

---

# **Fitchburg State University**

## ***NSSE 2017 Major Field Report, Part II***

### ***Comparisons to Other Institutions***

### **Arts and Sciences**

---

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

*The Major Field Report group 'Arts and Sciences' includes the following majors: Arts, fine and applied; Broadcast communications; Communications (general); Criminal justice; Economics; English (language and literature); History; Mass communications and media studies; Multi, Interdisciplinary studies; Other communications; Other fine and performing arts; Other, not listed; Political science; Sociology; Undecided, undeclared.*

*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: Arts and Sciences.

#### NSSE results included in MFR, Part II

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

### Related-Major Groups

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

### Sample

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

### Class

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

### Technical Requirements

Related-major groups with fewer than 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

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

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

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

## Overview of Engagement Indicators: Arts and Sciences

### Fitchburg 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<sup>a</sup> 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 Arts and Sciences			Seniors in Arts and Sciences		
		Your first-year students compared with New England Public	Your first-year students compared with Nat. Public Masters	Your first-year students compared with All Nat. Public	Your seniors compared with New England Public	Your seniors compared with Nat. Public Masters	Your seniors compared with All Nat. Public
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 2017 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Arts and Sciences

### Fitchburg State University

#### First-year students<sup>a</sup> in Arts and Sciences

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Fitchburg State (N = 49)	36.7	11.9	1.70	20	30	35	40	60				
New England Public	36.9	13.2	.78	15	30	40	45	60	332	-.1		-.010
Nat. Public Masters	37.2	13.2	.16	15	30	40	45	60	6,634	-.4		-.033
All Nat. Public	37.5	13.2	.09	15	30	40	45	60	22,256	-.7		-.056
<b>Reflective &amp; Integrative Learning</b>												
Fitchburg State (N = 49)	32.4	10.6	1.51	17	26	31	40	51				
New England Public	35.3	13.1	.77	14	26	37	43	60	337	-2.9		-.223
Nat. Public Masters	36.0	12.2	.15	17	29	37	43	57	6,736	-3.6	*	-.294
All Nat. Public	36.4	12.2	.08	17	29	37	46	57	22,604	-4.0	*	-.328
<b>Learning Strategies</b>												
Fitchburg State (N = 49)	34.3	13.1	1.86	20	20	33	40	60				
New England Public	38.4	13.2	.78	20	27	40	47	60	333	-4.1	*	-.311
Nat. Public Masters	37.7	13.6	.17	20	27	40	47	60	6,663	-3.4		-.249
All Nat. Public	37.7	13.8	.09	13	27	40	47	60	22,379	-3.4		-.245
<b>Quantitative Reasoning</b>												
Fitchburg State (N = 49)	26.4	14.4	2.06	0	20	27	40	53				
New England Public	25.1	15.5	.92	0	13	27	40	53	332	1.3		.083
Nat. Public Masters	24.9	15.2	.19	0	13	20	33	53	6,668	1.5		.097
All Nat. Public	25.2	15.4	.10	0	13	20	33	53	22,380	1.2		.081
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Fitchburg State (N = 48)	28.6	15.0	2.17	5	15	30	40	50				
New England Public	28.6	13.1	.78	5	20	30	35	55	60	.1		.005
Nat. Public Masters	30.0	13.2	.16	10	20	30	40	55	48	-1.3		-.100
All Nat. Public	30.5	13.6	.09	10	20	30	40	55	22,410	-1.9		-.138
<b>Discussions with Diverse Others</b>												
Fitchburg State (N = 49)	39.3	14.6	2.09	20	25	40	50	60				
New England Public	37.4	15.8	.93	15	25	40	50	60	332	1.8		.118
Nat. Public Masters	39.6	15.2	.19	15	30	40	55	60	6,676	-.3		-.020
All Nat. Public	40.2	15.1	.10	15	30	40	55	60	22,426	-1.0		-.063

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

## Engagement Indicators: Arts and Sciences

### Fitchburg State University

#### First-year students<sup>a</sup> in Arts and Sciences

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Fitchburg State (N = 48)	21.3	16.4	2.37	0	10	18	35	50				
New England Public	21.0	14.9	.88	0	10	20	30	50	335	.3		.019
Nat. Public Masters	20.1	14.5	.18	0	10	20	30	50	48	1.2		.079
All Nat. Public	20.3	14.5	.10	0	10	20	30	50	47	.9		.065
<b>Effective Teaching Practices</b>												
Fitchburg State (N = 49)	35.1	9.9	1.41	20	28	36	40	52				
New England Public	38.9	13.1	.77	20	28	40	48	60	80	-3.8	*	-.297
Nat. Public Masters	38.7	12.8	.16	20	32	40	48	60	49	-3.6	*	-.284
All Nat. Public	38.6	12.8	.09	20	32	40	48	60	48	-3.5	*	-.273
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Fitchburg State (N = 48)	41.1	11.1	1.61	20	34	40	50	60				
New England Public	38.2	13.3	.81	12	30	40	48	58	315	2.9		.225
Nat. Public Masters	40.4	12.6	.16	16	33	42	50	60	6,421	.7		.056
All Nat. Public	40.8	12.3	.08	18	34	42	50	60	21,610	.3		.024
<b>Supportive Environment</b>												
Fitchburg State (N = 49)	34.9	11.6	1.66	15	28	35	40	58				
New England Public	35.3	13.3	.78	15	25	35	43	60	335	-.4		-.034
Nat. Public Masters	36.1	13.6	.17	15	26	38	45	60	6,711	-1.2		-.090
All Nat. Public	36.0	13.5	.09	15	28	38	45	60	22,539	-1.2		-.086

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

## Engagement Indicators: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Fitchburg State (N = 55)	34.7	11.8	1.59	20	25	35	40	60				
New England Public	39.7	13.6	.64	20	30	40	50	60	507	-4.9	*	-.367
Nat. Public Masters	40.9	13.7	.14	20	30	40	50	60	9,721	-6.2	***	-.454
All Nat. Public	40.9	13.7	.08	20	30	40	50	60	31,166	-6.2	***	-.449
<b>Reflective &amp; Integrative Learning</b>												
Fitchburg State (N = 55)	37.2	11.1	1.50	20	29	37	46	60				
New England Public	39.3	12.9	.60	20	31	40	49	60	511	-2.2		-.169
Nat. Public Masters	41.0	12.4	.13	20	31	40	51	60	9,820	-3.8	*	-.305
All Nat. Public	40.8	12.4	.07	20	31	40	51	60	31,555	-3.6	*	-.292
<b>Learning Strategies</b>												
Fitchburg State (N = 55)	37.7	13.7	1.84	20	27	40	47	60				
New England Public	38.3	14.4	.67	13	27	40	47	60	508	-.6		-.044
Nat. Public Masters	39.1	14.6	.15	13	27	40	53	60	9,706	-1.4		-.096
All Nat. Public	38.9	14.6	.08	13	27	40	53	60	31,230	-1.2		-.081
<b>Quantitative Reasoning</b>												
Fitchburg State (N = 54)	22.5	16.3	2.22	0	13	20	33	60				
New England Public	24.4	17.2	.81	0	13	20	40	53	505	-1.9		-.112
Nat. Public Masters	26.0	16.9	.17	0	13	27	40	60	9,708	-3.6		-.212
All Nat. Public	26.4	17.0	.10	0	13	27	40	60	31,212	-3.9		-.229
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Fitchburg State (N = 55)	30.5	14.2	1.92	5	20	30	40	60				
New England Public	28.9	13.4	.63	10	20	25	40	50	506	1.6		.116
Nat. Public Masters	30.9	14.1	.14	10	20	30	40	60	9,740	-.4		-.029
All Nat. Public	30.4	14.3	.08	10	20	30	40	55	31,300	.1		.005
<b>Discussions with Diverse Others</b>												
Fitchburg State (N = 55)	41.1	16.4	2.21	10	30	40	60	60				
New England Public	39.5	14.7	.69	20	30	40	50	60	506	1.6		.105
Nat. Public Masters	41.4	15.1	.15	20	30	40	55	60	9,720	-.3		-.022
All Nat. Public	41.4	15.2	.09	15	30	40	55	60	31,263	-.3		-.019

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

## Engagement Indicators: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Fitchburg State (N = 55)	27.9	14.7	1.99	0	20	25	40	60				
New England Public	26.0	16.8	.79	0	15	25	38	60	505	1.9		.114
Nat. Public Masters	25.6	16.0	.16	0	15	25	35	60	9,687	2.3		.146
All Nat. Public	24.7	16.0	.09	0	15	20	35	60	31,199	3.2		.198
<b>Effective Teaching Practices</b>												
Fitchburg State (N = 55)	36.0	15.2	2.05	16	24	40	48	60				
New England Public	41.2	12.8	.60	20	32	40	52	60	511	-5.3	**	-.402
Nat. Public Masters	41.6	13.4	.14	20	32	40	52	60	9,827	-5.7	**	-.423
All Nat. Public	40.9	13.5	.08	20	32	40	52	60	31,578	-5.0	**	-.368
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Fitchburg State (N = 53)	41.6	13.8	1.89	14	34	44	50	60				
New England Public	40.9	12.2	.58	18	33	43	50	60	489	.8		.061
Nat. Public Masters	42.2	12.1	.13	20	35	44	50	60	9,369	-.5		-.045
All Nat. Public	41.6	12.2	.07	20	34	43	50	60	30,087	.0		-.001
<b>Supportive Environment</b>												
Fitchburg State (N = 54)	32.1	14.1	1.92	13	20	30	40	60				
New England Public	31.1	13.8	.64	8	20	33	40	55	508	1.0		.070
Nat. Public Masters	33.1	14.0	.14	10	23	33	43	60	9,772	-1.0		-.068
All Nat. Public	32.9	14.0	.08	10	23	33	43	60	31,430	-.8		-.054

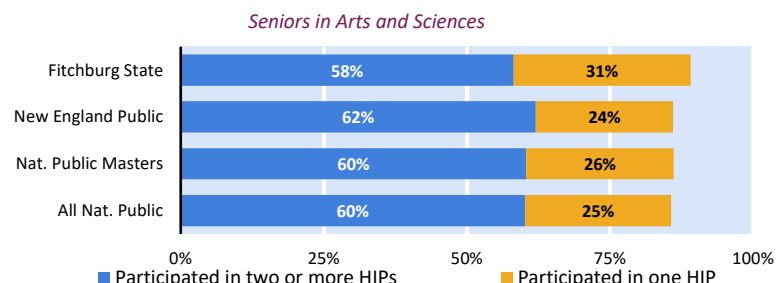
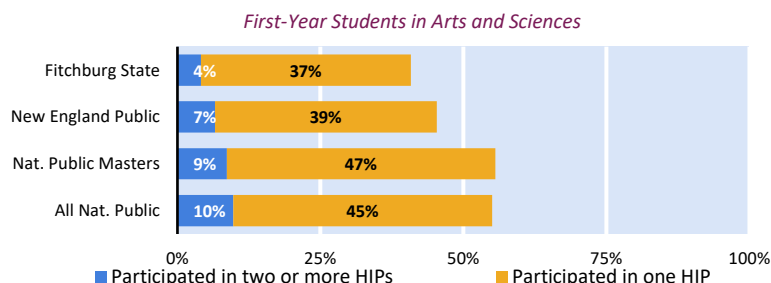
# NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

## High-Impact Practices: Arts and Sciences

### Fitchburg State University








































#### Overall HIP Participation<sup>a,h</sup>

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



#### Statistical Comparisons

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

	Fitchburg State	Your students' participation compared with:							
		New England Public		Nat. Public Masters		All Nat. Public			
<i>First-Year Students in Arts and Sciences</i>	%	Difference <sup>i</sup>	ES <sup>j</sup>	Difference <sup>i</sup>	ES <sup>j</sup>	Difference <sup>i</sup>	ES <sup>j</sup>		
12. Service-Learning	39	 -3	-.07	 -12	-.24	 -10	-.20		
11c. Learning Community	4	 -4	-.15	 -7	-.28	 -9	-.34		
11e. Research with Faculty	2	 -1	-.09	 -2	-.09	 -2	-.12		
<i>Participated in at least one</i>	41	 -5	-.09	 -15	* -0.30	 -14	* -0.29		
<i>Participated in two or more</i>	4	 -2	-.11	 -5	-.19	 -6	-.23		
<i>Seniors in Arts and Sciences</i>									
12. Service-Learning	54	 -4	-.08	 -8	-.15	 -4	-.09		
11c. Learning Community	13	 -5	-.15	 -8	-.22	 -9	-.23		
11e. Research with Faculty	22	+0 	.00	+1 	.02	-0 	-.01		
11a. Internship or Field Exp.	51	+4 	.09	+7 	.13	+5 	.10		
11d. Study Abroad	9	 -2	-.07	 -4	-.12	 -6	-.19		
11f. Culminating Senior Exp.	59	+6 	.11	+9 	.19	+11 	.21		
<i>Participated in at least one</i>	89	+3 	.09	+3 	.09	+3 	.10		
<i>Participated in two or more</i>	58	 -4	-.08	 -2	-.04	 -2	-.04		



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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Public	Nat. Public Masters	All Nat. Public	Public	Effect size <sup>n</sup>	Nat. Public Masters		Effect size <sup>n</sup>	All Nat. Public	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	0	0	4	1	212	3	726	3	2.9	2.9	-.10	2.8	.04	2.8	.03
		2	Sometimes	17	35	90	31	2,440	36	8,186	36							
		3	Often	22	45	116	40	2,384	36	7,904	35							
		4	Very often	10	20	80	28	1,665	25	5,768	26							
		Total	49	100	290	100	6,701	100	22,584	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	8	16	52	18	1,076	16	3,918	17	2.4	2.4	-.01	2.5	-.12	2.5	-.10
		2	Sometimes	19	39	113	39	2,350	35	7,915	35							
		3	Often	17	35	80	28	2,034	30	6,611	29							
		4	Very often	5	10	44	15	1,209	18	4,067	18							
		Total	49	100	289	100	6,669	100	22,511	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	3	6	13	4	295	4	1,157	5	2.9	3.1	-.18	3.0	-.14	3.0	-.09
		2	Often	6	12	34	12	890	13	3,165	14							
		3	Sometimes	32	65	168	58	3,860	58	13,017	58							
		4	Never	8	16	76	26	1,642	25	5,197	23							
		Total	49	100	291	100	6,687	100	22,536	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	21	43	105	36	2,021	30	7,131	32	1.9	2.0	-.15	2.1	-.20	2.1	-.18
		2	Sometimes	14	29	99	34	2,702	40	8,890	39							
		3	Often	12	24	57	20	1,288	19	4,305	19							
		4	Very often	2	4	30	10	671	10	2,221	10							
		Total	49	100	291	100	6,682	100	22,547	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	8	17	41	14	685	10	2,305	10	2.4	2.4	.04	2.5	-.12	2.5	-.14
		2	Sometimes	17	35	134	47	2,853	43	9,428	42							
		3	Often	19	40	81	28	2,295	34	7,642	34							
		4	Very often	4	8	32	11	861	13	3,185	14							
		Total	48	100	288	100	6,694	100	22,560	100								
f. Explained course material to one or more students	CLexplain	1	Never	5	10	21	7	399	6	1,235	5	2.7	2.6	.13	2.6	.10	2.6	.05
		2	Sometimes	16	33	118	41	2,803	42	9,197	41							
		3	Often	18	37	117	40	2,620	39	8,763	39							
		4	Very often	10	20	34	12	866	13	3,359	15							
		Total	49	100	290	100	6,688	100	22,554	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your first-year students compared with					
						Public		Masters						New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	14	29	64	22	1,202	18	3,932	17	2.2	2.3	-.02	2.4	-.14	2.4	-.18	
		2	Sometimes	14	29	114	40	2,646	40	8,648	38								
		3	Often	16	33	81	28	1,996	30	6,732	30								
		4	Very often	5	10	29	10	842	13	3,251	14								
		Total	49	100	288	100	6,686	100	22,563	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	9	18	23	8	541	8	1,904	8	2.5	2.5	-.04	2.5	-.08	2.5	-.09	
		2	Sometimes	15	31	131	45	2,879	43	9,586	43								
		3	Often	18	37	105	36	2,426	36	7,956	35								
		4	Very often	7	14	32	11	844	13	3,108	14								
		Total	49	100	291	100	6,690	100	22,554	100									
i. Given a course presentation	present	1	Never	10	21	36	12	1,071	16	4,155	18	2.1	2.4 *	-.35	2.4	-.24	2.3	-.16	
		2	Sometimes	24	50	124	43	2,895	43	10,091	45								
		3	Often	11	23	98	34	1,956	29	5,922	26								
		4	Very often	3	6	33	11	765	11	2,388	11								
		Total	48	100	291	100	6,687	100	22,556	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	7	14	27	9	575	9	1,784	8	2.4	2.6	-.24	2.6 *	-.29	2.6 *	-.31	
		2	Sometimes	21	43	112	39	2,475	37	8,391	37								
		3	Often	17	35	111	38	2,614	39	8,659	38								
		4	Very often	4	8	40	14	1,014	15	3,700	16								
		Total	49	100	290	100	6,678	100	22,534	100									
b. Connected your learning to societal problems or issues	RSocietal	1	Never	8	16	28	10	578	9	1,752	8	2.5	2.7	-.19	2.7	-.21	2.7	-.24	
		2	Sometimes	16	33	100	34	2,283	34	7,662	34								
		3	Often	18	37	106	36	2,563	38	8,663	38								
		4	Very often	7	14	57	20	1,259	19	4,457	20								
		Total	49	100	291	100	6,683	100	22,534	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	3	6	30	10	543	8	1,756	8	2.6	2.7	-.09	2.7	-.09	2.7	-.12	
		2	Sometimes	17	35	89	31	2,292	34	7,630	34								
		3	Often	25	51	111	38	2,510	38	8,390	37								
		4	Very often	4	8	60	21	1,343	20	4,769	21								
		Total	49	100	290	100	6,688	100	22,545	100									

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Public	Nat. Public Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	1	2	19	7	315	5	960	4	2.7	2.8	-.05	2.8	-.10	2.8	-.13
		2	Sometimes	17	35	91	31	2,082	31	6,792	30							
		3	Often	26	53	123	42	2,973	44	10,159	45							
		4	Very often	5	10	58	20	1,316	20	4,621	21							
		Total	49	100	291	100	6,686	100	22,532	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	2	4	13	4	185	3	613	3	2.8	2.9	-.05	2.9	-.13	3.0	-.15
		2	Sometimes	15	31	83	29	1,764	26	5,736	25							
		3	Often	21	43	119	41	3,028	45	10,275	46							
		4	Very often	11	22	75	26	1,713	26	5,918	26							
		Total	49	100	290	100	6,690	100	22,542	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	4	8	3	200	3	682	3	2.6	2.8	-.28	2.9 *	-.35	2.9 *	-.35
		2	Sometimes	23	47	101	35	1,980	30	6,660	30							
		3	Often	17	35	115	40	2,999	45	10,018	44							
		4	Very often	7	14	64	22	1,491	22	5,163	23							
		Total	49	100	288	100	6,670	100	22,523	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	6	2	97	1	299	1	2.7	3.0 *	-.31	3.0 **	-.40	3.0 **	-.43
		2	Sometimes	18	37	69	24	1,414	21	4,710	21							
		3	Often	26	53	144	50	3,359	50	11,077	49							
		4	Very often	5	10	71	24	1,801	27	6,401	28							
		Total	49	100	290	100	6,671	100	22,487	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	15	31	67	23	1,517	23	4,906	22	2.1	2.2	-.09	2.2	-.08	2.2	-.10
		2	Sometimes	18	37	129	44	2,980	45	10,095	45							
		3	Often	10	20	57	20	1,426	21	4,928	22							
		4	Very often	6	12	38	13	761	11	2,601	12							
		Total	49	100	291	100	6,684	100	22,530	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	28	57	144	50	3,425	51	11,344	50	1.7	1.8	-.10	1.7	-.05	1.8	-.07
		2	Sometimes	10	20	85	29	1,953	29	6,793	30							
		3	Often	9	18	39	13	887	13	2,931	13							
		4	Very often	2	4	22	8	409	6	1,433	6							
		Total	49	100	290	100	6,674	100	22,501	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
												New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	18	37	96	33	2,276	34	7,394	33	2.0	2.0	.06	2.0	.09	2.0	.06
		2	Sometimes	14	29	125	43	2,796	42	9,575	43							
		3	Often	14	29	47	16	1,157	17	3,959	18							
		4	Very often	3	6	22	8	441	7	1,553	7							
		Total	49	100	290	100	6,670	100	22,481	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	11	23	67	23	1,754	26	5,822	26	2.3	2.2	.15	2.1	.26	2.1	.27
		2	Sometimes	15	31	129	44	3,002	45	10,336	46							
		3	Often	17	35	65	22	1,374	21	4,625	21							
		4	Very often	5	10	30	10	537	8	1,701	8							
		Total	48	100	291	100	6,667	100	22,484	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	3	6	16	6	230	3	905	4	2.9	2.7	.15	2.9	-.03	2.9	-.02
		2	Some	12	24	89	31	1,772	27	6,107	27							
		3	Quite a bit	23	47	138	48	3,245	49	10,475	46							
		4	Very much	11	22	46	16	1,433	21	5,040	22							
		Total	49	100	289	100	6,680	100	22,527	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	4	18	6	327	5	1,053	5	2.7	2.8	-.06	2.8	-.07	2.8	-.10
		2	Some	14	29	77	27	1,978	30	6,518	29							
		3	Quite a bit	28	57	143	50	3,134	47	10,442	46							
		4	Very much	5	10	50	17	1,223	18	4,462	20							
		Total	49	100	288	100	6,662	100	22,475	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	4	15	5	311	5	969	4	2.9	2.8	.03	2.8	.01	2.9	-.02
		2	Some	10	20	78	27	1,823	27	6,115	27							
		3	Quite a bit	30	61	135	47	3,072	46	10,156	45							
		4	Very much	7	14	60	21	1,446	22	5,208	23							
		Total	49	100	288	100	6,652	100	22,448	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	4	11	4	247	4	830	4	2.9	2.9	.06	2.9	.00	2.9	-.01
		2	Some	9	18	75	26	1,618	24	5,585	25							
		3	Quite a bit	29	59	144	50	3,209	48	10,521	47							
		4	Very much	9	18	59	20	1,580	24	5,523	25							
		Total	49	100	289	100	6,654	100	22,459	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
												New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	2	10	3	277	4	929	4	2.8	2.9	-.06	2.9	-.04	2.9	-.05
		2	Some	14	29	82	28	1,808	27	6,097	27							
		3	Quite a bit	26	53	131	45	3,090	46	10,237	46							
		4	Very much	8	16	68	23	1,493	22	5,219	23							
		Total	49	100	291	100	6,668	100	22,482	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	5	2	113	2	456	2	2.9	3.1	-.18	3.1	-.21	3.1	-.21
		2	Some	13	27	62	21	1,348	20	4,428	20							
		3	Quite a bit	27	55	136	47	3,112	47	10,594	47							
		4	Very much	9	18	88	30	2,108	32	7,065	31							
		Total	49	100	291	100	6,681	100	22,543	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	2	9	3	211	3	662	3	2.8	3.0	-.25	3.0	-.26	3.0	-.28
		2	Some	16	33	61	21	1,410	21	4,703	21							
		3	Quite a bit	24	49	138	48	3,195	48	10,845	48							
		4	Very much	8	16	77	27	1,848	28	6,297	28							
		Total	49	100	285	100	6,664	100	22,507	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	4	11	4	212	3	755	3	2.8	3.0	-.18	3.0	-.25	3.0	-.24
		2	Some	11	22	70	24	1,469	22	5,006	22							
		3	Quite a bit	30	61	127	44	3,009	45	10,013	44							
		4	Very much	6	12	81	28	1,981	30	6,731	30							
		Total	49	100	289	100	6,671	100	22,505	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	6	16	6	444	7	1,587	7	2.6	2.9 *	-.32	2.9 *	-.28	2.8	-.26
		2	Some	18	37	84	29	1,838	28	6,333	28							
		3	Quite a bit	23	47	104	36	2,559	38	8,530	38							
		4	Very much	5	10	86	30	1,835	27	6,052	27							
		Total	49	100	290	100	6,676	100	22,502	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	8	19	7	563	8	1,977	9	2.6	2.8	-.20	2.7	-.10	2.7	-.08
		2	Some	14	29	86	30	2,117	32	7,300	33							
		3	Quite a bit	27	55	111	39	2,575	39	8,540	38							
		4	Very much	4	8	69	24	1,402	21	4,644	21							
		Total	49	100	285	100	6,657	100	22,461	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Public		Masters		All Nat. Public	Public		Nat. Public Masters		All Nat. Public				
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	12	42	15	1,043	16	3,619	16	2.5	2.4	.12	2.4	.15	2.4	.14
		2	Sometimes	18	37	118	41	2,779	42	9,079	40							
		3	Often	19	39	93	33	2,125	32	7,227	32							
		4	Very often	6	12	33	12	718	11	2,571	11							
		Total	49	100	286	100	6,665	100	22,496	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	20	64	22	1,544	23	5,303	24	2.2	2.2	-.02	2.2	.00	2.2	.00
		2	Sometimes	22	45	125	43	2,818	42	9,400	42							
		3	Often	14	29	72	25	1,731	26	5,727	25							
		4	Very often	3	6	28	10	574	9	2,047	9							
		Total	49	100	289	100	6,667	100	22,477	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	8	16	76	26	1,556	23	5,158	23	2.2	2.1	.12	2.2	.09	2.2	.07
		2	Sometimes	24	49	120	41	2,936	44	9,768	43							
		3	Often	14	29	71	24	1,695	25	5,810	26							
		4	Very often	3	6	23	8	484	7	1,765	8							
		Total	49	100	290	100	6,671	100	22,501	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum	0	None	0	0	12	4	350	5	1,132	5	7.2	7.4	-.03	6.7	.09	6.7	.08
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	20	49	17	1,265	19	4,256	19							
		4	3-5	15	31	84	29	2,113	32	7,114	32							
		8	6-10	13	27	79	27	1,636	25	5,540	25							
		13	11-15	6	12	34	12	695	10	2,348	10							
		18	16-20	4	8	13	4	282	4	1,026	5							
		23	More than 20	1	2	18	6	294	4	1,009	4							
Total	49	100	289	100	6,635	100	22,425	100										
b. Between 6 and 10 pages	wrmednum	0	None	14	29	79	27	2,303	35	7,511	34	2.5	2.5	.00	2.2	.08	2.3	.07
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	20	41	124	43	2,549	39	8,610	39							
		4	3-5	12	24	52	18	1,137	17	4,013	18							
		8	6-10	1	2	24	8	420	6	1,472	7							
		13	11-15	1	2	7	2	101	2	354	2							
		18	16-20	0	0	2	1	33	1	107	0							
		23	More than 20	1	2	0	0	48	1	124	1							
Total	49	100	288	100	6,591	100	22,191	100										

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Public		Masters		All Nat. Public			New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. 11 pages or more	wrlongnum	0	None	36	75	220	77	5,168	79	16,898	77	1.4	.8	.19	.8	.18	.9	.18
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	8	17	43	15	907	14	3,543	16							
		4	3-5	1	2	11	4	205	3	716	3							
		8	6-10	0	0	5	2	131	2	473	2							
		13	11-15	2	4	4	1	69	1	214	1							
		18	16-20	0	0	2	1	21	0	78	0							
		23	More than 20	1	2	0	0	45	1	126	1							
		Total	48	100	285	100	6,546	100	22,048	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.)										61.5	54.4	.10	49.9	.16	50.5	.16
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	1	2	18	6	294	4	933	4	3.1	3.0	.14	3.0	.08	3.1	.05
		2	Sometimes	10	20	74	26	1,702	25	5,583	25							
		3	Often	21	43	96	33	2,213	33	7,308	32							
		4	Very often	17	35	102	35	2,469	37	8,729	39							
		Total	49	100	290	100	6,678	100	22,553	100								
b. People from an economic background other than your own	DDeconomic	1	Never	1	2	21	7	321	5	939	4	3.1	2.9	.21	3.0	.08	3.0	.04
		2	Sometimes	11	22	78	27	1,656	25	5,442	24							
		3	Often	21	43	106	37	2,494	37	8,247	37							
		4	Very often	16	33	84	29	2,210	33	7,900	35							
		Total	49	100	289	100	6,681	100	22,528	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	5	10	29	10	425	6	1,275	6	2.8	2.8	-.04	3.0	-.20	3.0	-.25
		2	Sometimes	12	24	81	28	1,708	26	5,582	25							
		3	Often	21	43	95	33	2,273	34	7,535	33							
		4	Very often	11	22	84	29	2,268	34	8,131	36							
		Total	49	100	289	100	6,674	100	22,523	100								
d. People with political views other than your own	DDpolitical	1	Never	4	8	21	7	409	6	1,282	6	2.9	2.8	.09	2.9	-.03	3.0	-.05
		2	Sometimes	12	24	87	30	1,807	27	6,126	27							
		3	Often	17	35	97	34	2,218	33	7,281	32							
		4	Very often	16	33	82	29	2,242	34	7,826	35							
		Total	49	100	287	100	6,676	100	22,515	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Count	%	Count	%	Count	%		Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	0	0	4	1	103	2	395	2	3.0	3.1	-.16	3.0	-.11	3.1	-.12
		2	Sometimes	14	29	54	19	1,424	21	4,694	21							
		3	Often	23	47	145	51	3,233	48	10,808	48							
		4	Very often	12	24	84	29	1,915	29	6,628	29							
		Total	49	100	287	100	6,675	100	22,525	100								
b. Reviewed your notes after class	LSnotes	1	Never	4	8	15	5	337	5	1,241	6	2.6	2.9 *	-.33	2.9 *	-.29	2.8	-.26
		2	Sometimes	19	39	78	27	2,068	31	7,193	32							
		3	Often	18	37	117	41	2,452	37	7,936	35							
		4	Very often	8	16	77	27	1,820	27	6,156	27							
		Total	49	100	287	100	6,677	100	22,526	100								
c. Summarized what you learned in class or from course materials	LSummary	1	Never	3	6	15	5	435	7	1,511	7	2.6	2.8	-.26	2.7	-.20	2.8	-.21
		2	Sometimes	20	41	86	30	2,228	34	7,423	33							
		3	Often	21	43	135	47	2,593	39	8,578	38							
		4	Very often	5	10	52	18	1,393	21	4,933	22							
		Total	49	100	288	100	6,649	100	22,445	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	1	2	5	2	49	1	204	1	4.9	5.2	-.18	5.3 *	-.30	5.3 *	-.28
		2		1	2	4	1	92	1	348	2							
		3		5	10	16	6	316	5	1,167	5							
		4		8	16	39	14	950	14	3,125	14							
		5		20	41	119	41	2,424	36	7,957	35							
		6		6	12	57	20	1,626	24	5,569	25							
		7	Very much	8	16	48	17	1,211	18	4,137	18							
		Total	49	100	288	100	6,668	100	22,507	100								
11. Which of the following have you done or do you plan to do before you graduate? <sup>o</sup>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	3	6	64	22	1,219	18	3,804	17	0%	6%	-.51	5%	-.46	6%	-.50	
		Do not plan to do	4	8	10	3	431	6	1,364	6								
		Plan to do	42	86	196	68	4,675	70	15,967	71								
		Done or in progress	0	0	18	6	354	5	1,405	6								
		Total	49	100	288	100	6,679	100	22,540	100								
			(Means indicate the percentage who responded "Done or in progress.")															



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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with							
				Public		Masters		All Nat. Public			New England Public		Nat. Public Masters		All Nat. Public			
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	15	31	103	36	2,004	30	6,305	28	8%	11%	-.09	11%	-.10	11%	-.11
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	16	33	69	24	1,644	25	5,309	24								
	Plan to do	14	29	86	30	2,286	34	8,318	37									
	Done or in progress	4	8	31	11	731	11	2,571	11									
	Total	49	100	289	100	6,665	100	22,503	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	37	123	43	2,426	36	7,542	34	4%	8%	-.15	11%	-.28	13%	-.34
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	18	37	78	27	1,735	26	6,313	28								
	Plan to do	11	22	66	23	1,738	26	5,601	25									
	Done or in progress	2	4	22	8	761	11	3,013	13									
	Total	49	100	289	100	6,660	100	22,469	100									
d. Participate in a study abroad program	abroad		Have not decided	18	37	82	28	2,046	31	6,247	28	0%	2%	-.26	3%	-.32	3%	-.34
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	16	33	57	20	1,533	23	4,910	22								
	Plan to do	15	31	144	50	2,921	44	10,686	47									
	Done or in progress	0	0	5	2	173	3	661	3									
	Total	49	100	288	100	6,673	100	22,504	100									
e. Work with a faculty member on a research project	research		Have not decided	23	47	135	47	2,959	44	9,336	42	2%	3%	-.09	4%	-.09	4%	-.12
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	15	31	67	23	1,685	25	5,730	26								
	Plan to do	10	20	76	26	1,780	27	6,499	29									
	Done or in progress	1	2	10	3	237	4	904	4									
	Total	49	100	288	100	6,661	100	22,469	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	19	39	108	38	2,358	35	7,544	34	2%	3%	-.07	2%	.00	2%	-.01
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	6	12	23	8	654	10	2,228	10								
	Plan to do	23	47	145	51	3,506	53	12,220	54									
	Done or in progress	1	2	9	3	139	2	485	2									
	Total	49	100	285	100	6,657	100	22,477	100									

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

servcourse	1	None	30	61	167	58	3,302	50	11,509	51	1.6	1.5	.07	1.6	-.04	1.6	-.02
	2	Some	12	24	95	33	2,815	42	9,143	41							
	3	Most	5	10	23	8	464	7	1,499	7							
	4	All	2	4	3	1	81	1	307	1							
	Total		49	100	288	100	6,662	100	22,458	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with					
	New England Public		Nat. Public Masters										All Nat. Public					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	0	0	10	3	140	2	462	2	5.2	5.1	.09	5.2	-.02	5.3	-.05
		2		0	0	9	3	191	3	605	3							
		3		4	8	17	6	405	6	1,378	6							
		4		8	16	48	17	994	15	3,181	14							
		5		19	39	84	29	1,835	27	6,087	27							
		6		10	20	67	23	1,682	25	5,664	25							
		7	Excellent	8	16	51	18	1,377	21	4,986	22							
		—	Not applicable	0	0	3	1	67	1	195	1							
		Total		49	100	289	100	6,691	100	22,558	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	17	6	311	5	928	4	5.3	4.8	.28	5.0	.17	5.1	.13
		2		3	6	16	6	345	5	1,086	5							
		3		3	6	29	10	544	8	1,848	8							
		4		8	16	48	17	1,012	15	3,164	14							
		5		8	16	57	20	1,308	20	4,574	20							
		6		15	31	51	18	1,307	20	4,613	20							
		7	Excellent	12	24	64	22	1,621	24	5,697	25							
		—	Not applicable	0	0	6	2	228	3	603	3							
		Total		49	100	288	100	6,676	100	22,513	100							
c. Faculty	QIfaculty	1	Poor	0	0	10	3	165	2	490	2	5.2	5.0	.13	5.2	.05	5.2	.02
		2		2	4	9	3	220	3	680	3							
		3		2	4	22	8	421	6	1,398	6							
		4		13	27	40	14	998	15	3,233	14							
		5		9	18	92	32	1,784	27	5,936	26							
		6		11	22	57	20	1,678	25	5,994	27							
		7	Excellent	12	24	54	19	1,307	20	4,482	20							
		—	Not applicable	0	0	2	1	99	1	266	1							
		Total		49	100	286	100	6,672	100	22,479	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your first-year students compared with					
														New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	0	0	21	7	347	5	999	4	5.1	4.7	.25	4.9	.11	4.9	.09	
		2		2	4	17	6	301	5	1,041	5								
		3		2	4	24	8	486	7	1,644	7								
		4		10	20	40	14	972	15	3,314	15								
		5		13	27	53	19	1,447	22	4,820	21								
		6		10	20	47	16	1,284	19	4,547	20								
		7	Excellent	7	14	45	16	1,205	18	4,042	18								
		—	Not applicable	5	10	39	14	632	9	2,080	9								
		Total	49	100	286	100	6,674	100	22,487	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	1	2	20	7	340	5	1,068	5	4.8	4.5	.15	4.8	-.02	4.8	-.03	
		2		2	4	21	7	388	6	1,247	6								
		3		5	10	32	11	557	8	1,914	8								
		4		9	18	50	17	1,073	16	3,624	16								
		5		15	31	55	19	1,442	22	4,990	22								
		6		7	14	46	16	1,233	18	4,247	19								
		7	Excellent	6	12	42	15	1,168	17	3,749	17								
		—	Not applicable	4	8	21	7	478	7	1,693	8								
		Total	49	100	287	100	6,679	100	22,532	100									
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	2	6	2	123	2	456	2	2.7	2.9 *	-.34	3.0 ***	-.49	3.0 ***	-.49	
		2	Some	16	33	76	26	1,362	20	4,631	21								
		3	Quite a bit	30	61	141	49	3,317	50	10,947	49								
		4	Very much	2	4	66	23	1,872	28	6,486	29								
		Total	49	100	289	100	6,674	100	22,520	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	6	10	4	276	4	918	4	2.8	2.9	-.14	3.0	-.22	3.0	-.23	
		2	Some	10	20	79	28	1,531	23	5,088	23								
		3	Quite a bit	30	61	123	43	2,863	43	9,871	44								
		4	Very much	6	12	72	25	1,968	30	6,547	29								
		Total	49	100	284	100	6,638	100	22,424	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	5	10	15	5	412	6	1,483	7	2.7	3.0 *	-.33	3.0 *	-.34	3.0 *	-.31	
		2	Some	11	22	61	21	1,293	19	4,442	20								
		3	Quite a bit	25	51	117	40	2,575	39	8,829	39								
		4	Very much	8	16	96	33	2,386	36	7,722	34								
		Total	49	100	289	100	6,666	100	22,476	100									

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Public	Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	2	4	29	10	700	11	2,294	10	2.8	2.7	.03	2.8	-.02	2.8	-.03
		2	Some	15	31	90	31	1,858	28	6,296	28							
		3	Quite a bit	24	50	101	35	2,377	36	7,989	36							
		4	Very much	7	15	69	24	1,725	26	5,899	26							
		Total	48	100	289	100	6,660	100	22,478	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	4	19	7	369	6	1,234	5	2.9	2.9	.02	3.0	-.07	3.0	-.07
		2	Some	10	20	70	24	1,534	23	5,286	24							
		3	Quite a bit	28	57	126	44	2,781	42	9,205	41							
		4	Very much	9	18	74	26	1,990	30	6,766	30							
		Total	49	100	289	100	6,674	100	22,491	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	8	20	7	441	7	1,424	6	2.9	2.8	.07	2.9	-.07	2.9	-.08
		2	Some	8	16	85	29	1,578	24	5,392	24							
		3	Quite a bit	28	57	118	41	2,756	41	9,135	41							
		4	Very much	9	18	66	23	1,895	28	6,532	29							
		Total	49	100	289	100	6,670	100	22,483	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	6	13	58	20	1,419	21	4,964	22	2.5	2.4	.13	2.4	.15	2.3	.18
		2	Some	17	35	109	38	2,409	36	8,330	37							
		3	Quite a bit	20	42	75	26	1,870	28	6,160	27							
		4	Very much	5	10	46	16	961	14	3,027	13							
		Total	48	100	288	100	6,659	100	22,481	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	4	8	23	8	551	8	1,745	8	2.9	2.8	.08	2.8	.05	2.8	.02
		2	Some	12	24	87	30	1,809	27	5,917	26							
		3	Quite a bit	20	41	109	38	2,635	40	8,973	40							
		4	Very much	13	27	70	24	1,672	25	5,840	26							
		Total	49	100	289	100	6,667	100	22,475	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	7	14	32	11	883	13	2,947	13	2.6	2.6	-.09	2.6	-.05	2.6	-.04
		2	Some	16	33	98	34	2,237	34	7,504	33							
		3	Quite a bit	18	37	101	35	2,226	33	7,754	35							
		4	Very much	8	16	57	20	1,317	20	4,260	19							
		Total	49	100	288	100	6,663	100	22,465	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>																				
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with																			
	New England Public		Nat. Public Masters										All Nat. Public																			
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>														
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs <i>(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	1 7 13 13 8 5 2 0 49	2 14 27 27 16 10 4 0 100	2 51 84 67 47 22 6 9 288	1 18 29 23 16 8 2 3 100	33 1,079 1,822 1,538 1,169 591 232 215 6,679	0 16 27 23 18 9 3 3 100	129 3,527 5,763 5,056 4,014 2,156 948 952 22,545	1 16 26 22 18 10 4 4 100	12.4	12.2	.03	12.9	-.06	13.4	-.12														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	13 20 7 4 4 0 0 1 49	27 41 14 8 8 0 0 2 100	112 96 34 22 19 3 2 0 288	39 33 12 8 7 1 1 0 100	2,430 2,064 991 565 325 145 63 71 6,654	37 31 15 8 5 2 1 1 100	7,659 7,231 3,496 1,969 1,132 505 191 280 22,463	34 32 16 9 5 2 1 1 100								5.6	4.6	.17	5.2	.05	5.4	.02							
c. Working for pay on campus	tmworkonhrs <i>(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	37 3 3 4 2 0 0 0 49	76 6 6 8 4 0 0 0 100	215 21 22 16 9 4 1 0 288	75 7 8 6 3 3 1 0 100	5,399 231 352 329 230 87 13 26 6,667	81 3 5 5 3 1 0 0 100	18,028 757 1,296 1,140 768 291 58 163 22,501	80 3 6 5 3 1 0 1 100															2.5	2.5	-.01	2.3	.04	2.4	.00

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					New England Public		Nat. Public Masters		All Nat. Public			Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	32	65	138	48	4,370	66	15,239	68	4.3	7.3 *	-.33	5.7	-.15	5.4	-.12
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	10	28	10	302	5	978	4							
	8	6-10 hrs	2	4	33	11	338	5	1,125	5								
	13	11-15 hrs	4	8	31	11	444	7	1,287	6								
	18	16-20 hrs	4	8	16	6	471	7	1,427	6								
	23	21-25 hrs	0	0	24	8	339	5	1,002	4								
	28	26-30 hrs	2	4	11	4	171	3	621	3								
	33	More than 30 hrs	0	0	6	2	232	3	823	4								
	Total		49	100	287	100	6,667	100	22,502	100								
Estimated number of hours working for pay	tmworkhrs  (Continuous variable created by NSSE)											6.8	9.8	-.30	8.0	-.11	7.8	-.09
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	38	78	193	67	4,123	62	13,643	61	1.0	1.7	-.21	2.3 ***	-.29	2.4 ***	-.30
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	18	68	24	1,737	26	6,116	27							
	8	6-10 hrs	1	2	16	6	381	6	1,345	6								
	13	11-15 hrs	1	2	6	2	215	3	664	3								
	18	16-20 hrs	0	0	1	0	109	2	368	2								
	23	21-25 hrs	0	0	2	1	53	1	186	1								
	28	26-30 hrs	0	0	0	0	6	0	40	0								
	33	More than 30 hrs	0	0	0	0	37	1	108	0								
	Total		49	100	286	100	6,661	100	22,470	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	6	2	129	2	467	2	15.3	12.1 *	.36	12.9	.27	12.9	.28
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	14	68	24	1,371	21	4,351	19							
	8	6-10 hrs	12	24	77	27	1,676	25	5,853	26								
	13	11-15 hrs	9	18	54	19	1,349	20	4,579	20								
	18	16-20 hrs	9	18	31	11	913	14	3,229	14								
	23	21-25 hrs	3	6	22	8	491	7	1,605	7								
	28	26-30 hrs	2	4	8	3	206	3	692	3								
	33	More than 30 hrs	7	14	20	7	532	8	1,711	8								
	Total		49	100	286	100	6,667	100	22,487	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with					
													New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	39	81	192	67	5,004	75	17,592	78	1.6	3.0	-.22	2.5	-.14	2.2	-.10
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	10	45	16	751	11	2,168	10							
	8	6-10 hrs	2	4	22	8	340	5	975	4								
	13	11-15 hrs	1	2	14	5	214	3	629	3								
	18	16-20 hrs	0	0	3	1	123	2	391	2								
	23	21-25 hrs	0	0	5	2	69	1	213	1								
	28	26-30 hrs	0	0	1	0	32	0	84	0								
	33	More than 30 hrs	1	2	5	2	118	2	402	2								
	Total		48	100	287	100	6,651	100	22,454	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	28	57	128	44	2,586	39	8,974	40	2.3	4.2 ** ▼	-.31	4.3 *** ▼	-.32	4.1 ** ▽	-.30
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	31	87	30	2,419	36	8,258	37							
	8	6-10 hrs	3	6	39	13	881	13	2,881	13								
	13	11-15 hrs	2	4	18	6	385	6	1,181	5								
	18	16-20 hrs	1	2	8	3	182	3	547	2								
	23	21-25 hrs	0	0	3	1	95	1	282	1								
	28	26-30 hrs	0	0	2	1	30	0	93	0								
	33	More than 30 hrs	0	0	4	1	87	1	302	1								
	Total		49	100	289	100	6,665	100	22,518	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	4	8	23	8	633	9	2,336	10	2.9	2.9	.02	2.9	-.01	2.9	.01
		2	Some	15	31	89	31	1,955	29	6,661	30							
		3	About half	15	31	96	33	2,031	30	6,749	30							
		4	Most	12	24	61	21	1,496	22	4,877	22							
		5	Almost all	3	6	19	7	556	8	1,893	8							
		Total		49	100	288	100	6,671	100	22,516	100							
tmreadinghrs												6.4	6.1	.06	6.5	-.01	6.6	-.03
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
												New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	1	2	2	1	33	0	128	1	2.7	2.8	-.12	2.8	-.16	2.8	-.11
	2	More than zero, up to 5 hrs	25	51	156	54	3,379	51	11,272	50								
	3	More than 5, up to 10 hrs	15	31	84	29	2,006	30	6,680	30								
	4	More than 10, up to 15 hrs	3	6	16	6	631	9	2,237	10								
	5	More than 15, up to 20 hrs	3	6	21	7	339	5	1,163	5								
	6	More than 20, up to 25 hrs	1	2	6	2	178	3	701	3								
	7	More than 25 hrs	1	2	2	1	84	1	268	1								
	Total		49	100	287	100	6,650	100	22,449	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	5	10	18	6	379	6	1,595	7	2.7	2.8	-.12	2.8	-.16	2.8	-.11
2	Some	11	22	78	27	1,754	26	6,194	28									
3	Quite a bit	26	53	134	46	3,037	46	9,571	43									
4	Very much	7	14	60	21	1,498	22	5,140	23									
Total		49	100	290	100	6,668	100	22,500	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	5	10	22	8	560	8	2,505	11	2.6	2.7	-.12	2.7	-.13	2.7	-.03
2	Some	14	29	91	31	1,975	30	7,060	31									
3	Quite a bit	24	49	117	40	2,738	41	8,466	38									
4	Very much	6	12	59	20	1,391	21	4,473	20									
Total		49	100	289	100	6,664	100	22,504	100									
c. Thinking critically and analytically	pgthink	1	Very little	5	10	14	5	240	4	919	4	2.8	3.0	-.18	3.0	-.27	3.0	-.26
2	Some	10	20	66	23	1,425	21	4,817	21									
3	Quite a bit	24	49	129	45	2,990	45	9,851	44									
4	Very much	10	20	80	28	2,018	30	6,905	31									
Total		49	100	289	100	6,673	100	22,492	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	6	12	48	17	1,220	18	4,416	20	2.5	2.4	.16	2.4	.12	2.4	.13
2	Some	17	35	124	43	2,489	37	8,135	36									
3	Quite a bit	21	43	80	28	2,051	31	6,804	30									
4	Very much	5	10	37	13	917	14	3,171	14									
Total		49	100	289	100	6,677	100	22,526	100									



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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with						
					Public	Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	8	16	44	15	1,104	17	3,873	17	2.6	2.4	.12	2.5	.08	2.5	.07
		2	Some	13	27	113	39	2,364	35	7,739	34							
		3	Quite a bit	21	43	92	32	2,117	32	7,095	32							
		4	Very much	7	14	39	14	1,095	16	3,808	17							
		Total	49	100	288	100	6,680	100	22,515	100								
f. Working effectively with others	pgothers	1	Very little	6	12	25	9	479	7	1,818	8	2.7	2.8	-.11	2.8	-.11	2.8	-.07
		2	Some	11	22	74	26	1,948	29	6,830	30							
		3	Quite a bit	24	49	124	43	2,745	41	8,868	39							
		4	Very much	8	16	65	23	1,499	22	4,991	22							
		Total	49	100	288	100	6,671	100	22,507	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	8	16	42	15	788	12	2,885	13	2.6	2.6	-.07	2.7	-.14	2.7	-.12
		2	Some	12	24	84	29	1,951	29	6,640	29							
		3	Quite a bit	23	47	104	36	2,558	38	8,228	37							
		4	Very much	6	12	59	20	1,378	21	4,764	21							
		Total	49	100	289	100	6,675	100	22,517	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	8	30	10	580	9	2,032	9	2.7	2.9	-.17	2.8	-.16	2.8	-.13
		2	Some	14	29	63	22	1,723	26	6,025	27							
		3	Quite a bit	24	49	115	40	2,568	38	8,463	38							
		4	Very much	7	14	80	28	1,806	27	6,013	27							
		Total	49	100	288	100	6,677	100	22,533	100								
i. Solving complex real- world problems	pgprobsolve	1	Very little	5	10	41	14	888	13	2,995	13	2.6	2.6	-.06	2.6	-.03	2.6	-.03
		2	Some	18	37	82	28	2,241	34	7,678	34							
		3	Quite a bit	20	41	114	40	2,312	35	7,629	34							
		4	Very much	6	12	51	18	1,232	18	4,202	19							
		Total	49	100	288	100	6,673	100	22,504	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	6	13	29	10	695	10	2,483	11	2.6	2.7	-.15	2.7	-.11	2.7	-.10
		2	Some	14	29	76	26	2,052	31	6,892	31							
		3	Quite a bit	21	44	125	43	2,457	37	7,961	35							
		4	Very much	7	15	59	20	1,461	22	5,118	23							
		Total	48	100	289	100	6,665	100	22,454	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### First-Year Students<sup>a</sup> in Arts and Sciences

First-Year Students <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	New England Public		Nat. Public Masters		All Nat. Public	
													Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	1	2	11	4	153	2	543	2	2.9	2.9	.00	3.1	-.23	3.1	-.28
		2	Fair	11	23	56	20	995	15	3,183	14							
		3	Good	25	53	161	56	3,518	53	11,353	50							
		4	Excellent	10	21	59	21	2,014	30	7,461	33							
		Total		47	100	287	100	6,680	100	22,540	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	1	2	21	7	291	4	975	4	3.2	2.9	.30	3.1	.04	3.2	.00
		2	Probably no	7	14	62	22	977	15	3,122	14							
		3	Probably yes	24	49	128	44	2,984	45	9,680	43							
		4	Definitely yes	17	35	77	27	2,438	36	8,792	39							
		Total		49	100	288	100	6,690	100	22,569	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with					
	New England Public		Nat. Public Masters										All Nat. Public					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	0	0	8	2	169	2	555	2	3.1	3.3	-.21	3.2	-.14	3.2	-.13
		2	Sometimes	13	24	84	18	2,129	22	6,976	22							
		3	Often	24	44	145	32	2,948	30	9,631	31							
		4	Very often	18	33	220	48	4,518	46	14,363	46							
		Total		55	100	457	100	9,764	100	31,525	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	13	24	86	19	1,801	18	6,113	19	2.2	2.5	-.23	2.5	-.25	2.4	-.23
		2	Sometimes	23	42	170	37	3,488	36	11,199	36							
		3	Often	13	24	108	24	2,495	26	8,016	26							
		4	Very often	6	11	92	20	1,955	20	6,099	19							
		Total		55	100	456	100	9,739	100	31,427	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	4	7	23	5	566	6	1,970	6	2.8	3.1 ** ▼	-.39	3.0 * ▼	-.29	3.0	-.26
		2	Often	12	22	55	12	1,311	13	4,436	14							
		3	Sometimes	32	58	247	54	5,568	57	17,648	56							
		4	Never	7	13	132	29	2,311	24	7,401	24							
		Total		55	100	457	100	9,756	100	31,455	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	15	27	192	42	3,442	35	11,054	35	2.1	1.9	.22	2.0	.10	2.0	.09
		2	Sometimes	24	44	155	34	3,705	38	11,876	38							
		3	Often	10	18	61	13	1,476	15	4,949	16							
		4	Very often	6	11	46	10	1,130	12	3,595	11							
		Total		55	100	454	100	9,753	100	31,474	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	9	16	77	17	1,549	16	5,139	16	2.4	2.2	.19	2.3	.05	2.3	.06
		2	Sometimes	23	42	237	52	4,491	46	14,559	46							
		3	Often	16	29	106	23	2,567	26	8,172	26							
		4	Very often	7	13	36	8	1,154	12	3,640	12							
		Total		55	100	456	100	9,761	100	31,510	100							
f. Explained course material to one or more students	CLexplain	1	Never	3	5	27	6	519	5	1,836	6	2.7	2.7	.08	2.7	.02	2.7	.05
		2	Sometimes	21	38	178	39	3,572	37	11,779	37							
		3	Often	18	33	167	37	3,709	38	11,706	37							
		4	Very often	13	24	85	19	1,960	20	6,174	20							
		Total		55	100	457	100	9,760	100	31,495	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your seniors compared with					
						Public		Masters						New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	12	22	102	22	1,890	19	6,515	21	2.3	2.3	-.01	2.4	-.11	2.4	-.08	
		2	Sometimes	21	38	180	39	3,742	38	11,984	38								
		3	Often	17	31	121	26	2,629	27	8,323	26								
		4	Very often	5	9	54	12	1,497	15	4,677	15								
		Total	55	100	457	100	9,758	100	31,499	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	4	7	34	7	712	7	2,507	8	2.7	2.6	.09	2.7	-.04	2.7	.00	
		2	Sometimes	18	33	196	43	3,443	35	11,395	36								
		3	Often	24	44	141	31	3,446	35	10,836	34								
		4	Very often	9	16	86	19	2,161	22	6,769	21								
		Total	55	100	457	100	9,762	100	31,507	100									
i. Given a course presentation	present	1	Never	2	4	31	7	900	9	3,194	10	2.9	2.8	.12	2.8	.08	2.7	.15	
		2	Sometimes	16	29	156	34	2,966	30	10,160	32								
		3	Often	25	45	165	36	3,335	34	10,522	33								
		4	Very often	12	22	105	23	2,567	26	7,644	24								
		Total	55	100	457	100	9,768	100	31,520	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	4	17	4	319	3	1,065	3	2.7	2.9 *	-.32	3.0 **	-.41	3.0 **	-.40	
		2	Sometimes	22	40	130	28	2,450	25	7,905	25								
		3	Often	24	44	184	40	3,942	40	12,727	40								
		4	Very often	7	13	126	28	3,044	31	9,792	31								
		Total	55	100	457	100	9,755	100	31,489	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	4	26	6	391	4	1,390	4	2.7	2.9	-.25	3.0 **	-.38	3.0 **	-.36	
		2	Sometimes	21	38	127	28	2,389	24	7,740	25								
		3	Often	24	44	162	36	3,599	37	11,632	37								
		4	Very often	8	15	140	31	3,376	35	10,700	34								
		Total	55	100	455	100	9,755	100	31,462	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	3	5	34	7	539	6	1,853	6	2.8	2.9	-.08	2.9	-.15	2.9	-.14	
		2	Sometimes	20	36	126	28	2,715	28	8,666	28								
		3	Often	17	31	159	35	3,341	34	10,946	35								
		4	Very often	15	27	138	30	3,170	32	10,014	32								
		Total	55	100	457	100	9,765	100	31,479	100									

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Public	Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	2	4	17	4	311	3	981	3	2.8	2.9	-.17	3.0	-.25	3.0	-.25
		2	Sometimes	20	36	117	26	2,323	24	7,595	24							
		3	Often	21	38	207	45	4,336	44	13,845	44							
		4	Very often	12	22	116	25	2,794	29	9,060	29							
		Total	55	100	457	100	9,764	100	31,481	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	1	2	7	2	173	2	604	2	3.1	3.0	.11	3.1	-.01	3.1	-.01
		2	Sometimes	10	18	114	25	2,002	21	6,497	21							
		3	Often	27	49	203	45	4,279	44	13,671	43							
		4	Very often	17	31	132	29	3,305	34	10,698	34							
		Total	55	100	456	100	9,759	100	31,470	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	4	7	2	167	2	554	2	2.9	2.9	-.05	3.0	-.16	3.0	-.15
		2	Sometimes	13	24	132	29	2,383	24	7,731	25							
		3	Often	28	51	197	43	4,142	42	13,412	43							
		4	Very often	12	22	121	26	3,058	31	9,736	31							
		Total	55	100	457	100	9,750	100	31,433	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	4	1	79	1	277	1	3.1	3.2	-.13	3.3	-.24	3.3	-.23
		2	Sometimes	9	17	74	16	1,299	13	4,332	14							
		3	Often	31	57	211	46	4,336	45	13,861	44							
		4	Very often	14	26	166	36	4,029	41	12,929	41							
		Total	54	100	455	100	9,743	100	31,399	100								
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	9	16	72	16	1,527	16	5,213	17	2.6	2.5	.08	2.5	.12	2.5	.16
		2	Sometimes	13	24	160	35	3,770	39	12,568	40							
		3	Often	23	42	127	28	2,495	26	7,726	25							
		4	Very often	10	18	96	21	1,958	20	5,952	19							
		Total	55	100	455	100	9,750	100	31,459	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	20	36	202	44	3,909	40	13,112	42	2.1	2.0	.17	2.0	.13	2.0	.17
		2	Sometimes	14	25	122	27	3,013	31	9,684	31							
		3	Often	14	25	74	16	1,583	16	4,884	16							
		4	Very often	7	13	57	13	1,232	13	3,735	12							
		Total	55	100	455	100	9,737	100	31,415	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Your seniors compared with						
												Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	9	16	109	24	2,142	22	7,446	24	2.3	2.3	.01	2.3	.01	2.2	.05
		2	Sometimes	27	49	181	40	4,008	41	12,956	41							
		3	Often	13	24	95	21	2,253	23	6,913	22							
		4	Very often	6	11	72	16	1,333	14	4,101	13							
		Total	55	100	457	100	9,736	100	31,416	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	5	9	77	17	1,811	19	6,388	20	2.5	2.4	.14	2.3	.23	2.3 *	.28
		2	Sometimes	24	44	196	43	4,268	44	13,839	44							
		3	Often	18	33	109	24	2,415	25	7,392	24							
		4	Very often	8	15	74	16	1,239	13	3,790	12							
		Total	55	100	456	100	9,733	100	31,409	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	8	15	52	11	902	9	3,124	10	2.4	2.5	-.05	2.6	-.25	2.6	-.24
		2	Some	23	43	193	42	3,396	35	10,843	34							
		3	Quite a bit	15	28	159	35	3,733	38	11,936	38							
		4	Very much	8	15	54	12	1,730	18	5,581	18							
		Total	54	100	458	100	9,761	100	31,484	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	4	17	4	367	4	1,263	4	2.7	2.9	-.28	3.0 **	-.36	3.0 **	-.35
		2	Some	18	33	114	25	2,162	22	6,905	22							
		3	Quite a bit	29	53	209	46	4,274	44	13,863	44							
		4	Very much	6	11	117	26	2,956	30	9,417	30							
		Total	55	100	457	100	9,759	100	31,448	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	4	18	4	320	3	1,075	3	2.7	3.0 *	-.35	3.1 **	-.44	3.1 **	-.44
		2	Some	19	35	107	23	2,032	21	6,420	20							
		3	Quite a bit	27	49	189	41	4,041	41	13,124	42							
		4	Very much	7	13	143	31	3,348	34	10,800	34							
		Total	55	100	457	100	9,741	100	31,419	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	2	18	4	312	3	1,118	4	2.7	3.0 *	-.36	3.1 **	-.40	3.1 **	-.39
		2	Some	18	33	86	19	1,939	20	6,221	20							
		3	Quite a bit	30	55	218	48	4,239	43	13,432	43							
		4	Very much	6	11	136	30	3,260	33	10,646	34							
		Total	55	100	458	100	9,750	100	31,417	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Public		Masters		All Nat. Public			New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	2	13	3	338	3	1,118	4	2.8	3.0	-.24	3.0 *	-.31	3.0 *	-.31
		2	Some	21	38	114	25	2,083	21	6,693	21							
		3	Quite a bit	22	40	199	44	4,236	43	13,577	43							
		4	Very much	11	20	130	29	3,101	32	10,036	32							
		Total	55	100	456	100	9,758	100	31,424	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	2	4	7	2	171	2	609	2	2.9	3.2 *	-.35	3.2 **	-.36	3.2 *	-.33
		2	Some	13	24	64	14	1,451	15	4,954	16							
		3	Quite a bit	26	47	213	47	4,201	43	13,601	43							
		4	Very much	14	25	173	38	3,942	40	12,339	39							
		Total	55	100	457	100	9,765	100	31,503	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	5	9	8	2	251	3	887	3	2.9	3.1 *	-.32	3.2 *	-.33	3.1 *	-.29
		2	Some	11	20	87	19	1,638	17	5,548	18							
		3	Quite a bit	24	44	192	42	4,244	44	13,871	44							
		4	Very much	15	27	170	37	3,623	37	11,164	35							
		Total	55	100	457	100	9,756	100	31,470	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	5	9	8	2	286	3	1,007	3	2.8	3.2 ***	-.49	3.2 ***	-.51	3.1 ***	-.45
		2	Some	15	27	83	18	1,632	17	5,748	18							
		3	Quite a bit	23	42	199	43	3,927	40	12,810	41							
		4	Very much	12	22	168	37	3,909	40	11,891	38							
		Total	55	100	458	100	9,754	100	31,456	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	7	13	28	6	728	7	2,539	8	2.7	2.9	-.23	3.0	-.24	2.9	-.19
		2	Some	16	29	112	25	2,316	24	7,983	25							
		3	Quite a bit	17	31	179	39	3,397	35	10,810	34							
		4	Very much	15	27	137	30	3,314	34	10,134	32							
		Total	55	100	456	100	9,755	100	31,466	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	7	13	25	5	568	6	2,058	7	2.6	2.9	-.26	2.9 *	-.30	2.9	-.26
		2	Some	16	30	123	27	2,551	26	8,449	27							
		3	Quite a bit	20	37	194	43	3,812	39	12,115	39							
		4	Very much	11	20	113	25	2,813	29	8,770	28							
		Total	54	100	455	100	9,744	100	31,392	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Count	%	Count	%	Count	%		Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	14	26	108	24	1,846	19	5,984	19	2.2	2.3	-.11	2.4	-.19	2.4	-.20
		2	Sometimes	19	35	157	34	3,665	38	11,746	37							
		3	Often	17	31	134	29	2,830	29	9,069	29							
		4	Very often	4	7	57	13	1,399	14	4,626	15							
		Total	54	100	456	100	9,740	100	31,425	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	15	27	124	27	2,310	24	7,308	23	2.1	2.2	-.12	2.3	-.18	2.3	-.20
		2	Sometimes	25	45	169	37	3,800	39	11,974	38							
		3	Often	10	18	106	23	2,354	24	7,874	25							
		4	Very often	5	9	57	13	1,264	13	4,236	13							
		Total	55	100	456	100	9,728	100	31,392	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	15	27	131	29	2,230	23	7,053	22	2.1	2.1	-.08	2.3	-.20	2.3	-.22
		2	Sometimes	24	44	167	37	3,922	40	12,427	40							
		3	Often	13	24	120	26	2,456	25	8,164	26							
		4	Very often	3	5	39	9	1,150	12	3,807	12							
		Total	55	100	457	100	9,758	100	31,451	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum  (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	4	7	17	4	404	4	1,505	5	8.4	9.1	-.10	8.2	.03	8.0	.06
		1.5	1-2	1	2	50	11	1,473	15	4,871	16							
		4	3-5	17	31	123	27	2,755	28	8,876	28							
		8	6-10	16	29	111	25	2,344	24	7,509	24							
		13	11-15	12	22	56	12	1,137	12	3,570	11							
		18	16-20	1	2	49	11	642	7	1,988	6							
		23	More than 20	4	7	46	10	914	9	2,844	9							
		Total	55	100	452	100	9,669	100	31,163	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	10	18	67	15	1,701	18	6,014	19	3.8	4.6	-.17	3.9	-.03	3.8	.01
		1.5	1-2	16	29	136	30	3,186	33	10,219	33							
		4	3-5	17	31	123	27	2,700	28	8,583	28							
		8	6-10	10	18	73	16	1,329	14	4,041	13							
		13	11-15	1	2	30	7	414	4	1,251	4							
		18	16-20	0	0	14	3	168	2	440	1							
		23	More than 20	1	2	6	1	145	2	446	1							
		Total	55	100	449	100	9,643	100	30,994	100								



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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with					
													New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. 11 pages or more	wrlongnum	0	None	24	44	167	37	4,019	42	13,368	43	2.1	2.1	.01	2.0	.04	1.9	.07
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	20	36	180	40	3,675	38	11,707	38							
		4	3-5	5	9	76	17	1,194	12	3,662	12							
		8	6-10	3	5	14	3	394	4	1,148	4							
		13	11-15	2	4	10	2	145	2	502	2							
		18	16-20	1	2	4	1	84	1	197	1							
		23	More than 20	0	0	3	1	100	1	334	1							
		Total		55	100	454	100	9,611	100	30,918	100							
Estimated number of assigned pages of student writing.	wrpages											87.7	95.2	-.08	85.2	.03	81.9	.07
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	3	5	11	2	358	4	1,247	4	3.0	3.0	-.03	3.1	-.14	3.1	-.12
		2	Sometimes	15	27	127	28	2,129	22	7,064	22							
		3	Often	15	27	151	33	3,037	31	9,653	31							
		4	Very often	22	40	169	37	4,236	43	13,543	43							
		Total		55	100	458	100	9,760	100	31,507	100							
b. People from an economic background other than your own	DDeconomic	1	Never	2	4	10	2	347	4	1,163	4	3.0	3.0	-.03	3.1	-.09	3.1	-.09
		2	Sometimes	16	29	110	24	2,163	22	6,932	22							
		3	Often	16	29	188	41	3,433	35	11,098	35							
		4	Very often	21	38	149	33	3,802	39	12,256	39							
		Total		55	100	457	100	9,745	100	31,449	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	4	7	20	4	496	5	1,573	5	3.0	2.9	.06	3.0	-.04	3.0	-.05
		2	Sometimes	10	18	131	29	2,356	24	7,496	24							
		3	Often	23	42	160	35	3,149	32	10,239	33							
		4	Very often	18	33	145	32	3,744	38	12,136	39							
		Total		55	100	456	100	9,745	100	31,444	100							
d. People with political views other than your own	DDpolitical	1	Never	1	2	19	4	460	5	1,571	5	3.2	2.9 * ▲	.32	3.0	.20	3.0	.19
		2	Sometimes	10	18	146	32	2,679	28	8,419	27							
		3	Often	22	40	151	33	3,011	31	9,737	31							
		4	Very often	22	40	138	30	3,588	37	11,697	37							
		Total		55	100	454	100	9,738	100	31,424	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with					
	New England Public		Nat. Public Masters										All Nat. Public					
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	0	0	10	2	170	2	671	2	3.0	3.1	-.16	3.2	-.23	3.2	-.23
		2	Sometimes	14	25	81	18	1,611	17	5,139	16							
		3	Often	26	47	198	43	4,083	42	13,033	41							
		4	Very often	15	27	167	37	3,878	40	12,605	40							
		Total	55	100	456	100	9,742	100	31,448	100								
b. Reviewed your notes after class	LSnotes	1	Never	5	9	33	7	713	7	2,486	8	2.8	2.8	.05	2.8	.01	2.8	.03
		2	Sometimes	13	24	153	33	3,095	32	10,012	32							
		3	Often	23	42	146	32	3,111	32	10,020	32							
		4	Very often	14	25	125	27	2,836	29	8,947	28							
		Total	55	100	457	100	9,755	100	31,465	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	4	29	6	661	7	2,195	7	2.8	2.8	-.01	2.8	-.04	2.8	-.03
		2	Sometimes	17	31	133	29	2,872	30	9,313	30							
		3	Often	26	47	192	42	3,568	37	11,504	37							
		4	Very often	10	18	104	23	2,612	27	8,346	27							
		Total	55	100	458	100	9,713	100	31,358	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	2	4	5	1	95	1	366	1	5.0	5.4 *	-.34	5.6 **	-.44	5.5 **	-.39
		2		2	4	8	2	134	1	501	2							
		3		1	2	21	5	406	4	1,312	4							
		4		9	16	48	11	980	10	3,406	11							
		5		23	42	145	32	2,825	29	9,339	30							
		6		11	20	126	28	2,617	27	8,232	26							
		7	Very much	7	13	102	22	2,671	27	8,247	26							
		Total	55	100	455	100	9,728	100	31,403	100								
11. Which of the following have you done or do you plan to do before you graduate? <sup>o</sup>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		5	9	39	9	1,153	12	3,591	11	51%	46%	.09	44%	.13	46%	.10
		Do not plan to do		8	15	98	21	1,898	19	6,239	20							
		Plan to do		14	25	107	23	2,376	24	7,205	23							
		Done or in progress		28	51	212	46	4,328	44	14,470	46							
		Total		55	100	456	100	9,755	100	31,505	100							
(Means indicate the percentage who responded "Done or in progress.")																		

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with							
				Public	Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	7	13	57	12	1,216	12	3,448	11	33%	31%	.04	34%	-.04	36%	-.07
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	24	44	234	51	4,452	46	14,424	46								
	Plan to do	6	11	26	6	732	8	2,273	7									
	Done or in progress	18	33	141	31	3,354	34	11,311	36									
	Total	55	100	458	100	9,754	100	31,456	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	6	11	76	17	1,492	15	4,360	14	13%	18%	-.15	21%	-.22	21%	-.23
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	35	64	258	56	5,293	54	17,605	56								
	Plan to do	7	13	41	9	927	10	2,735	9									
	Done or in progress	7	13	82	18	2,027	21	6,717	21									
	Total	55	100	457	100	9,739	100	31,417	100									
d. Participate in a study abroad program	abroad		Have not decided	7	13	51	11	1,339	14	3,910	12	9%	11%	-.07	13%	-.12	15%	-.19
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	36	67	321	70	6,336	65	20,161	64								
	Plan to do	6	11	32	7	796	8	2,562	8									
	Done or in progress	5	9	52	11	1,279	13	4,815	15									
	Total	54	100	456	100	9,750	100	31,448	100									
e. Work with a faculty member on a research project	research		Have not decided	7	13	74	16	1,715	18	4,921	16	22%	22%	.00	21%	.02	22%	-.01
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	32	58	236	52	4,819	49	15,733	50								
	Plan to do	4	7	48	11	1,179	12	3,776	12									
	Done or in progress	12	22	99	22	2,027	21	6,983	22									
	Total	55	100	457	100	9,740	100	31,413	100									
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	1	2	39	9	894	9	2,827	9	59%	54%	.11	50%	.19	49%	.21
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	14	26	91	20	1,838	19	6,554	21								
	Plan to do	7	13	82	18	2,154	22	6,774	22									
	Done or in progress	32	59	246	54	4,867	50	15,296	49									
	Total	54	100	458	100	9,753	100	31,451	100									

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

servcourse	1	None	25	46	194	42	3,768	39	13,196	42	1.7	1.7	.09	1.7	.01	1.7	.07
	2	Some	19	35	222	48	4,951	51	15,276	49							
	3	Most	9	17	36	8	853	9	2,453	8							
	4	All	1	2	6	1	170	2	504	2							
	Total		54	100	458	100	9,742	100	31,429	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors<sup>a</sup> in Arts and Sciences

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your seniors compared with					
		New England Public												Nat. Public Masters		All Nat. Public			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	2	4	5	1	139	1	499	2	5.3	5.4	-.02	5.5	-.12	5.5	-.09	
		2		1	2	7	2	177	2	614	2								
		3		4	7	34	7	479	5	1,565	5								
		4		11	20	66	14	1,162	12	3,821	12								
		5		8	15	112	24	2,464	25	7,997	25								
		6		8	15	121	26	2,558	26	8,197	26								
		7	Excellent	20	37	110	24	2,698	28	8,458	27								
		—	Not applicable	0	0	3	1	92	1	370	1								
		Total	54	100	458	100	9,769	100	31,521	100									
b. Academic advisors	QIadvisor	1	Poor	3	6	18	4	474	5	1,597	5	5.3	5.2	.08	5.2	.07	5.1	.10	
		2		6	11	25	5	477	5	1,635	5								
		3		1	2	40	9	721	7	2,448	8								
		4		5	9	60	13	1,225	13	4,170	13								
		5		8	15	80	17	1,814	19	5,919	19								
		6		8	15	93	20	1,869	19	5,953	19								
		7	Excellent	23	43	137	30	3,006	31	9,311	30								
		—	Not applicable	0	0	5	1	182	2	470	1								
		Total	54	100	458	100	9,768	100	31,503	100									
c. Faculty	QIfaculty	1	Poor	1	2	6	1	136	1	515	2	5.4	5.6	-.14	5.6	-.18	5.6	-.13	
		2		2	4	12	3	176	2	661	2								
		3		3	6	16	4	416	4	1,372	4								
		4		9	17	55	12	979	10	3,334	11								
		5		11	20	88	19	2,036	21	6,890	22								
		6		10	19	148	32	2,922	30	9,177	29								
		7	Excellent	18	33	131	29	3,015	31	9,292	30								
		—	Not applicable	0	0	0	0	60	1	198	1								
		Total	54	100	456	100	9,740	100	31,439	100									

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your seniors compared with					
		New England Public												Nat. Public Masters		All Nat. Public			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	5	9	25	5	523	5	1,763	6	4.7	4.7	-.01	4.9	-.11	4.8	-.08	
		2		1	2	26	6	459	5	1,462	5								
		3		4	7	39	9	751	8	2,452	8								
		4		5	9	62	14	1,228	13	4,198	13								
		5		19	35	81	18	1,772	18	5,803	18								
		6		6	11	61	13	1,610	17	5,188	17								
		7	Excellent	7	13	69	15	1,701	17	5,186	17								
		—	Not applicable	7	13	95	21	1,696	17	5,374	17								
		Total		54	100	458	100	9,740	100	31,426	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	4	8	33	7	552	6	1,913	6	5.0	4.5	.26	4.8	.10	4.8	.14	
		2		2	4	37	8	577	6	1,899	6								
		3		1	2	50	11	851	9	2,797	9								
		4		4	8	69	15	1,461	15	5,007	16								
		5		19	36	98	21	2,038	21	6,642	21								
		6		15	28	78	17	1,932	20	5,937	19								
		7	Excellent	7	13	69	15	1,874	19	5,599	18								
		—	Not applicable	1	2	24	5	476	5	1,714	5								
		Total		53	100	458	100	9,761	100	31,508	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	2	8	2	222	2	772	2	2.9	3.0	-.04	3.0	-.12	3.0	-.13	
		2	Some	12	22	104	23	2,001	21	6,473	21								
		3	Quite a bit	31	56	233	51	4,672	48	14,759	47								
		4	Very much	11	20	110	24	2,845	29	9,457	30								
			Total		55	100	455	100	9,740	100	31,461								100
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	5	23	5	518	5	1,634	5	2.8	2.9	-.05	2.9	-.10	2.9	-.09	
		2	Some	14	25	118	26	2,469	25	8,082	26								
		3	Quite a bit	28	51	212	47	4,121	42	13,490	43								
		4	Very much	10	18	101	22	2,605	27	8,123	26								
			Total		55	100	454	100	9,713	100	31,329								100
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	7	50	11	911	9	2,945	9	2.7	2.8	-.05	2.8	-.11	2.8	-.10	
		2	Some	16	30	109	24	2,530	26	8,248	26								
		3	Quite a bit	25	46	193	42	3,597	37	11,824	38								
		4	Very much	9	17	104	23	2,690	28	8,368	27								
			Total		54	100	456	100	9,728	100	31,385								100

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Public		Masters		All Nat. Public			New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	6	11	64	14	1,308	13	4,463	14	2.6	2.6	-.01	2.7	-.08	2.6	-.04
		2	Some	20	36	132	29	2,896	30	9,639	31							
		3	Quite a bit	19	35	176	39	3,172	33	10,095	32							
		4	Very much	10	18	83	18	2,348	24	7,191	23							
		Total	55	100	455	100	9,724	100	31,388	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	7	54	12	813	8	2,563	8	2.8	2.7	.08	2.8	-.09	2.8	-.09
		2	Some	17	31	123	27	2,526	26	8,258	26							
		3	Quite a bit	22	40	193	42	3,710	38	12,068	38							
		4	Very much	12	22	88	19	2,672	27	8,494	27							
		Total	55	100	458	100	9,721	100	31,383	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	5	9	53	12	1,015	10	3,348	11	2.7	2.6	.06	2.8	-.11	2.8	-.09
		2	Some	18	33	151	33	2,660	27	8,719	28							
		3	Quite a bit	21	39	174	38	3,579	37	11,523	37							
		4	Very much	10	19	80	17	2,467	25	7,771	25							
		Total	54	100	458	100	9,721	100	31,361	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	19	35	172	38	3,250	33	10,846	35	2.2	2.0	.18	2.1	.11	2.1	.12
		2	Some	13	24	149	33	3,487	36	11,114	35							
		3	Quite a bit	17	31	95	21	1,979	20	6,164	20							
		4	Very much	6	11	40	9	1,010	10	3,277	10							
		Total	55	100	456	100	9,726	100	31,401	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	15	80	18	1,326	14	4,009	13	2.6	2.5	.12	2.6	-.03	2.7	-.08
		2	Some	16	30	151	33	3,065	32	9,532	30							
		3	Quite a bit	19	36	157	34	3,363	35	11,004	35							
		4	Very much	10	19	68	15	1,957	20	6,807	22							
		Total	53	100	456	100	9,711	100	31,352	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	18	73	16	1,517	16	5,171	16	2.5	2.5	.02	2.5	-.04	2.5	.00
		2	Some	18	33	164	36	3,397	35	11,198	36							
		3	Quite a bit	18	33	153	34	3,130	32	9,834	31							
		4	Very much	9	16	64	14	1,668	17	5,143	16							
		Total	55	100	454	100	9,712	100	31,346	100								



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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors<sup>a</sup> in Arts and Sciences

				Frequency Distributions									Statistical Comparisons <sup>k</sup>					
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with					
		New England Public											Nat. Public Masters		All Nat. Public			
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs	0	0 hrs	1	2	1	0	49	1	155	0	13.2	13.4	-.02	14.2	-.12	14.3	-.12
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	13	83	18	1,460	15	4,660	15							
		8	6-10 hrs	14	26	124	27	2,464	25	7,925	25							
		13	11-15 hrs	13	24	78	17	1,914	20	6,346	20							
		18	16-20 hrs	10	19	85	19	1,689	17	5,335	17							
		23	21-25 hrs	6	11	43	9	951	10	3,029	10							
		28	26-30 hrs	1	2	22	5	534	5	1,759	6							
		33	More than 30 hrs	2	4	22	5	685	7	2,243	7							
			Total	54	100	458	100	9,746	100	31,452	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	19	35	244	54	4,350	45	13,463	43	7.0	 3.9 *	.49	 4.8 *	.31	4.9 *	.28
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	20	101	22	2,648	27	8,745	28							
		8	6-10 hrs	12	22	45	10	1,142	12	3,891	12							
		13	11-15 hrs	6	11	38	8	718	7	2,373	8							
		18	16-20 hrs	3	5	17	4	416	4	1,422	5							
		23	21-25 hrs	0	0	6	1	209	2	670	2							
		28	26-30 hrs	2	4	2	0	92	1	287	1							
		33	More than 30 hrs	2	4	3	1	162	2	546	2							
			Total	55	100	456	100	9,737	100	31,397	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	39	71	322	71	7,053	72	22,321	71	3.3	3.8	-.07	4.0	-.09	4.2	-.11
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	9	20	4	321	3	1,085	3							
		8	6-10 hrs	4	7	39	9	585	6	2,160	7							
		13	11-15 hrs	4	7	27	6	594	6	1,965	6							
		18	16-20 hrs	1	2	30	7	729	7	2,229	7							
		23	21-25 hrs	0	0	8	2	190	2	757	2							
		28	26-30 hrs	0	0	2	0	90	1	333	1							
		33	More than 30 hrs	2	4	7	2	169	2	556	2							
			Total	55	100	455	100	9,731	100	31,406	100							

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Public	Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	12	22	126	28	3,811	39	12,968	41	15.3	16.2	-.07	13.2	.16	12.6	.20
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	5	17	4	433	4	1,455	5							
		8	6-10 hrs	6	11	34	7	562	6	1,858	6							
		13	11-15 hrs	9	16	31	7	668	7	2,082	7							
		18	16-20 hrs	4	7	52	11	990	10	3,088	10							
		23	21-25 hrs	7	13	52	11	839	9	2,479	8							
		28	26-30 hrs	6	11	44	10	658	7	2,013	6							
		33	More than 30 hrs	8	15	100	22	1,773	18	5,468	17							
		Total			55	100	456	100	9,734	100	31,411							
Estimated number of hours working for pay	tmworkhrs										18.6	19.9	-.10	17.2	.11	16.7	.14	
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	29	53	252	55	4,947	51	16,084	51	4.6	3.2	.22	3.3	.22	3.2	.26
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	24	134	29	3,065	31	10,044	32							
		8	6-10 hrs	3	5	25	5	829	9	2,678	9							
		13	11-15 hrs	5	9	21	5	396	4	1,129	4							
		18	16-20 hrs	1	2	13	3	232	2	669	2							
		23	21-25 hrs	2	4	5	1	116	1	315	1							
		28	26-30 hrs	1	2	2	0	42	0	141	0							
		33	More than 30 hrs	1	2	6	1	106	1	297	1							
		Total			55	100	458	100	9,733	100	31,357							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	2	19	4	313	3	1,023	3	14.1	10.9 *	.36	10.8 **	.39	11.0 **	.38
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	20	134	29	2,747	28	8,461	27							
		8	6-10 hrs	11	20	110	24	2,692	28	8,674	28							
		13	11-15 hrs	12	22	87	19	1,686	17	5,729	18							
		18	16-20 hrs	7	13	47	10	1,053	11	3,557	11							
		23	21-25 hrs	4	7	18	4	511	5	1,628	5							
		28	26-30 hrs	3	5	14	3	236	2	738	2							
		33	More than 30 hrs	6	11	28	6	501	5	1,601	5							
		Total			55	100	457	100	9,739	100	31,411							



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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your seniors compared with					
		New England Public												Nat. Public Masters		All Nat. Public			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	31	56	287	63	6,333	65	20,914	67	5.9	5.6	.04	5.6	.03	5.4	.05	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	13	58	13	1,060	11	3,284	10								
		8	6-10 hrs	4	7	32	7	539	6	1,563	5								
		13	11-15 hrs	6	11	16	4	316	3	937	3								
		18	16-20 hrs	2	4	9	2	246	3	800	3								
		23	21-25 hrs	0	0	5	1	142	1	426	1								
		28	26-30 hrs	1	2	5	1	92	1	295	1								
		33	More than 30 hrs	4	7	45	10	996	10	3,127	10								
		Total		55	100	457	100	9,724	100	31,346	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	10	18	47	10	1,420	15	5,112	16	6.3	6.4	-.02	5.8	.07	5.5	.12	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	45	227	49	5,057	52	16,506	52								
		8	6-10 hrs	10	18	118	26	1,860	19	5,762	18								
		13	11-15 hrs	5	9	29	6	674	7	1,994	6								
		18	16-20 hrs	2	4	17	4	299	3	847	3								
		23	21-25 hrs	1	2	6	1	130	1	363	1								
		28	26-30 hrs	0	0	3	1	63	1	205	1								
		33	More than 30 hrs	2	4	12	3	242	2	664	2								
		Total		55	100	459	100	9,745	100	31,453	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	4	7	39	9	1,017	10	3,460	11	3.0	3.1	-.10	3.1	-.09	3.1	-.08	
		2	Some	10	18	99	22	2,123	22	6,895	22								
		3	About half	23	42	143	31	2,587	27	8,215	26								
		4	Most	17	31	115	25	2,661	27	8,441	27								
		5	Almost all	1	2	62	14	1,358	14	4,435	14								
		Total		55	100	458	100	9,746	100	31,446	100								
tmreadinghrs												7.1	7.5	-.06	7.8	-.10	7.7	-.09	
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Public		Masters		All Nat. Public			Public	Nat. Public Masters	All Nat. Public				
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	1	2	1	0	49	1	154	0	2.9	3.2	-.26	3.1	-.24	3.1	-.20
	2	More than zero, up to 5 hrs	24	44	212	46	4,157	43	13,471	43								
	3	More than 5, up to 10 hrs	18	33	128	28	2,961	30	9,610	31								
	4	More than 10, up to 15 hrs	5	9	50	11	1,160	12	3,652	12								
	5	More than 15, up to 20 hrs	4	7	34	7	655	7	2,110	7								
	6	More than 20, up to 25 hrs	2	4	27	6	472	5	1,539	5								
	7	More than 25 hrs	0	0	5	1	255	3	784	3								
	Total		54	100	457	100	9,709	100	31,320	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	2	4	14	3	388	4	1,469	5	2.9	3.2	-.26	3.1	-.24	3.1	-.20
2	Some	15	28	75	16	1,718	18	5,953	19									
3	Quite a bit	21	39	195	43	3,735	38	11,513	37									
4	Very much	16	30	172	38	3,898	40	12,523	40									
Total		54	100	456	100	9,739	100	31,458	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	3	5	21	5	581	6	2,185	7	2.9	3.0	-.07	3.0	-.10	3.0	-.06
2	Some	15	27	104	23	2,103	22	7,120	23									
3	Quite a bit	20	36	192	42	3,633	37	11,314	36									
4	Very much	17	31	142	31	3,443	35	10,879	35									
Total		55	100	459	100	9,760	100	31,498	100									
c. Thinking critically and analytically	pgthink	1	Very little	2	4	11	2	228	2	845	3	3.1	3.2	-.14	3.3	-.24	3.3	-.23
2	Some	7	13	60	13	1,183	12	3,922	12									
3	Quite a bit	28	51	196	43	3,620	37	11,453	36									
4	Very much	18	33	191	42	4,724	48	15,246	48									
Total		55	100	458	100	9,755	100	31,466	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	14	25	76	17	1,757	18	5,725	18	2.3	2.4	-.12	2.5	-.19	2.5	-.20
2	Some	19	35	186	41	3,302	34	10,443	33									
3	Quite a bit	13	24	123	27	2,714	28	8,625	27									
4	Very much	9	16	73	16	1,975	20	6,680	21									
Total		55	100	458	100	9,748	100	31,473	100									

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State	New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State	Your seniors compared with						
					Public	Masters	All Nat. Public	Public	Nat. Public Masters	All Nat. Public		Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	6	11	60	13	1,074	11	3,643	12	2.7	2.7	-.04	2.8	-.16	2.8	-.13
		2	Some	18	33	130	28	2,609	27	8,550	27							
		3	Quite a bit	20	36	158	34	3,179	33	10,264	33							
		4	Very much	11	20	111	24	2,896	30	9,033	29							
		Total	55	100	459	100	9,758	100	31,490	100								
f. Working effectively with others	pgothers	1	Very little	5	9	28	6	532	5	1,868	6	2.9	3.0	-.01	3.0	-.08	3.0	-.04
		2	Some	11	20	100	22	2,158	22	7,395	24							
		3	Quite a bit	21	38	193	42	3,668	38	11,592	37							
		4	Very much	18	33	136	30	3,384	35	10,593	34							
		Total	55	100	457	100	9,742	100	31,448	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	11	55	12	1,118	11	3,820	12	2.7	2.8	-.07	2.8	-.11	2.8	-.08
		2	Some	19	35	112	25	2,380	24	7,753	25							
		3	Quite a bit	14	25	163	36	3,255	33	10,460	33							
		4	Very much	16	29	127	28	3,008	31	9,435	30							
		Total	55	100	457	100	9,761	100	31,468	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	6	11	34	7	738	8	2,669	8	2.8	2.9	-.06	3.0	-.17	2.9	-.14
		2	Some	15	27	115	25	2,303	24	7,479	24							
		3	Quite a bit	18	33	190	42	3,287	34	10,634	34							
		4	Very much	16	29	117	26	3,435	35	10,690	34							
		Total	55	100	456	100	9,763	100	31,472	100								
i. Solving complex real- world problems	pgprobsolve	1	Very little	6	11	51	11	991	10	3,424	11	2.5	2.6	-.11	2.8	-.24	2.8	-.23
		2	Some	26	47	148	32	2,825	29	8,963	28							
		3	Quite a bit	10	18	169	37	3,336	34	10,610	34							
		4	Very much	13	24	89	19	2,610	27	8,477	27							
		Total	55	100	457	100	9,762	100	31,474	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	7	13	44	10	1,036	11	3,507	11	2.7	2.7	-.02	2.8	-.09	2.8	-.08
		2	Some	16	29	145	32	2,582	27	8,443	27							
		3	Quite a bit	17	31	153	33	3,231	33	10,150	32							
		4	Very much	15	27	115	25	2,886	30	9,270	30							
		Total	55	100	457	100	9,735	100	31,370	100								

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

## Frequencies and Statistical Comparisons: Arts and Sciences

### Fitchburg State University

#### Seniors<sup>a</sup> in Arts and Sciences

Seniors <sup>a</sup> in Arts and Sciences				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		Your seniors compared with				
						Public		Masters		All Nat. Public				New England Public		Nat. Public Masters		All Nat. Public
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	2	4	13	3	256	3	834	3	3.0	3.2	-.26	3.3 *	-.33	3.2 *	-.33
		2	Fair	12	22	57	12	1,108	11	3,692	12							
		3	Good	25	45	214	47	4,329	44	13,753	44							
		4	Excellent	16	29	173	38	4,069	42	13,210	42							
		Total		55	100	457	100	9,762	100	31,489	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	4	7	24	5	485	5	1,561	5	3.1	3.2	-.12	3.2	-.17	3.2	-.19
		2	Probably no	8	15	59	13	1,261	13	3,947	13							
		3	Probably yes	24	44	197	43	3,830	39	12,087	38							
		4	Definitely yes	19	35	178	39	4,194	43	13,944	44							
		Total		55	100	458	100	9,770	100	31,539	100							

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

Respondent Profile: Arts and Sciences

Fitchburg State University

## Arts and Sciences

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public	
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	44	90	223	77	5,360	80	17,184	76	48	87	323	70	7,850	80	24,372	77
		More than one	5	10	68	23	1,353	20	5,457	24	7	13	136	30	1,948	20	7,258	23
		Total	49	100	291	100	6,713	100	22,641	100	55	100	459	100	9,798	100	31,630	100
First major or expected first major, in NSSE's default related-major categories.  (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol  (Recoded from MAJfirst.)	Arts & Humanities	12	24	85	29	1,784	27	6,343	28	10	18	155	34	3,095	32	9,923	31
		Biological Sci., Agriculture, & Natural Resources	0	0	0	0	35	1	209	1	0	0	1	0	42	0	215	1
		Physical Sci., Mathematics, & Computer Science	0	0	1	0	37	1	171	1	0	0	1	0	58	1	222	1
		Social Sciences	2	4	41	14	1,117	17	4,120	18	2	4	72	16	2,163	22	7,038	22
		Business	0	0	6	2	92	1	415	2	1	2	7	2	119	1	505	2
		Communications, Media, & Public Relations	15	31	35	12	947	14	3,241	14	17	31	78	17	1,622	17	5,185	16
		Education	0	0	17	6	66	1	212	1	3	5	54	12	176	2	370	1
		Engineering	0	0	1	0	12	0	70	0	0	0	0	0	18	0	102	0
		Health Professions	0	0	0	0	51	1	137	1	0	0	5	1	43	0	168	1
		Social Service Professions	15	31	46	16	1,078	16	2,812	12	7	13	43	9	1,367	14	3,616	11
		All Other	4	8	16	5	301	4	1,302	6	14	25	37	8	962	10	3,790	12
		Undecided, Undeclared	1	2	43	15	1,191	18	3,598	16	1	2	5	1	127	1	477	2
		Total	49	100	291	100	6,711	100	22,630	100	55	100	458	100	9,792	100	31,611	100
Second major or expected second major, in NSSE's default related-major categories.  (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol  (Recoded from MAJsecond.)	Arts & Humanities	3	60	24	36	356	26	1,481	27	0	0	51	38	545	28	2,019	28
		Biological Sci., Agriculture, & Natural Resources	0	0	1	1	9	1	41	1	0	0	1	1	21	1	118	2
		Physical Sci., Mathematics, & Computer Science	1	20	0	0	23	2	97	2	0	0	1	1	31	2	146	2
		Social Sciences	1	20	13	19	360	27	1,527	28	0	0	26	19	522	27	2,246	31
		Business	0	0	4	6	89	7	321	6	1	14	2	1	91	5	324	4
		Communications, Media, & Public Relations	0	0	3	4	122	9	476	9	3	43	9	7	136	7	580	8
		Education	0	0	2	3	48	4	174	3	0	0	6	4	115	6	255	4
		Engineering	0	0	0	0	4	0	23	0	0	0	0	0	11	1	34	0
		Health Professions	0	0	0	0	21	2	58	1	0	0	3	2	29	1	108	1
		Social Service Professions	0	0	7	10	157	12	500	9	0	0	6	4	185	10	536	7
		All Other	0	0	7	10	47	3	251	5	3	43	25	18	146	8	472	7
		Undecided, Undeclared	0	0	6	9	113	8	486	9	0	0	6	4	111	6	394	5
		Total	5	100	67	100	1,349	100	5,435	100	7	100	136	100	1,943	100	7,232	100

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

Respondent Profile: Arts and Sciences

Fitchburg State University

## Arts and Sciences

Arts and Sciences			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>								
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
21. What is your class level?	class	Freshman/First-year	49	100	265	91	5,713	86	19,257	86	0	0	1	0	19	0	62	0	
		Sophomore	0	0	23	8	835	13	2,671	12	1	2	4	1	57	1	214	1	
		Junior	0	0	0	0	84	1	361	2	0	0	21	5	479	5	1,790	6	
		Senior	0	0	0	0	22	0	97	0	52	95	418	92	8,999	92	28,710	91	
		Unclassified	0	0	2	1	26	0	134	1	2	4	9	2	183	2	633	2	
		Total	49	100	290	100	6,680	100	22,520	100	55	100	453	100	9,737	100	31,409	100	
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	11	4	234	4	884	4	15	28	95	21	1,918	20	6,290	20	
		Yes	49	100	277	96	6,401	96	21,508	96	39	72	356	79	7,745	80	24,886	80	
		Total	49	100	288	100	6,635	100	22,392	100	54	100	451	100	9,663	100	31,176	100	
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0	0	0	27	0	96	0	3	5	12	3	270	3	812	3
		1	0	0	0	0	0	26	0	141	1	6	11	22	5	350	4	1,149	4
		2	0	0	1	0	75	1	322	1	8	15	49	11	814	8	2,636	8	
		3	0	0	22	8	365	5	882	4	10	18	69	15	1,274	13	3,868	12	
		4	8	16	97	33	1,820	27	5,989	27	10	18	169	37	3,097	32	9,925	32	
		5	32	65	134	46	2,947	44	9,721	43	14	25	95	21	2,328	24	7,708	25	
		6	6	12	20	7	913	14	3,454	15	3	5	22	5	911	9	3,102	10	
		7 or more	3	6	16	6	509	8	1,935	9	1	2	19	4	710	7	2,258	7	
		Total	49	100	290	100	6,682	100	22,540	100	55	100	457	100	9,754	100	31,458	100	
b. Of these, how many are entirely online ?	onlinenum	0	43	90	262	91	5,426	82	18,107	81	36	65	341	75	6,455	66	20,027	64	
		1	4	8	18	6	847	13	2,979	13	7	13	79	17	1,869	19	5,998	19	
		2	1	2	5	2	226	3	758	3	6	11	23	5	738	8	2,661	8	
		3	0	0	2	1	78	1	289	1	3	5	8	2	302	3	1,260	4	
		4	0	0	0	0	36	1	160	1	3	5	4	1	211	2	823	3	
		5	0	0	0	0	16	0	61	0	0	0	0	0	49	1	248	1	
		6	0	0	1	0	8	0	33	0	0	0	0	0	43	0	142	0	
		7 or more	0	0	1	0	10	0	34	0	0	0	0	0	47	0	170	1	
		Total	48	100	289	100	6,647	100	22,421	100	55	100	455	100	9,714	100	31,329	100	
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecrscol	No courses taken online	43	90	262	91	5,426	82	18,106	81	36	65	341	75	6,455	66	20,027	64	
		Some courses taken online	5	10	25	9	1,122	17	3,910	17	12	22	106	23	2,623	27	8,786	28	
		All courses taken online	0	0	2	1	99	1	404	2	7	13	8	2	636	7	2,516	8	
		Total	48	100	289	100	6,647	100	22,420	100	55	100	455	100	9,714	100	31,329	100	

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

Respondent Profile: Arts and Sciences

Fitchburg State University

## Arts and Sciences

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	1	2	3	1	141	2	452	2	0	0	2	0	35	0	135	0
		C	1	2	7	2	210	3	660	3	1	2	3	1	158	2	471	2
		C+	2	4	12	4	359	5	1,073	5	3	6	9	2	362	4	1,111	4
		B-	5	10	22	8	520	8	1,529	7	8	15	26	6	607	6	1,937	6
		B	9	18	42	15	1,306	20	3,990	18	7	13	58	13	1,753	18	5,513	18
		B+	16	33	62	22	1,355	20	4,410	20	15	28	85	19	1,919	20	5,980	19
		A-	11	22	65	23	1,247	19	4,467	20	10	19	135	30	2,023	21	6,596	21
		A	4	8	74	26	1,534	23	5,912	26	10	19	139	30	2,871	30	9,645	31
		Total	49	100	287	100	6,672	100	22,493	100	54	100	457	100	9,728	100	31,388	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	48	98	273	95	6,179	93	20,477	91	32	58	225	49	4,454	46	15,546	50
		Started elsewhere	1	2	15	5	471	7	1,969	9	23	42	230	51	5,271	54	15,813	50
		Total	49	100	288	100	6,650	100	22,446	100	55	100	455	100	9,725	100	31,359	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	4	9	3	171	3	619	3	6	11	21	5	667	7	2,214	7
	attend_com	Community or junior college	0	0	7	2	478	7	1,708	8	16	29	168	37	4,777	49	13,801	44
	attend_col	4-year college or university other than this one	2	4	18	6	567	9	1,949	9	9	16	142	31	2,407	25	8,343	27
	attend_none	None	44	92	250	87	5,321	80	17,733	79	25	45	175	39	3,344	34	11,608	37
	attend_other	Other	0	0	8	3	216	3	785	4	4	7	18	4	386	4	1,280	4
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	3	6	17	6	475	7	1,533	7	6	11	26	6	635	7	1,862	6
		Bachelor's degree (B.A., B.S., etc.)	22	46	114	40	3,103	47	9,561	43	25	45	147	32	3,710	38	11,742	37
		Master's degree (M.A., M.S., etc.)	20	42	126	44	2,198	33	7,692	34	16	29	207	45	3,749	39	12,023	38
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	6	27	10	866	13	3,619	16	8	15	75	16	1,640	17	5,745	18
		Total	48	100	284	100	6,642	100	22,405	100	55	100	455	100	9,734	100	31,372	100

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

## Respondent Profile: Arts and Sciences

### Fitchburg State University

#### Arts and Sciences

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	2	4	13	5	552	8	1,306	6	3	5	31	7	862	9	2,135	7
		High school diploma or G.E.D.	16	33	82	29	1,333	20	3,934	18	12	22	116	25	2,103	22	6,113	20
		Attended college, but did not complete degree	3	6	38	13	864	13	2,611	12	12	22	73	16	1,177	12	3,686	12
		Associate's degree (A.A., A.S., etc.)	5	10	29	10	653	10	2,148	10	8	15	51	11	1,099	11	3,181	10
		Bachelor's degree (B.A., B.S., etc.)	14	29	69	24	1,815	27	6,325	28	13	24	98	22	2,477	26	8,574	27
		Master's degree (M.A., M.S., etc.)	7	15	41	14	1,114	17	4,500	20	7	13	66	15	1,550	16	5,597	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	2	13	5	298	4	1,521	7	0	0	20	4	437	5	1,986	6
		Total	48	100	285	100	6,629	100	22,345	100	55	100	455	100	9,705	100	31,272	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	22	46	123	43	3,227	49	12,346	55	20	36	184	40	4,464	46	16,157	52
		First-generation	26	54	162	57	3,402	51	9,999	45	35	64	271	60	5,241	54	15,115	48
		Total	48	100	285	100	6,629	100	22,345	100	55	100	455	100	9,705	100	31,272	100
29. What is your gender identity?	genderid	Man	31	65	87	30	2,015	30	6,992	31	20	36	121	27	3,212	33	10,501	33
		Woman	16	33	192	67	4,474	67	14,774	66	33	60	315	69	6,231	64	19,859	63
		Another gender identity	1	2	5	2	88	1	346	2	1	2	9	2	120	1	407	1
		I prefer not to respond	0	0	2	1	74	1	328	1	1	2	10	2	159	2	586	2
		Total	48	100	286	100	6,651	100	22,440	100	55	100	455	100	9,722	100	31,353	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	47	98	260	91	5,920	90	19,764	89	0	0	0	0	51	1	188	1
		20-23	1	2	17	6	475	7	1,709	8	42	78	278	62	5,595	58	18,985	61
		24-29	0	0	3	1	91	1	341	2	7	13	89	20	2,135	22	6,093	20
		30-39	0	0	2	1	53	1	214	1	1	2	38	8	988	10	2,999	10
		40-55	0	0	2	1	31	0	145	1	4	7	32	7	685	7	2,218	7
		Over 55	0	0	1	0	12	0	51	0	0	0	11	2	157	2	538	2
		Total	48	100	285	100	6,582	100	22,224	100	54	100	448	100	9,611	100	31,021	100
31a. Are you an international student?	internat	No	48	100	279	98	6,425	97	21,401	96	51	98	449	99	9,453	98	30,273	97
		Yes	0	0	5	2	181	3	870	4	1	2	3	1	208	2	814	3
		Total	48	100	284	100	6,606	100	22,271	100	52	100	452	100	9,661	100	31,087	100
[If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	0	0	13	8	42	5	0	0	0	0	8	4	39	5
		Asia	0	0	0	0	70	42	451	58	0	0	0	0	93	51	381	52
		Canada	0	0	1	20	3	2	20	3	0	0	0	0	7	4	21	3
		Europe	0	0	1	20	34	21	109	14	0	0	3	100	30	16	106	14
		Latin America and Caribbean	0	0	2	40	24	15	89	11	0	0	0	0	28	15	128	17
		Middle East and North Africa	0	0	1	20	18	11	60	8	0	0	0	0	17	9	55	7
		Oceania	0	0	0	0	3	2	8	1	0	0	0	0	0	0	7	1
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	5	100	165	100	779	100	0	0	3	100	183	100	737	100



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

Respondent Profile: Arts and Sciences

Fitchburg State University

## Arts and Sciences

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public	
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_aind	American Indian or Alaska Native	1	2	2	1	174	3	587	3	1	2	8	2	240	2	770	2
	re_asian	Asian	0	0	7	2	531	8	1,896	8	1	2	12	3	720	7	2,133	7
	re_black	Black or African American	9	19	28	10	754	11	2,701	12	6	11	39	9	980	10	3,369	11
	re_latino	Hispanic or Latino	4	8	45	16	1,275	19	3,510	16	8	15	34	7	1,549	16	4,436	14
	re_pacific	Native Hawaiian or Other Pacific Islander	1	2	1	0	68	1	234	1	0	0	1	0	116	1	306	1
	re_white	White	38	79	211	74	4,185	63	14,684	66	41	75	341	75	6,258	65	20,824	67
	re_other	Other	0	0	7	2	138	2	507	2	2	4	15	3	310	3	901	3
	re_pnr	I prefer not to respond	1	2	9	3	190	3	733	3	2	4	28	6	464	5	1,504	5
	re_all	American Indian or Alaska Native	0	0	1	0	46	1	149	1	1	2	1	0	64	1	217	1
	re_all	Asian	0	0	5	2	388	6	1,413	6	1	2	8	2	541	6	1,619	5
Racial or ethnic identification (Recoded from re_aind to re_pnr where each student is represented only once.)	re_aind to re_pnr	Black or African American	6	13	17	6	596	9	2,087	9	2	4	34	7	789	8	2,734	9
	re_aind to re_pnr	Hispanic or Latino	2	4	33	12	1,001	15	2,551	11	6	11	31	7	1,193	12	3,289	11
	re_aind to re_pnr	Native Hawaiian/Other Pac. Islander	1	2	0	0	24	0	70	0	0	0	0	0	36	0	105	0
	re_aind to re_pnr	White	35	73	196	69	3,724	56	12,984	58	38	69	326	72	5,639	58	18,821	60
	re_aind to re_pnr	Other	0	0	6	2	78	1	283	1	0	0	8	2	202	2	530	2
	re_aind to re_pnr	Multiracial	3	6	19	7	579	9	2,089	9	5	9	18	4	764	8	2,440	8
	re_aind to re_pnr	I prefer not to respond	1	2	9	3	190	3	733	3	2	4	28	6	464	5	1,504	5
	re_aind to re_pnr	Total	48	100	286	100	6,626	100	22,359	100	55	100	454	100	9,692	100	31,259	100
	re_aind to re_pnr	American Indian or Alaska Native	0	0	1	0	46	1	149	1	1	2	1	0	64	1	217	1
	re_aind to re_pnr	Asian	0	0	5	2	388	6	1,413	6	1	2	8	2	541	6	1,619	5
33. Are you a member of a social fraternity or sorority?	greek	No	47	98	273	96	6,089	92	20,254	91	43	78	429	95	8,716	90	27,841	89
	greek	Yes	1	2	11	4	546	8	2,109	9	12	22	24	5	982	10	3,411	11
	greek	Total	48	100	284	100	6,635	100	22,363	100	55	100	453	100	9,698	100	31,252	100
	greek	Total	48	100	284	100	6,635	100	22,363	100	55	100	453	100	9,698	100	31,252	100
34. Which of the following best describes where you are living while attending college?	living	Residence hall, dormitory or other camp.	41	85	171	60	4,020	61	14,428	65	16	29	86	19	1,033	11	3,529	11
	living	Fraternity or sorority house	0	0	0	0	31	0	170	1	1	2	0	0	87	1	354	1
	living	Residence (house, apartment, etc.) within walking distance to the institution	0	0	15	5	464	7	1,546	7	14	25	38	8	2,296	24	7,954	26
	living	Residence (house, apartment, etc.) farther than walking distance to the institution	6	13	80	28	1,782	27	5,243	24	18	33	285	63	5,672	59	17,601	56
	living	None of the above	1	2	20	7	321	5	911	4	6	11	41	9	578	6	1,721	6
	living	Total	48	100	286	100	6,618	100	22,298	100	55	100	450	100	9,666	100	31,159	100
	living	Total	48	100	286	100	6,618	100	22,298	100	55	100	450	100	9,666	100	31,159	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	44	92	265	94	6,257	95	21,083	95	51	93	432	96	9,365	97	30,169	97
	athlete	Yes	4	8	18	6	351	5	1,217	5	4	7	20	4	300	3	964	3
	athlete	Total	48	100	283	100	6,608	100	22,300	100	55	100	452	100	9,665	100	31,133	100

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

Respondent Profile: Arts and Sciences

Fitchburg State University

## Arts and Sciences

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public	
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	48	100	274	97	6,493	98	21,647	97	51	93	424	94	9,095	94	29,257	94
		Yes	0	0	9	3	108	2	633	3	4	7	29	6	563	6	1,883	6
		Total	48	100	283	100	6,601	100	22,280	100	55	100	453	100	9,658	100	31,140	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	34	71	217	76	5,434	82	18,358	82	41	75	358	79	7,759	80	25,084	80
		Yes	10	21	52	18	923	14	3,054	14	11	20	71	16	1,494	15	4,814	15
		I prefer not to respond	4	8	16	6	268	4	943	4	3	5	24	5	438	5	1,360	4
		Total	48	100	285	100	6,625	100	22,355	100	55	100	453	100	9,691	100	31,258	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	2	20	4	8	105	11	393	13	3	27	6	8	170	11	588	12
	dis_mobility	A mobility impairment	0	0	0	0	53	6	171	6	1	9	0	0	156	11	478	10
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	7	70	28	55	412	45	1,293	43	5	45	33	46	612	41	1,931	40
	dis_mental	A mental health disorder	4	40	27	53	407	44	1,453	48	3	27	33	46	696	47	2,187	46
	dis_other	A disability or impairment not listed above	1	10	4	8	156	17	502	17	2	18	15	21	294	20	959	20
Disability or impairment	disability_all	A sensory impairment	1	2	1	0	68	1	252	1	2	4	6	1	92	1	319	1
		A mobility impairment	0	0	0	0	31	0	86	0	1	2	0	0	72	1	221	1
	(Recoded from disability and dis_sense to dis_other where each student is represented only once.)	A learning disability	4	8	21	7	276	4	820	4	3	5	22	5	382	4	1,241	4
		A mental health disorder	1	2	18	6	261	4	934	4	1	2	20	4	429	4	1,371	4
		A disability or impairment not listed	1	2	1	0	94	1	295	1	1	2	10	2	162	2	540	2
		More than one disability or impairment	3	6	10	4	186	3	654	3	3	5	13	3	347	4	1,090	3
		No disability or impairment	34	71	217	76	5,434	82	18,358	82	41	75	358	79	7,759	80	25,084	80
		Prefer not to respond	4	8	16	6	268	4	943	4	3	5	24	5	438	5	1,360	4
		Total	48	100	284	100	6,618	100	22,342	100	55	100	453	100	9,681	100	31,226	100
38. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	41	85	166	78	3,806	81	12,171	80	46	84	315	78	5,996	83	17,484	81
		Bisexual	2	4	17	8	317	7	1,118	7	4	7	26	6	384	5	1,229	6
		Gay	1	2	3	1	81	2	288	2	1	2	10	2	130	2	490	2
		Lesbian	0	0	6	3	71	2	215	1	0	0	9	2	106	1	287	1
		Queer	0	0	3	1	37	1	177	1	0	0	6	1	87	1	315	1
		Questioning or unsure	0	0	4	2	82	2	302	2	1	2	4	1	68	1	246	1
		Another sexual orientation	3	6	7	3	107	2	397	3	2	4	9	2	139	2	430	2
		I prefer not to respond	1	2	7	3	182	4	603	4	1	2	23	6	342	5	1,070	5
		Total	48	100	213	100	4,683	100	15,271	100	55	100	402	100	7,252	100	21,551	100

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

Respondent Profile: Arts and Sciences

Fitchburg State University





## Arts and Sciences

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public		Fitchburg State		New England Public		Nat. Public Masters		All Nat. Public	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>Institution-reported information</b>																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex	Female	17	35	199	68	4,619	69	15,352	68	34	62	330	72	6,461	66	20,624	65
		Male	32	65	92	32	2,093	31	7,285	32	21	38	129	28	3,334	34	11,000	35
		Total	49	100	291	100	6,712	100	22,637	100	55	100	459	100	9,795	100	31,624	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	1	0	39	1	142	1	0	0	2	0	61	1	229	1
		Asian	0	0	4	2	276	5	895	5	0	0	7	2	387	5	1,155	4
		Black or African American	5	10	17	7	556	10	1,980	10	3	5	33	7	786	9	2,661	10
		Hispanic or Latino	5	10	38	15	1,076	19	3,039	15	10	18	33	7	1,263	15	3,845	14
		Native Hawaiian/Other Pac. Islander	0	0	0	0	12	0	35	0	0	0	0	0	15	0	62	0
		White	36	73	179	70	3,190	56	11,607	59	38	69	334	75	5,021	60	17,391	62
		Other	0	0	0	0	21	0	21	0	0	0	0	0	9	0	9	0
		Foreign or nonresident alien	0	0	2	1	152	3	697	4	0	0	3	1	163	2	619	2
		Two or more races/ethnicities	2	4	9	4	237	4	788	4	2	4	18	4	354	4	970	3
		Unknown	1	2	6	2	162	3	453	2	2	4	17	4	317	4	901	3
		Total	49	100	256	100	5,721	100	19,657	100	55	100	447	100	8,376	100	27,842	100
Institution-reported: Class level	IRclass	Freshman/First-Year	49	100	291	100	6,714	100	22,642	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	55	100	459	100	9,798	100	31,630	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	49	100	291	100	6,714	100	22,642	100	55	100	459	100	9,798	100	31,630	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	0	0	28	10	859	13	3,015	13	55	100	459	100	9,621	98	31,336	99
		First-time first-year	49	100	263	90	5,855	87	19,627	87	0	0	0	0	177	2	294	1
		Total	49	100	291	100	6,714	100	22,642	100	55	100	459	100	9,798	100	31,630	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	0	0	8	3	311	5	1,024	5	10	18	99	22	1,830	19	5,974	19
		Full-time	49	100	283	97	6,403	95	21,618	95	45	82	360	78	7,968	81	25,656	81
		Total	49	100	291	100	6,714	100	22,642	100	55	100	459	100	9,798	100	31,630	100

## Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean  $\pm 1.96 \times \text{SEM}$ .
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the  $t$ -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance:  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  (2-tailed).
- g. Cohen's  $d$ : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.  
 $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  ( $z$ -test comparing participation rates).
- j. Cohen's  $h$ : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a  $z$ -test.
- l. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- n. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ .
- o. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress."

### Key to symbols:

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

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

Endnotes: Arts and Sciences

**Fitchburg State University**

---

### Endnotes

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

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

---