4	Very much	17	8	625	17	974	16	3,762	15								
		Total	212	100	3,710	100	6,124	100	24,636	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	4	2	105	3	137	2	554	2	3.4	3.2 *	0.17	3.3	0.09	3.3	0.12	
		2	Some	21	10	523	14	772	13	3,135	13								
		3	Quite a bit	77	36	1,427	39	2,260	37	9,582	39								
		4	Very much	110	52	1,644	44	2,945	48	11,287	46								
		Total	212	100	3,699	100	6,114	100	24,558	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	7	3	181	5	268	4	1,101	4	3.1	3.1	0.04	3.1	0.03	3.1	0.05	
		2	Some	37	18	699	19	1,204	20	4,739	19								
		3	Quite a bit	87	41	1,372	37	2,216	36	9,423	38								
		4	Very much	79	38	1,439	39	2,405	39	9,228	38								
		Total	210	100	3,691	100	6,093	100	24,491	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	26	12	435	12	879	14	3,230	13	2.5	2.6	-0.14	2.5	-0.02	2.6	-0.08	
		2	Some	77	37	1,230	33	2,187	36	8,502	35								
		3	Quite a bit	81	39	1,269	34	1,945	32	8,088	33								
		4	Very much	26	12	760	21	1,094	18	4,714	19								
		Total	210	100	3,694	100	6,105	100	24,534	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k								
				NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014		NSSEville State	Your seniors compared with										
										Public Master's L	Large Public	NSSE 2013 & 2014								
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ		Mean	Effect size ⁿ		Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	8	4	267	7	460	8	1,737	7	2.9	2.9	.03	2.8	.06	2.8	.05		
		2	Some	60	29	992	27	1,696	28	6,773	28									
		3	Quite a bit	91	43	1,452	39	2,392	39	9,718	40									
		4	Very much	51	24	984	27	1,542	25	6,282	26									
		Total	210	100	3,695	100	6,090	100	24,510	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	3	1	102	3	164	3	677	3	3.3	3.1 ***	.32	3.1 ***	.36	3.1 ***	.34		
		2	Some	23	11	683	18	1,268	21	4,744	19									
		3	Quite a bit	86	41	1,738	47	2,808	46	11,475	46									
		4	Very much	100	47	1,199	32	1,911	31	7,830	32									
		Total	212	100	3,722	100	6,151	100	24,726	100										
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	1	126	3	204	3	776	3	3.2	3.0 ***	.25	3.0 ***	.27	3.1 ***	.23		
		2	Some	22	10	738	20	1,255	20	4,690	19									
		3	Quite a bit	109	51	1,721	46	2,882	47	11,694	47									
		4	Very much	78	37	1,132	30	1,796	29	7,526	30									
		Total	212	100	3,717	100	6,137	100	24,686	100										
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	4	2	135	4	208	3	851	3	3.3	3.1 ***	.27	3.1 ***	.30	3.1 ***	.27		
		2	Some	19	9	682	18	1,196	19	4,581	19									
		3	Quite a bit	92	43	1,546	42	2,577	42	10,327	42									
		4	Very much	97	46	1,347	36	2,156	35	8,896	36									
		Total	212	100	3,710	100	6,137	100	24,655	100										
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	27	13	529	14	1,024	17	3,847	16	2.7	2.6	.11	2.5 **	.20	2.5 *	.15		
		2	Some	65	31	1,252	34	2,166	35	8,522	35									
		3	Quite a bit	69	33	1,228	33	1,920	31	7,723	31									
		4	Very much	50	24	703	19	1,027	17	4,546	18									
		Total	211	100	3,712	100	6,137	100	24,638	100										
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	15	7	324	9	572	9	2,166	9	2.8	2.8	.10	2.7 *	.17	2.7	.12		
		2	Some	56	26	1,113	30	1,935	32	7,445	30									
		3	Quite a bit	88	42	1,420	38	2,391	39	9,697	39									
		4	Very much	53	25	839	23	1,217	20	5,270	21									
		Total	212	100	3,696	100	6,115	100	24,578	100										

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	6	3	213	6	300	5	1,118	5	3.2	3.0 ** ▲	.20	3.1	.13	3.1 * ▲	.15
		2	Sometimes	37	18	789	21	1,211	20	5,128	21							
		3	Often	73	35	1,358	36	2,184	35	9,072	37							
		4	Very often	95	45	1,363	37	2,460	40	9,412	38							
		Total	211	100	3,723	100	6,155	100	24,730	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	36	17	645	17	1,080	18	4,259	17	2.7	2.6	.08	2.6	.07	2.6	.09
		2	Sometimes	61	29	1,175	32	1,902	31	7,858	32							
		3	Often	49	23	992	27	1,599	26	6,630	27							
		4	Very often	64	30	912	24	1,575	26	5,962	24							
		Total	210	100	3,724	100	6,156	100	24,709	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	18	9	529	14	800	13	3,056	12	2.7	2.6	.10	2.6	.06	2.6	.07
		2	Sometimes	82	39	1,252	34	2,073	34	8,499	34							
		3	Often	59	28	1,171	32	1,912	31	8,000	32							
		4	Very often	51	24	761	20	1,354	22	5,120	21							
		Total	210	100	3,713	100	6,139	100	24,675	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	14	7	400	11	688	12	2,368	10	7.3	6.0 ** ▲	.21	5.8 ** ▲	.25	6.4 * ▲	.15
		1.5	1-2	47	23	924	26	1,575	27	5,787	24							
		4	3-5	51	25	993	28	1,636	28	6,613	28							
		8	6-10	48	23	651	18	1,020	17	4,500	19							
		13	11-15	17	8	270	8	441	7	2,079	9							
		18	16-20	8	4	144	4	224	4	1,067	4							
		23	More than 20	21	10	218	6	331	6	1,520	6							
		Total	206	100	3,600	100	5,915	100	23,934	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	45	22	1,086	31	1,753	30	6,540	28	3.6	3.2	.10	3.1	.11	3.2	.08
		1.5	1-2	77	37	1,174	33	1,938	33	8,155	35							
		4	3-5	43	21	695	20	1,173	20	4,977	21							
		8	6-10	30	14	341	10	572	10	2,301	10							
		13	11-15	7	3	126	4	216	4	860	4							
		18	16-20	2	1	43	1	84	1	336	1							
		23	More than 20	4	2	65	2	75	1	364	2							
		Total	208	100	3,530	100	5,811	100	23,533	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	62	30	1,671	48	2,425	42	9,888	42	2.8	2.3	.12	2.5	.07	2.4	.09
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	83	40	1,065	30	1,902	33	7,813	33							
		4	3-5	36	17	380	11	749	13	2,991	13							
		8	6-10	16	8	177	5	378	7	1,464	6							
		13	11-15	5	2	94	3	179	3	628	3							
		18	16-20	2	1	44	1	72	1	274	1							
		23	More than 20	4	2	67	2	91	2	388	2							
	Total	208	100	3,498	100	5,796	100	23,446	100									
Estimated number of assigned pages of student writing.	wrpages											91.4	74.8 *	.17	76.7 *	.16	78.9	.13
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDRace	1	Never	4	2	293	8	416	7	1,544	6	3.1	3.0	.12	3.0	.12	3.1	.08
		2	Sometimes	53	25	879	24	1,551	25	5,775	23							
		3	Often	63	30	972	26	1,637	27	6,808	28							
		4	Very often	92	43	1,573	42	2,547	41	10,590	43							
		Total	212	100	3,717	100	6,151	100	24,717	100								
b. People from an economic background other than your own	DDeconomic	1	Never	6	3	269	7	378	6	1,380	6	3.1	3.0	.12	3.0	.10	3.1	.07
		2	Sometimes	45	21	835	23	1,400	23	5,488	22							
		3	Often	78	37	1,189	32	2,036	33	8,036	33							
		4	Very often	83	39	1,404	38	2,319	38	9,751	40							
		Total	212	100	3,697	100	6,133	100	24,655	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	9	4	304	8	415	7	1,754	7	3.1	3.0	.10	3.0	.05	3.0	.05
		2	Sometimes	50	24	893	24	1,456	24	5,825	24							
		3	Often	68	32	1,083	29	1,800	29	7,146	29							
		4	Very often	84	40	1,425	38	2,464	40	9,913	40							
		Total	211	100	3,705	100	6,135	100	24,638	100								
d. People with political views other than your own	DDpolitical	1	Never	11	5	313	8	412	7	1,556	6	3.0	2.9	.02	3.0	-.03	3.0	-.06
		2	Sometimes	55	26	900	24	1,492	24	5,835	24							
		3	Often	74	35	1,157	31	1,910	31	7,746	32							
		4	Very often	70	33	1,325	36	2,294	38	9,423	38							
		Total	210	100	3,695	100	6,108	100	24,560	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
						NSSE 2013 & 2014								Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014				
												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	7	3	167	4	299	5	1,075	4	3.0	3.0	-.03	2.9	.04	3.0	-.01	
		2	Sometimes	56	27	863	23	1,565	25	5,944	24								
		3	Often	81	39	1,453	39	2,472	40	9,895	40								
		4	Very often	66	31	1,230	33	1,811	29	7,766	31								
		Total	210	100	3,713	100	6,147	100	24,680	100									
b. Reviewed your notes after class	LSnotes	1	Never	14	7	262	7	547	9	2,234	9	2.7	2.8 *	-.16	2.8	-.07	2.7	-.06	
		2	Sometimes	81	39	1,151	31	2,055	33	8,253	33								
		3	Often	69	33	1,224	33	1,917	31	7,658	31								
		4	Very often	44	21	1,071	29	1,624	26	6,513	26								
		Total	208	100	3,708	100	6,143	100	24,658	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	25	12	365	10	667	11	2,526	10	2.6	2.7 *	-.17	2.6	-.09	2.7	-.12	
		2	Sometimes	84	40	1,202	33	2,164	36	8,476	35								
		3	Often	57	27	1,203	33	1,923	32	7,859	32								
		4	Very often	42	20	899	25	1,338	22	5,566	23								
		Total	208	100	3,669	100	6,092	100	24,427	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	34	1	48	1	194	1	5.7	5.6	.12	5.6	.11	5.6	.11	
		2		3	1	88	2	118	2	450	2								
		3		3	1	122	3	217	4	852	3								
		4		20	10	336	9	518	8	2,127	9								
		5		56	27	930	25	1,615	26	6,528	26								
		6		63	30	1,232	33	2,022	33	8,167	33								
		7	Very much	63	30	980	26	1,610	26	6,383	26								
		Total	208	100	3,722	100	6,148	100	24,701	100									
11. Which of the following have you done or do you plan to do before you graduate? ^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		10	5	233	6	299	5	1,339	5	66%	46% ***	.41	56% **	.19	55% **	.22	
		Do not plan to do		19	9	519	14	796	13	3,626	15								
		Plan to do		44	21	1,280	34	1,601	26	6,118	25								
		Done or in progress		140	66	1,700	46	3,466	56	13,663	55								
		Total		213	100	3,732	100	6,162	100	24,746	100								
			(Means indicate the percentage who responded "Done or in progress.")																

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering			Frequency Distributions									Statistical Comparisons ^k						
			NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with							
											NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	16	8	419	11	600	10	2,245	9	50%	33% *** ▲	.34	41% ** ▲	.18	42% * ▲	.16
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	77	36	1,688	45	2,546	41	10,197	41								
	Plan to do	13	6	378	10	494	8	1,915	8									
	Done or in progress	105	50	1,235	33	2,507	41	10,339	42									
	Total	211	100	3,720	100	6,147	100	24,696	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	18	8	466	13	677	11	2,605	11	21%	22%	-.01	25%	-.08	25%	-.10
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	135	64	2,053	55	3,506	57	13,948	57								
	Plan to do	14	7	392	11	448	7	1,870	8									
	Done or in progress	45	21	799	22	1,505	25	6,236	25									
	Total	212	100	3,710	100	6,136	100	24,659	100									
d. Participate in a study abroad program	abroad		Have not decided	16	8	458	12	633	10	2,442	10	7%	5%	.07	11%	-.14	10%	-.11
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	174	82	2,767	74	4,432	72	18,110	73								
	Plan to do	7	3	294	8	388	6	1,557	6									
	Done or in progress	15	7	196	5	675	11	2,532	10									
	Total	212	100	3,715	100	6,128	100	24,641	100									
e. Work with a faculty member on a research project	research		Have not decided	28	13	695	19	932	15	3,638	15	27%	23%	.10	31%	-.09	30%	-.07
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	87	41	1,454	39	2,273	37	9,679	39								
	Plan to do	38	18	712	19	995	16	3,867	16									
	Done or in progress	57	27	839	23	1,920	31	7,405	30									
	Total	210	100	3,700	100	6,120	100	24,589	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	7	3	278	7	308	5	1,340	5	72%	47% *** ▲	.52	56% *** ▲	.34	55% *** ▲	.35
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	7	3	436	12	534	9	2,478	10								
	Plan to do	45	21	1,263	34	1,887	31	7,245	29									
	Done or in progress	151	72	1,733	47	3,416	56	13,604	55									
	Total	210	100	3,710	100	6,145	100	24,667	100									

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

servcourse	1	None	93	44	1,885	51	3,373	55	13,345	54	1.6	1.6	.07	1.5 * ▲	.17	1.5 * ▲	.15
	2	Some	110	52	1,578	43	2,459	40	10,042	41							
	3	Most	8	4	202	5	236	4	1,016	4							
	4	All	1	0	32	1	46	1	189	1							
	Total		212	100	3,697	100	6,114	100	24,592	100							

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors^a in Engineering

Frequency Distributions												Statistical Comparisons ^k							
						NSSE 2013 & 2014								Your seniors compared with					
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	3	1	46	1	68	1	248	1	6.0	5.7 **	.18	5.8 *	.16	5.8 *	.15	
		2		0	0	65	2	80	1	316	1								
		3		1	0	114	3	196	3	774	3								
		4		12	6	312	8	447	7	1,835	7								
		5		47	22	755	20	1,261	20	5,093	21								
		6		66	31	1,172	31	2,031	33	8,081	33								
		7	Excellent	83	39	1,245	33	2,047	33	8,263	33								
		—	Not applicable	1	0	24	1	40	1	167	1								
			Total		213	100	3,733	100	6,170	100	24,777								100
b. Academic advisors	QIadvisor	1	Poor	10	5	204	5	368	6	1,258	5	5.2	5.1	.03	5.0	.11	5.1	.04	
		2		4	2	195	5	384	6	1,441	6								
		3		15	7	260	7	528	9	1,869	8								
		4		28	13	458	12	805	13	3,161	13								
		5		47	22	733	20	1,165	19	4,534	18								
		6		36	17	793	21	1,287	21	5,373	22								
		7	Excellent	54	26	1,022	27	1,550	25	6,766	27								
		—	Not applicable	17	8	57	2	70	1	327	1								
			Total		211	100	3,722	100	6,157	100	24,729								100
c. Faculty	QIfaculty	1	Poor	1	0	89	2	144	2	453	2	5.7	5.4 ***	.22	5.3 ***	.30	5.4 ***	.23	
		2		4	2	99	3	192	3	689	3								
		3		5	2	183	5	347	6	1,282	5								
		4		8	4	422	11	780	13	3,012	12								
		5		66	31	897	24	1,597	26	6,033	24								
		6		71	34	1,119	30	1,794	29	7,442	30								
		7	Excellent	55	26	883	24	1,254	20	5,600	23								
		—	Not applicable	1	0	16	0	26	0	128	1								
			Total		211	100	3,708	100	6,134	100	24,639								100

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your seniors compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	5	2	194	5	322	5	1,210	5	4.7	4.8	-.07	4.8	-.03	4.8	-.07	
		2		13	6	177	5	332	5	1,265	5								
		3		25	12	282	8	478	8	1,868	8								
		4		35	17	465	12	905	15	3,517	14								
		5		55	26	659	18	1,238	20	4,908	20								
		6		32	15	653	18	1,148	19	4,613	19								
		7	Excellent	27	13	566	15	841	14	3,741	15								
		—	Not applicable	18	9	725	19	883	14	3,575	14								
		Total		210	100	3,721	100	6,147	100	24,697	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	9	4	242	7	387	6	1,417	6	4.7	4.8	-.05	4.7	.03	4.8	-.02	
		2		12	6	213	6	389	6	1,501	6								
		3		19	9	277	7	553	9	2,116	9								
		4		37	17	571	15	1,022	17	3,963	16								
		5		55	26	788	21	1,313	21	5,297	21								
		6		41	19	755	20	1,238	20	4,982	20								
		7	Excellent	26	12	655	18	889	14	3,995	16								
		—	Not applicable	13	6	214	6	368	6	1,437	6								
		Total		212	100	3,715	100	6,159	100	24,708	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	1	61	2	113	2	418	2	3.5	3.2 *** ▲	.36	3.3 *** ▲	.32	3.3 *** ▲	.29	
		2	Some	10	5	559	15	864	14	3,226	13								
		3	Quite a bit	81	38	1,569	42	2,520	41	10,047	41								
		4	Very much	120	56	1,517	41	2,637	43	10,932	44								
			Total	213	100	3,706	100	6,134	100	24,623	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	3	245	7	386	6	1,303	5	3.1	2.9 *** ▲	.28	2.9 *** ▲	.25	2.9 ** ▲	.19	
		2	Some	44	21	942	26	1,567	26	5,882	24								
		3	Quite a bit	85	40	1,582	43	2,561	42	10,449	43								
		4	Very much	77	36	913	25	1,602	26	6,887	28								
			Total	212	100	3,682	100	6,116	100	24,521	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	17	8	427	12	640	10	2,267	9	2.9	2.7 ** ▲	.18	2.7 * ▲	.16	2.8	.10	
		2	Some	49	23	1,042	28	1,768	29	6,720	27								
		3	Quite a bit	85	40	1,368	37	2,231	37	9,227	38								
		4	Very much	60	28	851	23	1,466	24	6,288	26								
			Total	211	100	3,688	100	6,105	100	24,502	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with						
												NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	43	20	753	20	1,252	21	4,754	19	2.4	2.4	-.05	2.4	-.01	2.4	-.06
		2	Some	74	35	1,215	33	2,182	36	8,358	34							
		3	Quite a bit	67	31	1,102	30	1,683	28	7,067	29							
		4	Very much	29	14	618	17	988	16	4,356	18							
		Total	213	100	3,688	100	6,105	100	24,535	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	14	7	388	11	545	9	2,302	9	2.9	2.7 *** ▲	.25	2.8 * ▲	.18	2.8 * ▲	.17
		2	Some	51	24	1,115	30	1,789	29	6,971	28							
		3	Quite a bit	84	40	1,413	38	2,357	39	9,417	38							
		4	Very much	63	30	777	21	1,420	23	5,867	24							
		Total	212	100	3,693	100	6,111	100	24,557	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	3	1	492	13	703	12	2,796	11	3.1	2.6 *** ▲	.46	2.7 *** ▲	.36	2.7 *** ▲	.33
		2	Some	55	26	1,112	30	1,743	29	6,726	27							
		3	Quite a bit	82	38	1,352	37	2,253	37	9,063	37							
		4	Very much	73	34	728	20	1,407	23	5,924	24							
		Total	213	100	3,684	100	6,106	100	24,509	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	58	27	1,346	37	2,180	36	8,406	34	2.1	2.0	.11	2.0	.13	2.0	.08
		2	Some	91	43	1,262	34	2,244	37	8,912	36							
		3	Quite a bit	45	21	752	20	1,208	20	4,915	20							
		4	Very much	19	9	325	9	466	8	2,265	9							
		Total	213	100	3,685	100	6,098	100	24,498	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	13	6	591	16	814	13	3,398	14	2.7	2.5 *** ▲	.27	2.6	.12	2.6	.11
		2	Some	68	33	1,278	35	1,869	31	7,427	30							
		3	Quite a bit	90	43	1,254	34	2,206	36	8,615	35							
		4	Very much	38	18	561	15	1,203	20	5,036	21							
		Total	209	100	3,684	100	6,092	100	24,476	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	50	24	829	23	1,352	22	5,360	22	2.2	2.3	-.07	2.3	-.07	2.3	-.10
		2	Some	88	42	1,413	39	2,383	39	9,347	38							
		3	Quite a bit	48	23	1,021	28	1,667	27	6,665	27							
		4	Very much	23	11	404	11	672	11	3,023	12							
		Total	209	100	3,667	100	6,074	100	24,395	100								

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Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors^a in Engineering

Frequency Distributions												Statistical Comparisons ^k							
						NSSE 2013 & 2014						Your seniors compared with							
				NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	18	0	28	0	104	0	20.1	16.6 ***	.36	17.5 ***	.26	17.9 **	.23	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	5	432	12	615	10	2,275	9								
		8	6-10 hrs	24	11	753	20	1,119	18	4,281	17								
		13	11-15 hrs	33	16	656	18	1,041	17	4,167	17								
		18	16-20 hrs	48	23	666	18	1,095	18	4,511	18								
		23	21-25 hrs	34	16	388	10	761	12	3,135	13								
		28	26-30 hrs	21	10	276	7	528	9	2,211	9								
		33	More than 30 hrs	41	19	520	14	951	15	3,978	16								
			Total	211	100	3,709	100	6,138	100	24,662	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	59	28	1,743	47	2,342	38	9,285	38	6.7	4.0 ***	.42	4.8 ***	.29	5.0 **	.25	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	68	32	1,109	30	1,976	32	7,793	32								
		8	6-10 hrs	32	15	392	11	885	14	3,539	14								
		13	11-15 hrs	19	9	208	6	420	7	1,764	7								
		18	16-20 hrs	16	8	118	3	247	4	1,069	4								
		23	21-25 hrs	11	5	52	1	127	2	487	2								
		28	26-30 hrs	5	2	27	1	43	1	225	1								
		33	More than 30 hrs	1	0	47	1	69	1	378	2								
			Total	211	100	3,696	100	6,109	100	24,540	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	140	67	2,687	73	4,214	69	16,506	67	3.8	3.6	.02	4.1	-.05	4.2	-.05	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	7	133	4	263	4	1,307	5								
		8	6-10 hrs	18	9	278	8	513	8	2,386	10								
		13	11-15 hrs	23	11	203	6	417	7	1,691	7								
		18	16-20 hrs	12	6	268	7	454	7	1,712	7								
		23	21-25 hrs	0	0	59	2	125	2	403	2								
		28	26-30 hrs	1	0	20	1	42	1	169	1								
		33	More than 30 hrs	2	1	42	1	84	1	400	2								
			Total	210	100	3,690	100	6,112	100	24,574	100								

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k						
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with						
												NSSEville State	Public Master's L	Large Public	NSSE 2013 & 2014			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	151	73	1,712	47	3,352	55	14,091	58	3.9	10.9 *** ▼	-.57	8.8 *** ▼	-.42	8.6 *** ▼	-.39
	(Recorded version of tmworkoff created by NSSE.	3	1-5 hrs	11	5	190	5	262	4	1,045	4							
	Values are estimated number of hours per week.)	8	6-10 hrs	7	3	225	6	360	6	1,289	5							
		13	11-15 hrs	9	4	226	6	353	6	1,239	5							
		18	16-20 hrs	21	10	368	10	527	9	1,809	7							
		23	21-25 hrs	8	4	249	7	323	5	1,152	5							
		28	26-30 hrs	0	0	159	4	214	4	739	3							
		33	More than 30 hrs	1	0	541	15	675	11	3,068	13							
		Total			208	100	3,670	100	6,066	100	24,432							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											7.6	14.4 *** ▼	-.53	12.8 *** ▼	-.42	12.7 *** ▼	-.40
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	134	65	2,417	66	3,861	64	15,056	62	1.4	2.1 *** ▼	-.15	2.0 ** ▼	-.13	2.0 ** ▼	-.14
	(Recorded version of tmservice created by NSSE.	3	1-5 hrs	64	31	887	24	1,684	28	7,172	29							
	Values are estimated number of hours per week.)	8	6-10 hrs	3	1	163	4	264	4	1,122	5							
		13	11-15 hrs	5	2	96	3	119	2	477	2							
		18	16-20 hrs	1	0	60	2	74	1	281	1							
		23	21-25 hrs	0	0	22	1	35	1	121	0							
		28	26-30 hrs	0	0	11	0	15	0	62	0							
		33	More than 30 hrs	0	0	21	1	26	0	102	0							
		Total			207	100	3,677	100	6,078	100	24,393							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	3	135	4	172	3	700	3	13.9	11.1 *** ▲	.33	11.9 *** ▲	.24	11.6 *** ▲	.27
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	11	994	27	1,371	23	5,692	23							
		8	6-10 hrs	59	28	1,029	28	1,708	28	7,018	29							
		13	11-15 hrs	49	23	587	16	1,113	18	4,475	18							
		18	16-20 hrs	29	14	455	12	817	13	3,143	13							
		23	21-25 hrs	17	8	181	5	371	6	1,406	6							
		28	26-30 hrs	8	4	100	3	181	3	657	3							
		33	More than 30 hrs	18	9	209	6	360	6	1,393	6							
		Total			209	100	3,690	100	6,093	100	24,484							

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				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		Your seniors compared with						
		NSSEville State										Public Master's L		Large Public		NSSE 2013 & 2014		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	196	94	2,352	64	4,464	73	17,676	72	1.2	5.2 *** ▼	-.42	3.8 *** ▼	-.30	4.1 *** ▼	-.32
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	1	406	11	573	9	2,174	9							
		8	6-10 hrs	0	0	274	7	270	4	1,177	5							
		13	11-15 hrs	4	2	137	4	152	3	696	3							
		18	16-20 hrs	0	0	127	3	148	2	629	3							
		23	21-25 hrs	1	0	63	2	85	1	330	1							
		28	26-30 hrs	0	0	61	2	57	1	248	1							
		33	More than 30 hrs	5	2	255	7	331	5	1,482	6							
		Total	209	100	3,675	100	6,080	100	24,412	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	9	4	345	9	686	11	4,420	18	4.2	5.5 *** ▼	-.25	4.8 ** ▼	-.13	4.4	-.05
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	158	75	2,062	56	3,728	61	13,951	57							
		8	6-10 hrs	35	17	861	23	1,181	19	4,241	17							
		13	11-15 hrs	5	2	265	7	320	5	1,189	5							
		18	16-20 hrs	2	1	88	2	103	2	407	2							
		23	21-25 hrs	0	0	27	1	47	1	159	1							
		28	26-30 hrs	1	0	20	1	16	0	79	0							
		33	More than 30 hrs	0	0	31	1	42	1	130	1							
		Total	210	100	3,699	100	6,123	100	24,576	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	69	33	692	24	1,185	31	4,190	28	2.0	2.3 *** ▼	-.31	2.2 * ▼	-.15	2.2 *** ▼	-.21	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	97	46	1,059	37	1,459	38	5,793								39
		3	About half	26	12	639	23	740	19	2,926								20
		4	Most	17	8	323	11	348	9	1,513								10
		5	Almost all	3	1	116	4	121	3	516								3
		Total	212	100	2,829	100	3,853	100	14,938	100								
tmreadinghrs																		
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)												5.6	5.9	-.06	5.5	.01	5.9	-.05

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						NSSE 2013 & 2014								Your seniors compared with					
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	0	0	15	1	16	0	62	0								
		2	More than zero, up to 5 hrs	119	57	1,602	57	2,335	61	8,499	57								
		3	More than 5, up to 10 hrs	66	31	774	28	966	25	4,133	28								
		4	More than 10, up to 15 hrs	11	5	193	7	241	6	962	6								
		5	More than 15, up to 20 hrs	10	5	119	4	154	4	679	5								
		6	More than 20, up to 25 hrs	4	2	76	3	87	2	383	3								
		7	More than 25 hrs	0	0	34	1	38	1	154	1								
		Total	210	100	2,813	100	3,837	100	14,872	100									
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	16	8	406	11	703	11	2,583	10	2.8	2.8	.04	2.7	.09	2.8	.03	
		2	Some	64	30	1,038	28	1,820	30	6,942	28								
		3	Quite a bit	80	38	1,320	36	2,191	36	8,998	36								
		4	Very much	52	25	947	26	1,435	23	6,168	25								
		Total	212	100	3,711	100	6,149	100	24,691	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	14	7	429	12	796	13	2,891	12	2.9	2.7 *	.13	2.7 **	.19	2.7 *	.14	
		2	Some	57	27	1,071	29	1,828	30	7,049	29								
		3	Quite a bit	85	40	1,293	35	2,116	35	8,701	35								
		4	Very much	54	26	909	25	1,385	23	5,968	24								
		Total	210	100	3,702	100	6,125	100	24,609	100									
c. Thinking critically and analytically	pgthink	1	Very little	4	2	137	4	184	3	683	3	3.5	3.3 ***	.24	3.3 *	.16	3.3	.13	
		2	Some	21	10	531	14	800	13	3,002	12								
		3	Quite a bit	61	29	1,292	35	1,990	32	7,987	32								
		4	Very much	125	59	1,746	47	3,160	52	12,952	53								
		Total	211	100	3,706	100	6,134	100	24,624	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	1	152	4	209	3	877	4	3.5	3.2 ***	.30	3.3 **	.20	3.3 ***	.22	
		2	Some	23	11	589	16	854	14	3,429	14								
		3	Quite a bit	57	27	1,228	33	1,837	30	7,639	31								
		4	Very much	130	61	1,737	47	3,235	53	12,689	52								
		Total	212	100	3,706	100	6,135	100	24,634	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your seniors compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	6	3	305	8	467	8	1,768	7	3.3	3.0 ***	.32	3.0 ***	.32	3.0 ***	.28	
		2	Some	34	16	763	21	1,351	22	5,027	20								
		3	Quite a bit	62	29	1,278	34	2,054	33	8,244	33								
		4	Very much	110	52	1,365	37	2,271	37	9,635	39								
		Total	212	100	3,711	100	6,143	100	24,674	100									
f. Working effectively with others	pgothers	1	Very little	2	1	226	6	344	6	1,302	5	3.3	3.0 ***	.36	3.0 ***	.36	3.0 ***	.33	
		2	Some	27	13	801	22	1,351	22	5,082	21								
		3	Quite a bit	81	38	1,366	37	2,291	37	9,354	38								
		4	Very much	102	48	1,309	35	2,149	35	8,886	36								
		Total	212	100	3,702	100	6,135	100	24,624	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	20	9	652	18	1,135	18	4,238	17	2.8	2.6 **	.18	2.5 ***	.24	2.6 **	.17	
		2	Some	68	32	1,090	29	1,947	32	7,303	30								
		3	Quite a bit	64	30	1,101	30	1,758	29	7,257	29								
		4	Very much	60	28	861	23	1,296	21	5,852	24								
		Total	212	100	3,704	100	6,136	100	24,650	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	40	19	739	20	1,299	21	4,798	19	2.4	2.5	-.08	2.4	-.04	2.5	-.09	
		2	Some	83	39	1,251	34	2,071	34	8,333	34								
		3	Quite a bit	58	27	988	27	1,652	27	6,705	27								
		4	Very much	31	15	731	20	1,119	18	4,806	20								
		Total	212	100	3,709	100	6,141	100	24,642	100									
i. Solving complex real-world problems	pgprobsolve	1	Very little	11	5	363	10	527	9	2,034	8	3.2	2.9 ***	.25	3.0 **	.21	3.0 **	.20	
		2	Some	37	18	882	24	1,434	23	5,606	23								
		3	Quite a bit	71	34	1,191	32	1,998	33	8,234	33								
		4	Very much	92	44	1,273	34	2,181	36	8,779	36								
		Total	211	100	3,709	100	6,140	100	24,653	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	40	19	827	22	1,428	23	5,375	22	2.4	2.4	.02	2.3	.08	2.4	.03	
		2	Some	78	37	1,268	34	2,167	36	8,608	35								
		3	Quite a bit	60	28	941	26	1,572	26	6,466	26								
		4	Very much	33	16	652	18	935	15	4,112	17								
		Total	211	100	3,688	100	6,102	100	24,561	100									

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

Frequencies and Statistical Comparisons: Engineering

NSSEville State University

Seniors^a in Engineering

Seniors ^a in Engineering				Frequency Distributions								Statistical Comparisons ^k							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Your seniors compared with					
														Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	4	2	137	4	213	3	790	3	3.5	3.1 *** ▲	.53	3.2 *** ▲	.44	3.2 *** ▲	.38	
		2	Fair	9	4	568	15	815	13	3,000	12								
		3	Good	77	36	1,839	49	2,907	47	11,207	45								
		4	Excellent	124	58	1,179	32	2,223	36	9,748	39								
		Total		214	100	3,723	100	6,158	100	24,745	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	3	1	224	6	329	5	1,245	5	3.5	3.1 *** ▲	.55	3.2 *** ▲	.44	3.2 *** ▲	.41	
		2	Probably no	10	5	562	15	777	13	3,057	12								
		3	Probably yes	68	32	1,629	44	2,562	42	9,977	40								
		4	Definitely yes	132	62	1,310	35	2,501	41	10,497	42								
		Total		213	100	3,725	100	6,169	100	24,776	100								

NSSE 2014 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 Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	172	99	2,399	91	3,792	88	17,258	89	208	97	3,413	91	5,573	90	22,400	90
		More than one	1	1	234	9	499	12	2,165	11	6	3	327	9	620	10	2,471	10
		Total	173	100	2,633	100	4,291	100	19,423	100	214	100	3,740	100	6,193	100	24,871	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol (Recoded from MAJfirst)	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Biological Sci., Agriculture, & Natural Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Physical Sci., Mathematics, & Computer Science	18	10	707	27	773	18	3,926	20	15	7	964	26	913	15	4,234	17
		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	154	89	1,767	67	3,379	79	14,439	74	199	93	2,350	63	4,837	78	18,049	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	1	1	159	6	139	3	1,058	5	0	0	426	11	443	7	2,589	10
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	173	100	2,633	100	4,291	100	19,423	100	214	100	3,740	100	6,193	100	24,872	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol (Recoded from MAJsecond)	Arts & Humanities	0	0	24	10	83	17	296	14	0	0	35	11	81	13	264	11
		Biological Sci., Agriculture, & Natural Resources	0	0	4	2	17	3	68	3	0	0	8	2	32	5	83	3
		Physical Sci., Mathematics, & Computer Science	0	0	56	24	115	23	588	27	0	0	84	26	163	26	740	30
		Social Sciences	0	0	9	4	29	6	112	5	0	0	15	5	25	4	132	5
		Business	1	100	35	15	58	12	234	11	3	50	42	13	54	9	255	10
		Communications, Media, & Public Relations	0	0	10	4	7	1	22	1	0	0	5	2	5	1	20	1
		Education	0	0	3	1	7	1	22	1	0	0	5	2	7	1	19	1
		Engineering	0	0	62	26	135	27	609	28	3	50	97	30	194	31	703	29
		Health Professions	0	0	5	2	10	2	29	1	0	0	3	1	9	1	26	1
		Social Service Professions	0	0	4	2	10	2	29	1	0	0	6	2	9	1	36	1
		All Other	0	0	19	8	17	3	113	5	0	0	20	6	28	5	151	6
		Undecided, Undeclared	0	0	3	1	8	2	33	2	0	0	7	2	11	2	29	1
		Total	1	100	234	100	496	100	2,155	100	6	100	327	100	618	100	2,458	100

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

Respondent Profile: Engineering

NSSEville State University

Engineering

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSE 2013 & 2014								NSSE 2013 & 2014							
			NSSEville State		Public Master's L		Large Public				NSSEville State		Public Master's L		Large Public			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	161	94	2,264	87	3,800	89	17,179	89	0	0	18	0	19	0	72	0
		Sophomore	3	2	303	12	393	9	1,753	9	2	1	46	1	98	2	367	1
		Junior	3	2	29	1	33	1	196	1	24	11	458	12	766	12	3,180	13
		Senior	4	2	5	0	13	0	73	0	179	84	3,120	84	5,162	84	20,694	84
		Unclassified	0	0	10	0	17	0	105	1	8	4	80	2	129	2	466	2
		Total	171	100	2,611	100	4,256	100	19,306	100	213	100	3,722	100	6,174	100	24,779	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	2	1	87	3	117	3	651	3	42	20	752	20	1,066	17	4,055	16
		Yes	169	99	2,520	97	4,117	97	18,598	97	170	80	2,961	80	5,077	83	20,641	84
		Total	171	100	2,607	100	4,234	100	19,249	100	212	100	3,713	100	6,143	100	24,696	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	1	1	5	0	17	0	71	0	17	8	86	2	123	2	625	3
		1	0	0	10	0	9	0	120	1	4	2	116	3	167	3	821	3
		2	1	1	39	1	28	1	315	2	17	8	276	7	376	6	1,575	6
		3	18	11	174	7	166	4	777	4	40	19	447	12	565	9	2,309	9
		4	91	53	842	32	1,286	30	5,310	28	76	36	1,112	30	1,845	30	6,919	28
		5	39	23	953	36	1,658	39	7,075	37	34	16	896	24	1,805	29	6,887	28
		6	13	8	344	13	682	16	3,449	18	11	5	409	11	771	13	3,312	13
		7 or more	8	5	244	9	408	10	2,170	11	14	7	380	10	512	8	2,294	9
		Total	171	100	2,611	100	4,254	100	19,287	100	213	100	3,722	100	6,164	100	24,742	100
b. Of these, how many are entirely online?	onlinenum	0	169	98	2,331	89	3,908	92	17,341	90	208	98	3,104	84	5,216	85	20,174	82
		1	2	1	210	8	254	6	1,256	7	4	2	409	11	614	10	2,647	11
		2	0	0	34	1	43	1	320	2	0	0	89	2	167	3	916	4
		3	0	0	18	1	21	0	107	1	0	0	65	2	84	1	413	2
		4	0	0	4	0	11	0	72	0	0	0	18	0	34	1	212	1
		5	0	0	7	0	5	0	41	0	0	0	5	0	11	0	85	0
		6	0	0	6	0	2	0	42	0	0	0	4	0	13	0	91	0
		7 or more	1	1	3	0	4	0	65	0	0	0	11	0	10	0	138	1
		Total	172	100	2,613	100	4,248	100	19,244	100	212	100	3,705	100	6,149	100	24,676	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrscol	No courses taken online	168	98	2,327	89	3,904	92	17,324	90	208	98	3,099	84	5,211	85	20,155	82
		Some courses taken online	2	1	256	10	310	7	1,485	8	4	2	475	13	759	12	3,113	13
		All courses taken online	1	1	19	1	22	1	378	2	0	0	125	3	164	3	1,360	6
		Total	171	100	2,602	100	4,236	100	19,187	100	212	100	3,699	100	6,134	100	24,628	100

NSSE 2014 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 Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	4	2	49	2	65	2	296	2	2	1	22	1	25	0	95	0
		C	9	5	85	3	138	3	550	3	5	2	118	3	183	3	681	3
		C+	14	8	153	6	204	5	889	5	19	9	254	7	364	6	1,319	5
		B-	14	8	235	9	335	8	1,359	7	39	18	443	12	571	9	2,275	9
		B	38	22	550	21	796	19	3,692	19	47	22	886	24	1,347	22	5,315	21
		B+	29	17	496	19	740	17	3,473	18	48	23	644	17	1,157	19	4,536	18
		A-	36	21	410	16	776	18	3,679	19	31	15	533	14	1,017	16	4,364	18
		A	27	16	639	24	1,203	28	5,364	28	22	10	823	22	1,507	24	6,178	25
		Total	171	100	2,617	100	4,257	100	19,302	100	213	100	3,723	100	6,171	100	24,763	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	161	94	2,382	91	3,954	93	17,614	91	153	72	1,575	42	3,539	58	14,845	60
		Started elsewhere	10	6	225	9	289	7	1,649	9	60	28	2,139	58	2,615	42	9,886	40
		Total	171	100	2,607	100	4,243	100	19,263	100	213	100	3,714	100	6,154	100	24,731	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	2	1	103	4	120	3	651	3	4	2	366	10	464	8	1,984	8
	attend_com	Community or junior college	17	10	218	8	271	6	1,422	7	106	50	1,928	52	2,262	37	8,713	35
	attend_col	4-year college or university other than this one	6	4	202	8	281	7	1,412	7	23	11	1,029	28	1,493	24	5,753	23
	attend_none	None	143	84	2,043	79	3,521	83	15,556	81	96	46	1,117	30	2,752	45	11,570	47
	attend_other	Other	3	2	117	5	155	4	742	4	1	0	154	4	252	4	990	4
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	0	0	84	3	111	3	588	3	4	2	193	5	165	3	737	3
		Bachelor's degree (B.A., B.S., etc.)	43	25	991	38	1,350	32	6,241	32	79	38	1,489	40	2,206	36	8,729	35
		Master's degree (M.A., M.S., etc.)	110	64	1,183	45	1,974	47	9,082	47	115	55	1,570	42	2,763	45	11,344	46
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	19	11	350	13	794	19	3,322	17	12	6	459	12	1,013	16	3,877	16
		Total	172	100	2,608	100	4,229	100	19,233	100	210	100	3,711	100	6,147	100	24,687	100

NSSE 2014 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 Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	10	6	242	9	187	4	775	4	17	8	280	8	274	4	983	4
		High school diploma or G.E.D.	11	6	484	19	550	13	2,505	13	24	11	735	20	929	15	3,811	15
		Attended college, but did not complete degree	9	5	327	13	384	9	1,748	9	16	8	420	11	535	9	2,213	9
		Associate's degree (A.A., A.S., etc.)	9	5	238	9	349	8	1,587	8	11	5	427	12	606	10	2,310	9
		Bachelor's degree (B.A., B.S., etc.)	49	29	764	29	1,410	33	6,248	32	75	36	1,129	30	2,001	33	7,999	32
		Master's degree (M.A., M.S., etc.)	59	35	447	17	1,018	24	4,732	25	52	25	547	15	1,289	21	5,340	22
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	24	14	105	4	341	8	1,653	9	16	8	173	5	521	8	2,057	8
		Total	171	100	2,607	100	4,239	100	19,248	100	211	100	3,711	100	6,155	100	24,713	100
		First-generation status (No parent holds a bachelor's degree)																
	firstgen	Not first-generation	132	77	1,316	50	2,769	65	12,633	66	143	68	1,849	50	3,811	62	15,396	62
	(Recoded from parented)	First-generation	39	23	1,291	50	1,470	35	6,615	34	68	32	1,862	50	2,344	38	9,317	38
		Total	171	100	2,607	100	4,239	100	19,248	100	211	100	3,711	100	6,155	100	24,713	100
29. What is your gender identity? (Revised for 2014; limited to NSSE 2014 institutions)	genderid	Man	126	74	1,423	76	1,971	72	8,889	73	160	75	2,217	78	2,841	74	11,264	75
		Woman	45	26	413	22	719	26	3,039	25	50	24	549	19	920	24	3,406	23
		Another gender identity	0	0	6	0	4	0	36	0	1	0	12	0	13	0	45	0
		I prefer not to respond	0	0	24	1	31	1	158	1	1	0	57	2	76	2	246	2
		Total	171	100	1,866	100	2,725	100	12,122	100	212	100	2,835	100	3,850	100	14,961	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger	166	97	2,266	87	3,810	90	16,823	88	2	1	13	0	39	1	159	1
		20-23	4	2	212	8	270	6	1,399	7	162	77	1,873	51	4,022	66	15,832	64
		24-29	2	1	74	3	88	2	470	2	37	18	1,022	28	1,146	19	4,581	19
		30-39	0	0	39	1	42	1	305	2	9	4	510	14	618	10	2,430	10
		40-55	0	0	11	0	20	0	194	1	0	0	241	7	278	5	1,417	6
		Over 55	0	0	1	0	1	0	18	0	0	0	25	1	17	0	151	1
		Total	172	100	2,603	100	4,231	100	19,209	100	210	100	3,684	100	6,120	100	24,570	100
31. Are you an international student or foreign national?	internat	No	163	95	2,335	90	3,770	90	17,150	90	206	97	3,376	92	5,600	92	22,535	92
		Yes	9	5	252	10	440	10	1,984	10	7	3	311	8	512	8	2,021	8
		Total	172	100	2,587	100	4,210	100	19,134	100	213	100	3,687	100	6,112	100	24,556	100

NSSE 2014 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 Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	2	1	56	2	71	2	355	2	3	1	81	2	102	2	405	2
	re_asian	Asian	35	20	391	15	512	12	2,641	14	41	19	503	14	654	11	2,693	11
	re_black	Black or African American	3	2	267	10	297	7	1,557	8	2	1	261	7	314	5	1,562	6
	re_latino	Hispanic or Latino	21	12	462	18	627	15	2,204	11	31	15	472	13	724	12	2,316	9
	re_pacific	Native Hawaiian or Other Pacific Islander	3	2	33	1	28	1	194	1	4	2	46	1	30	0	188	1
	re_white	White	121	71	1,436	55	2,732	64	12,646	66	142	67	2,338	63	4,299	70	17,380	70
	re_other	Other	2	1	106	4	137	3	608	3	3	1	132	4	138	2	640	3
	re_pnr	I prefer not to respond	8	5	111	4	188	4	862	4	8	4	212	6	315	5	1,307	5
	re_all	American Indian or Alaska Native	0	0	8	0	17	0	65	0	1	0	17	0	21	0	98	0
	(Recoded from re_amind through re_pnr where each student is represented only once)	Asian	25	15	333	13	438	10	2,174	11	33	15	439	12	553	9	2,237	9
		Black or African American	1	1	223	9	242	6	1,262	7	1	0	222	6	274	4	1,338	5
33. Are you a member of a social fraternity or sorority?	re_latino	Hispanic or Latino	13	8	367	14	488	11	1,539	8	24	11	350	9	555	9	1,652	7
	re_pnr	Native Hawaiian/Other Pac. Islander	1	1	10	0	8	0	59	0	1	0	14	0	6	0	56	0
	where each student is represented only once)	White	104	61	1,270	49	2,477	58	11,383	59	127	60	2,119	57	3,980	65	16,084	65
		Other	1	1	67	3	93	2	379	2	2	1	79	2	81	1	414	2
		Multiracial	18	11	219	8	296	7	1,547	8	16	8	255	7	359	6	1,505	6
		I prefer not to respond	8	5	111	4	188	4	862	4	8	4	212	6	315	5	1,307	5
		Total	171	100	2,608	100	4,247	100	19,270	100	213	100	3,707	100	6,144	100	24,691	100
	greek	No	159	92	2,452	94	3,851	91	17,649	92	192	90	3,465	94	5,542	90	22,234	90
		Yes	13	8	147	6	379	9	1,559	8	21	10	236	6	589	10	2,408	10
		Total	172	100	2,599	100	4,230	100	19,208	100	213	100	3,701	100	6,131	100	24,642	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)	159	92	1,341	52	2,600	61	12,839	67	28	13	306	8	791	13	4,151	17
		Fraternity or sorority house	0	0	8	0	42	1	214	1	4	2	30	1	124	2	522	2
		Residence (house, apartment, etc.) within walking distance to the institution	8	5	255	10	489	12	1,703	9	94	44	856	23	1,734	28	7,168	29
		Residence (house, apartment, etc.) farther than walking distance to the institution	4	2	896	34	994	23	3,964	21	84	39	2,383	64	3,327	54	12,025	49
		None of the above	1	1	102	4	111	3	505	3	3	1	134	4	162	3	803	3
		Total	172	100	2,602	100	4,236	100	19,225	100	213	100	3,709	100	6,138	100	24,669	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	169	98	2,476	95	4,034	96	17,628	92	207	99	3,598	98	5,976	98	23,568	96
		Yes	3	2	124	5	182	4	1,524	8	3	1	89	2	131	2	990	4
		Total	172	100	2,600	100	4,216	100	19,152	100	210	100	3,687	100	6,107	100	24,558	100

NSSE 2014 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 Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	171	100	2,525	97	4,120	98	17,968	94	209	99	3,377	92	5,704	93	22,170	90
		Yes	0	0	67	3	94	2	1,177	6	3	1	312	8	407	7	2,390	10
		Total	171	100	2,592	100	4,214	100	19,145	100	212	100	3,689	100	6,111	100	24,560	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	156	91	2,322	89	3,812	90	17,281	90	196	92	3,214	87	5,447	89	21,931	89
		Yes	11	6	171	7	281	7	1,315	7	11	5	337	9	468	8	1,897	8
		I prefer not to respond	5	3	105	4	141	3	626	3	6	3	152	4	225	4	822	3
		Total	172	100	2,598	100	4,234	100	19,222	100	213	100	3,703	100	6,140	100	24,650	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	1	9	48	24	66	20	279	18	4	36	71	19	83	15	371	17
	dis_mobility	A mobility impairment	0	0	11	6	23	7	103	7	0	0	39	10	66	12	237	11
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	4	36	81	41	141	42	665	43	8	73	159	42	222	41	873	39
	dis_mental	A mental health disorder	3	27	30	15	52	16	234	15	1	9	93	25	114	21	440	20
	dis_other	A disability or impairment not listed above	4	36	33	17	54	16	276	18	0	0	79	21	111	20	461	21
Disability or impairment	disability_all	A sensory impairment	1	1	38	1	46	1	202	1	2	1	47	1	52	1	241	1
	(Recoded from disability and dis_sense through dis_other where each student is represented only once)	A mobility impairment	0	0	7	0	14	0	63	0	0	0	17	0	34	1	128	1
		A learning disability	3	2	64	2	114	3	521	3	6	3	109	3	155	3	620	3
		A mental health disorder	3	2	14	1	29	1	122	1	1	0	41	1	56	1	214	1
		A disability or impairment not listed	3	2	24	1	33	1	196	1	0	0	48	1	67	1	301	1
		More than one disability or impairment	1	1	24	1	43	1	206	1	2	1	74	2	99	2	386	2
		No disability or impairment	156	91	2,322	89	3,812	90	17,281	90	196	92	3,214	87	5,447	89	21,931	89
		Prefer not to respond	5	3	105	4	141	3	626	3	6	3	152	4	225	4	822	3
		Total	172	100	2,598	100	4,232	100	19,217	100	213	100	3,702	100	6,135	100	24,643	100
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	--	--	988	87	1,520	88	6,588	88	--	--	1,405	88	2,290	88	8,430	89
		Gay	--	--	8	1	22	1	81	1	--	--	22	1	35	1	139	1
		Lesbian	--	--	5	0	5	0	29	0	--	--	4	0	10	0	39	0
		Bisexual	--	--	27	2	39	2	159	2	--	--	35	2	59	2	179	2
		Another sexual orientation	--	--	5	0	10	1	39	1	--	--	14	1	20	1	48	1
		Questioning or unsure	--	--	16	1	21	1	108	1	--	--	12	1	19	1	71	1
		I prefer not to respond	--	--	89	8	101	6	479	6	--	--	108	7	166	6	616	6
		Total	--	--	1,138	100	1,718	100	7,483	100	--	--	1,600	100	2,599	100	9,522	100

NSSE 2014 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 Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female	45	26	424	22	740	27	3,124	25	51	24	568	20	940	24	3,488	23
		Male	128	74	1,467	78	2,031	73	9,151	75	163	76	2,291	80	2,946	76	11,600	77
		Total	173	100	1,891	100	2,771	100	12,275	100	214	100	2,859	100	3,886	100	15,088	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	11	0	11	0	66	0	0	0	18	1	29	1	123	1
		Asian	0	0	251	11	278	7	1,274	7	1	25	340	10	343	6	1,401	6
		Black or African American	0	0	229	10	256	7	1,194	7	0	0	228	7	283	5	1,257	6
		Hispanic or Latino	1	20	419	18	365	10	1,662	10	0	0	433	12	444	8	1,765	8
		Native Hawaiian/Other Pac. Islander	0	0	4	0	5	0	41	0	0	0	4	0	7	0	28	0
		White	4	80	1,128	47	2,360	63	10,584	61	3	75	2,010	58	3,852	69	15,142	68
		Other	0	0	2	0	2	0	26	0	0	0	0	0	0	0	34	0
		Foreign or nonresident alien	0	0	150	6	271	7	1,229	7	0	0	166	5	300	5	1,091	5
		Two or more races/ethnicities	0	0	59	2	88	2	536	3	0	0	80	2	90	2	431	2
		Unknown	0	0	132	6	109	3	716	4	0	0	196	6	234	4	1,110	5
		Total	5	100	2,385	100	3,745	100	17,328	100	4	100	3,475	100	5,582	100	22,382	100
Institution-reported class level	IRclass	Freshman/First-Year	173	100	2,633	100	4,291	100	19,423	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	214	100	3,740	100	6,193	100	24,872	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	173	100	2,633	100	4,291	100	19,423	100	214	100	3,740	100	6,193	100	24,872	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	6	3	338	13	422	10	2,241	12	214	100	3,684	99	6,186	100	24,593	99
		Yes	167	97	2,295	87	3,869	90	17,182	88	0	0	56	1	7	0	279	1
		Total	173	100	2,633	100	4,291	100	19,423	100	214	100	3,740	100	6,193	100	24,872	100
Institution-reported enrollment status	IRenrollment	Not full-time	1	1	95	4	119	3	649	3	14	7	754	20	938	15	3,796	15
		Full-time	172	99	2,538	96	4,172	97	18,774	97	200	93	2,986	80	5,255	85	21,076	85
		Total	173	100	2,633	100	4,291	100	19,423	100	214	100	3,740	100	6,193	100	24,872	100

Endnotes

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

Key to symbols:

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