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# NSSE 2020

## Frequencies and Statistical Comparisons

University of Massachusetts Boston

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# NSSE 2020 Frequencies and Statistical Comparisons


## About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([nsse.indiana.edu](https://nsse.indiana.edu)) or contact a member of the NSSE team.

1. **Class level:** As reported by your institution.
2. **Item numbers:** Numbering corresponds to the survey available on the NSSE website.
3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [go.iu.edu/NSSE-weights](https://go.iu.edu/NSSE-weights)

6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.



### NSSE Frequencies and Statistical Comparisons

NSSEville State University

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	<b>3.3</b>	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	197	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	<b>2.5</b>	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	88	3	67,348	29								
		4	Very often	113	19	2,722	20	52	2	47,208	21								
			Total	626	100	15,118	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	<b>3.1</b>	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

7. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. **Key to symbols:**

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

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



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Worked with other students on course projects or assignments	CLproject	1	Never	43	8	281	10	2,205	7	7,195	8	2.5	2.6	-0.05	2.7 **	-0.14	2.7 ***	-0.15
		2	Sometimes	215	43	1,170	39	12,498	38	36,351	37							
		3	Often	173	36	1,042	35	12,365	36	37,400	37							
		4	Very often	67	13	505	16	6,205	18	18,367	18							
		Total		498	100	2,998	100	33,273	100	99,313	100							
h. Given a course presentation	present	1	Never	99	20	688	23	6,275	19	20,371	21	2.2	2.2	.05	2.3 *	-0.10	2.2	-0.04
		2	Sometimes	242	49	1,376	45	14,578	43	43,518	44							
		3	Often	108	22	680	23	8,653	26	24,842	25							
		4	Very often	46	9	247	9	3,731	12	10,429	10							
		Total		495	100	2,991	100	33,237	100	99,160	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	36	8	274	10	2,588	8	8,751	10	2.5	2.5	.01	2.6	-0.06	2.5	-0.01
		2	Sometimes	207	43	1,214	41	12,852	39	39,073	40							
		3	Often	172	36	1,056	34	12,397	37	35,854	36							
		4	Very often	64	13	413	14	4,914	15	13,809	14							
		Total		479	100	2,957	100	32,751	100	97,487	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	50	11	320	12	2,969	10	10,131	11	2.5	2.5	-0.08	2.6 **	-0.13	2.5	-0.05
		2	Sometimes	202	44	1,094	37	12,264	38	38,328	40							
		3	Often	157	34	1,064	35	11,936	36	33,807	34							
		4	Very often	61	12	454	15	5,355	16	14,323	15							
		Total		470	100	2,932	100	32,524	100	96,589	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	55	12	335	12	3,196	11	11,197	13	2.5	2.6	-0.10	2.6 *	-0.11	2.5	-0.03
		2	Sometimes	185	41	1,030	35	11,624	36	36,581	38							
		3	Often	145	31	1,040	35	11,596	35	32,207	33							
		4	Very often	73	15	508	17	5,855	18	15,618	16							
		Total		458	100	2,913	100	32,271	100	95,603	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	24	5	161	6	1,452	5	4,766	5	2.7	2.7	-0.08	2.8 *	-0.12	2.7	-0.07
		2	Sometimes	168	37	925	32	10,136	32	31,261	33							
		3	Often	188	41	1,296	45	14,362	44	41,625	43							
		4	Very often	75	16	499	18	5,996	19	16,725	18							
		Total		455	100	2,881	100	31,946	100	94,377	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	13	3	89	3	828	3	2,794	3	<b>2.9</b>	2.9	-0.06	2.9	-0.08	2.9	-0.04
		2	Sometimes	134	31	738	26	8,009	26	24,753	27							
		3	Often	197	44	1,342	47	14,753	46	42,982	46							
		4	Very often	101	23	684	24	7,910	25	22,229	24							
		Total		445	100	2,853	100	31,500	100	92,758	100							
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	11	3	91	3	813	3	2,732	3	<b>2.8</b>	2.8	-0.06	2.9 *	-0.10	2.8	-0.04
		2	Sometimes	150	35	834	30	8,846	29	27,908	31							
		3	Often	184	42	1,277	45	14,454	46	41,339	45							
		4	Very often	91	20	600	21	6,947	22	19,174	21							
		Total		436	100	2,802	100	31,060	100	91,153	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	47	2	387	2	1,356	2	<b>2.9</b>	3.0 **	-0.15	3.0 **	-0.14	3.0 *	-0.10
		2	Sometimes	111	27	571	21	6,473	22	20,003	23							
		3	Often	216	51	1,387	49	15,271	49	45,005	49							
		4	Very often	95	21	763	28	8,562	28	23,517	26							
		Total		426	100	2,768	100	30,693	100	89,881	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	112	27	575	21	6,146	21	17,195	20	<b>2.1</b>	2.3 ***	-0.22	2.3 ***	-0.21	2.3 ***	-0.23
		2	Sometimes	191	45	1,180	42	13,117	43	38,686	43							
		3	Often	81	19	653	24	7,545	24	22,027	24							
		4	Very often	42	9	364	13	3,904	12	11,903	13							
		Total		426	100	2,772	100	30,712	100	89,811	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	230	55	1,428	51	15,471	51	43,716	49	<b>1.7</b>	1.8 *	-0.10	1.7 *	-0.10	1.8 **	-0.13
		2	Sometimes	120	29	791	29	8,996	29	27,431	30							
		3	Often	52	12	357	14	4,187	14	12,370	14							
		4	Very often	18	4	170	6	1,864	6	5,767	7							
		Total		420	100	2,746	100	30,518	100	89,284	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	165	39	985	36	10,644	35	29,954	34	<b>1.9</b>	2.0	-0.10	2.0	-0.09	2.0 *	-0.11
		2	Sometimes	172	42	1,065	39	12,166	40	36,248	41							
		3	Often	51	12	466	18	5,391	18	15,765	18							
		4	Very often	29	7	200	8	2,075	7	6,306	7							
		Total		417	100	2,716	100	30,276	100	88,273	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Discussed your academic performance with a faculty member	SFperform	1	Never	109	26	717	27	7,992	27	23,271	27	<b>2.0</b>	2.1	-0.09	2.1	-0.08	2.1 *	-0.09
		2	Sometimes	209	51	1,216	45	13,518	45	39,436	44							
		3	Often	71	18	551	20	6,271	21	18,273	21							
		4	Very often	24	5	223	9	2,416	8	7,273	8							
		Total		413	100	2,707	100	30,197	100	88,253	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	15	4	99	4	883	3	2,730	3	<b>2.8</b>	2.9 *	-0.13	2.9 **	-0.15	2.9 *	-0.13
		2	Some	123	32	646	25	7,119	25	21,959	26							
		3	Quite a bit	175	42	1,210	45	13,729	45	40,417	46							
		4	Very much	95	22	733	26	8,281	26	22,442	25							
		Total		408	100	2,688	100	30,012	100	87,548	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	20	5	104	4	1,040	4	3,217	4	<b>2.8</b>	2.9 **	-0.15	2.9 ***	-0.17	2.9 **	-0.16
		2	Some	127	32	708	27	7,605	26	23,153	26							
		3	Quite a bit	178	45	1,218	45	13,924	46	40,297	46							
		4	Very much	77	18	640	24	7,248	24	20,314	24							
		Total		402	100	2,670	100	29,817	100	86,981	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	12	3	90	4	980	4	3,335	4	<b>2.9</b>	2.9	-0.09	2.9	-0.06	2.9	-0.03
		2	Some	123	32	694	26	7,755	27	23,901	28							
		3	Quite a bit	173	43	1,181	45	13,305	45	38,344	44							
		4	Very much	92	23	678	26	7,485	25	20,363	24							
		Total		400	100	2,643	100	29,525	100	85,943	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	8	2	92	4	1,022	4	3,481	4	<b>2.9</b>	2.9	-0.08	2.9	-0.05	2.9	.00
		2	Some	126	32	675	26	7,555	26	23,338	28							
		3	Quite a bit	172	43	1,181	44	13,430	45	38,757	45							
		4	Very much	92	23	675	26	7,376	25	19,903	23							
		Total		398	100	2,623	100	29,383	100	85,479	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	2	103	4	1,016	4	3,322	4	<b>2.8</b>	2.9	-0.10	2.9	-0.08	2.9	-0.04
		2	Some	124	33	672	25	7,644	26	23,214	28							
		3	Quite a bit	180	45	1,191	46	13,474	46	39,264	46							
		4	Very much	83	20	642	25	7,135	24	19,196	22							
		Total		396	100	2,608	100	29,269	100	84,996	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	3	69	3	579	2	1,842	2	<b>2.9</b>	3.1 **	-.14	3.0 *	-.12	3.0 *	-.11	
		2	Some	98	25	572	22	6,304	22	18,566	22								
		3	Quite a bit	181	47	1,120	42	13,354	45	38,972	46								
		4	Very much	100	25	829	33	8,809	31	24,925	30								
		Total		391	100	2,590	100	29,046	100	84,305	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	16	4	131	5	1,179	4	3,767	5	<b>2.9</b>	3.0 *	-.12	3.0 *	-.12	3.0 *	-.12	
		2	Some	112	29	614	23	6,780	23	19,555	23								
		3	Quite a bit	176	44	1,109	43	13,058	44	38,050	45								
		4	Very much	87	22	730	29	7,912	28	22,609	28								
		Total		391	100	2,584	100	28,929	100	83,981	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	17	4	95	4	922	4	2,938	4	<b>2.9</b>	3.0 *	-.14	3.0 **	-.16	3.0 **	-.15	
		2	Some	115	30	610	24	6,586	23	19,420	23								
		3	Quite a bit	152	39	1,091	42	12,496	43	36,536	43								
		4	Very much	104	26	785	30	8,877	31	24,951	30								
		Total		388	100	2,581	100	28,881	100	83,845	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	26	7	172	7	2,275	8	6,609	8	<b>2.8</b>	2.9 *	-.12	2.8	.00	2.8	.03	
		2	Some	121	32	703	26	8,774	30	26,123	31								
		3	Quite a bit	148	38	986	38	10,658	37	31,079	37								
		4	Very much	93	24	713	29	7,108	25	19,819	24								
		Total		388	100	2,574	100	28,815	100	83,630	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	45	12	239	9	2,688	9	7,954	10	<b>2.6</b>	2.7 *	-.11	2.7	-.05	2.7	-.04	
		2	Some	120	31	818	31	9,572	33	27,954	33								
		3	Quite a bit	148	38	953	37	10,599	37	30,796	37								
		4	Very much	75	19	558	23	5,884	21	16,739	20								
		Total		388	100	2,568	100	28,743	100	83,443	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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## University of Massachusetts Boston

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				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	55	14	257	10	2,933	10	8,364	10	<b>2.5</b>	2.6 **	-0.16	2.6 **	-0.15	2.6 **	-0.16
		2	Sometimes	148	40	925	36	10,600	37	31,169	37							
		3	Often	125	33	975	39	10,538	37	30,553	37							
		4	Very often	52	13	383	15	4,289	16	12,129	16							
		Total		380	100	2,540	100	28,360	100	82,215	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	77	19	471	19	5,329	19	15,574	19	<b>2.2</b>	2.4 *	-0.13	2.3 *	-0.11	2.3 *	-0.10
		2	Sometimes	168	45	982	38	11,257	40	32,753	40							
		3	Often	101	27	765	30	8,349	29	24,000	29							
		4	Very often	35	9	311	13	3,280	12	9,387	12							
		Total		381	100	2,529	100	28,215	100	81,714	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	66	17	434	17	4,915	18	14,355	17	<b>2.3</b>	2.3	-0.07	2.3	-0.05	2.3	-0.06
		2	Sometimes	175	47	1,032	41	11,830	42	34,215	42							
		3	Often	99	27	779	31	8,386	30	24,445	30							
		4	Very often	36	9	261	10	2,992	11	8,384	11							
		Total		376	100	2,506	100	28,123	100	81,399	100							
<b>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.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	6	2	98	4	1,697	6	5,742	7	<b>7.4</b>	6.6 **	.16	6.3 ***	.19	6.1 ***	.24
		1.5	1-2	39	10	428	18	5,713	20	17,454	22							
		4	3-5	149	40	851	34	9,716	34	26,949	33							
		8	6-10	95	25	688	27	6,178	22	17,667	22							
		13	11-15	49	14	259	10	2,667	10	7,434	9							
		18	16-20	20	5	93	3	1,030	4	2,878	3							
		23	More than 20	16	4	90	4	1,090	4	3,090	4							
Total		374	100	2,507	100	28,091	100	81,214	100									
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	98	26	705	28	9,932	35	32,163	40	<b>2.8</b>	2.6	.06	2.5	.09	2.2 ***	.17
		1.5	1-2	145	39	1,037	42	10,270	36	27,752	34							
		4	3-5	79	21	479	19	4,882	18	12,928	16							
		8	6-10	35	9	197	8	1,932	7	5,473	7							
		13	11-15	12	3	49	2	639	2	1,709	2							
		18	16-20	4	1	15	1	175	1	427	1							
		23	More than 20	0	0	16	1	204	1	501	1							
Total		373	100	2,498	100	28,034	100	80,953	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Effect size <sup>e</sup>		Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	285	76	1,863	74	21,270	75	62,645	77	<b>1.1</b>	1.0	.01	1.1	-.02	1.0	.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	47	12	421	17	4,187	15	11,190	14								
		4	3-5	19	5	89	4	1,090	4	3,087	4								
		8	6-10	13	3	62	3	693	3	1,879	2								
		13	11-15	8	2	37	2	490	2	1,424	2								
		18	16-20	2	1	15	1	115	0	331	0								
		23	More than 20	0	0	11	0	186	1	475	1								
	Total			374	100	2,498	100	28,031	100	81,031	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.)											<b>60.2</b>	55.6	.06	55.1	.06	50.6 *	.13	△
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	16	5	95	4	1,112	5	3,744	5	<b>3.1</b>	3.2 **	-0.15	3.1	-0.02	3.0	.03	▽
		2	Sometimes	87	24	486	20	6,195	23	20,133	25								
		3	Often	117	32	774	30	9,157	33	26,052	32								
		4	Very often	151	39	1,138	46	11,546	40	30,913	38								
		Total		371	100	2,493	100	28,010	100	80,842	100								
b. People from an economic background other than your own	DDeconomic	1	Never	21	6	112	4	1,182	5	3,561	5	<b>2.9</b>	3.1 **	-0.16	3.0	-0.08	3.0	-0.08	▽
		2	Sometimes	100	28	550	22	6,508	24	19,558	24								
		3	Often	120	33	850	34	10,157	36	29,485	36								
		4	Very often	128	34	976	40	10,074	35	28,008	35								
		Total		369	100	2,488	100	27,921	100	80,612	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	23	6	154	6	1,648	6	5,182	7	<b>2.9</b>	3.0 **	-0.18	3.0	-0.10	2.9	-0.07	▽
		2	Sometimes	111	31	557	23	6,883	25	21,220	26								
		3	Often	118	32	797	31	9,324	33	26,728	33								
		4	Very often	118	31	979	40	10,072	35	27,488	34								
		Total		370	100	2,487	100	27,927	100	80,618	100								
d. People with political views other than your own	DDpolitical	1	Never	35	10	226	9	2,091	8	5,929	7	<b>2.7</b>	2.9 ***	-0.20	2.9 ***	-0.20	2.9 ***	-0.23	▽
		2	Sometimes	142	39	751	29	8,257	29	23,730	29								
		3	Often	99	27	701	27	8,924	32	25,895	32								
		4	Very often	92	24	812	34	8,676	31	25,133	32								
		Total		368	100	2,490	100	27,948	100	80,687	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston				Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	116	31	714	29	7,831	29	22,463	28	7%	8%	-.03	9%	-.05	9%	-.07			
			Do not plan to do	105	31	634	26	6,583	26	19,241	25										
			Plan to do	112	30	888	36	10,521	36	30,010	38										
			Done or in progress	27	7	203	8	2,491	9	7,263	9										
			Total	360	100	2,439	100	27,426	100	78,977	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	107	29	807	32	8,883	32	25,385	32	20%	12% ***	.24	12% ***	.22	13% ***	.19			
			Do not plan to do	81	24	624	26	7,252	27	21,101	28										
			Plan to do	95	26	726	30	7,868	28	21,996	27										
			Done or in progress	75	20	270	12	3,339	12	10,246	13										
			Total	358	100	2,427	100	27,342	100	78,728	100										
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	94	26	721	29	7,940	30	22,956	29	2%	2%	-.01	3%	-.03	2%	-.03			
			Do not plan to do	89	27	761	33	7,596	30	22,324	29										
			Plan to do	169	45	898	36	11,152	38	31,540	39										
			Done or in progress	6	2	52	2	664	3	1,867	2										
			Total	358	100	2,432	100	27,352	100	78,687	100										
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	136	38	898	37	10,567	39	29,957	38	2%	4% *	-.14	4%	-.12	5% *	-.15			
			Do not plan to do	81	23	508	21	6,567	24	18,995	24										
			Plan to do	131	37	920	37	9,167	33	26,220	33										
			Done or in progress	7	2	101	4	1,050	4	3,510	5										
			Total	355	100	2,427	100	27,351	100	78,682	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	120	33	746	31	9,739	36	27,981	36	1%	2%	-.08	2%	-.08	2%	-.08			
			Do not plan to do	43	13	280	12	3,089	12	9,323	12										
			Plan to do	188	53	1,353	55	13,985	50	39,768	50										
			Done or in progress	4	1	48	2	524	2	1,590	2										
			Total	355	100	2,427	100	27,337	100	78,662	100										
12. About how many of your courses at this institution have included a community-based project (service-learning)?				servcourse	1	None	195	55	1,313	55	13,236	49	38,293	49	1.6	1.5	.03	1.6	-.07	1.6	-.07
					2	Some	120	35	897	36	11,464	42	32,990	42							
					3	Most	26	8	170	7	2,062	8	5,724	7							
					4	All	8	2	35	2	430	2	1,212	2							
					Total		349	100	2,415	100	27,192	100	78,219	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	4	1	48	2	406	2	1,189	2	<b>5.1</b>	5.3 *	-13	5.4 ***	-18	5.4 ***	-21	
		2		8	2	60	2	541	2	1,484	2								
		3		28	9	125	5	1,348	5	3,701	5								
		4		57	16	318	14	3,460	13	9,470	12								
		5		110	32	689	28	7,484	27	21,410	27								
		6		76	21	598	25	7,214	26	21,426	27								
		7	Excellent	62	18	555	23	6,519	24	18,822	24								
		—	Not applicable	4	1	22	1	203	1	656	1								
			Total	349	100	2,415	100	27,175	100	78,158	100								
b. Academic advisors	QIadvisor	1	Poor	11	3	70	3	840	3	2,079	3	<b>5.0</b>	5.3 ***	-21	5.3 ***	-19	5.3 ***	-23	
		2		21	7	113	4	1,134	4	2,895	4								
		3		36	10	173	7	1,921	7	5,340	7								
		4		50	14	326	13	3,589	13	10,075	13								
		5		76	22	498	20	5,644	21	16,416	21								
		6		63	18	517	21	5,810	21	17,023	22								
		7	Excellent	84	23	690	30	7,625	29	22,614	29								
		—	Not applicable	7	2	24	1	560	2	1,608	2								
			Total	348	100	2,411	100	27,123	100	78,050	100								
c. Faculty	QIfaculty	1	Poor	9	3	38	2	482	2	1,311	2	<b>4.9</b>	5.3 ***	-26	5.3 ***	-27	5.3 ***	-32	
		2		15	5	90	4	786	3	1,973	2								
		3		25	8	143	6	1,677	6	4,362	5								
		4		68	20	357	14	3,883	14	10,758	13								
		5		115	32	650	26	7,293	26	20,937	27								
		6		56	16	626	26	7,217	27	21,414	27								
		7	Excellent	55	16	477	21	5,420	21	16,269	21								
		—	Not applicable	5	1	23	1	347	1	985	1								
			Total	348	100	2,404	100	27,105	100	78,009	100								

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# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	21	6	85	3	954	4	2,503	3	<b>4.6</b>	5.0 **	-0.21	5.1 ***	-0.28	5.1 ***	-0.34	
		2		26	7	102	4	1,066	4	2,740	3								
		3		32	9	183	7	1,823	7	5,040	6								
		4		53	15	378	15	3,697	13	10,347	13								
		5		76	23	509	21	5,770	21	17,064	22								
		6		50	14	428	17	5,518	19	16,805	21								
		7	Excellent	51	15	407	18	5,251	20	15,950	21								
		—	Not applicable	39	11	318	14	3,034	12	7,555	10								
	Total	348	100	2,410	100	27,113	100	78,004	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	18	5	87	4	972	4	2,758	4	<b>4.8</b>	5.0 *	-0.12	5.0 **	-0.16	5.1 **	-0.18	
		2		23	6	118	5	1,196	4	3,209	4								
		3		36	10	204	8	2,045	7	5,575	7								
		4		53	16	403	16	4,034	15	11,180	14								
		5		77	22	506	21	5,979	22	17,476	22								
		6		64	19	460	19	5,386	20	16,291	21								
		7	Excellent	60	18	430	19	5,164	20	15,308	20								
		—	Not applicable	17	4	195	8	2,348	9	6,258	8								
	Total	348	100	2,403	100	27,124	100	78,055	100										
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	1	37	2	405	2	1,264	2	<b>3.0</b>	3.1 **	-0.16	3.1 **	-0.15	3.1 **	-0.15	
		2	Some	90	27	483	20	5,232	20	15,308	20								
		3	Quite a bit	164	46	1,140	47	12,867	47	37,602	48								
		4	Very much	93	25	738	31	8,479	31	23,513	30								
			Total	351	100	2,398	100	26,983	100	77,687	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	14	5	86	4	900	4	2,741	4	<b>2.9</b>	3.0 **	-0.16	3.0 **	-0.17	3.0 **	-0.18	
		2	Some	107	31	557	24	6,041	23	17,020	22								
		3	Quite a bit	133	39	1,018	42	11,632	43	33,545	43								
		4	Very much	95	26	727	31	8,347	31	24,143	31								
			Total	349	100	2,388	100	26,920	100	77,449	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	24	8	114	5	1,472	6	4,279	6	<b>2.9</b>	3.1 ***	-0.19	3.1 **	-0.16	3.1 **	-0.16	
		2	Some	70	21	448	19	4,863	18	13,983	18								
		3	Quite a bit	144	41	893	37	10,354	38	29,523	38								
		4	Very much	112	30	936	39	10,208	38	29,602	38								
			Total	350	100	2,391	100	26,897	100	77,387	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	31	8	263	11	2,497	10	7,743	10	<b>2.7</b>	2.8	-.05	2.8	-.06	2.8	-.02
		2	Some	111	33	641	26	7,092	27	21,914	28							
		3	Quite a bit	116	33	840	35	9,713	35	27,808	36							
		4	Very much	92	25	641	28	7,549	28	19,838	26							
		Total		350	100	2,385	100	26,851	100	77,303	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	33	9	172	7	1,475	6	4,112	6	<b>2.8</b>	2.9 *	-.15	2.9 ***	-.22	3.0 ***	-.23
		2	Some	99	30	614	25	6,256	24	18,009	24							
		3	Quite a bit	126	36	945	39	10,829	40	31,343	40							
		4	Very much	90	24	656	28	8,269	31	23,705	31							
		Total		348	100	2,387	100	26,829	100	77,169	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	30	9	181	7	1,711	7	5,035	7	<b>2.8</b>	2.9	-.09	2.9 **	-.16	2.9 **	-.16
		2	Some	96	29	616	26	6,275	24	18,172	24							
		3	Quite a bit	133	38	955	40	10,528	39	30,693	40							
		4	Very much	88	24	620	27	8,258	30	23,158	30							
		Total		347	100	2,372	100	26,772	100	77,058	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	77	22	601	25	5,755	22	16,160	21	<b>2.3</b>	2.3	.01	2.4	-.08	2.4	-.07
		2	Some	132	41	875	36	9,582	35	27,970	36							
		3	Quite a bit	93	26	611	26	7,438	28	21,717	28							
		4	Very much	44	12	292	13	3,994	15	11,166	14							
		Total		346	100	2,379	100	26,769	100	77,013	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	57	17	250	10	2,581	10	6,728	9	<b>2.5</b>	2.7 ***	-.27	2.8 ***	-.28	2.8 ***	-.34
		2	Some	116	35	695	29	7,380	28	20,668	27							
		3	Quite a bit	104	30	866	36	10,072	37	29,477	38							
		4	Very much	71	19	564	25	6,702	25	20,045	26							
		Total		348	100	2,375	100	26,735	100	76,918	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	69	20	448	19	4,402	17	12,832	17	<b>2.4</b>	2.4	-.02	2.5	-.08	2.5	-.07
		2	Some	120	35	870	36	9,535	36	27,635	36							
		3	Quite a bit	103	30	705	29	8,423	31	23,901	31							
		4	Very much	55	15	352	15	4,380	16	12,573	16							
		Total		347	100	2,375	100	26,740	100	76,941	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston				Presidential Peers				Urban Peers				4-year Public Inst.				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>15. To what extent do you agree or disagree with the following statements?</b>																											
a. I feel comfortable being myself at this institution.	SBmyself <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	9	3	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				279	2	1,440	2	<b>3.1</b>	<i>Results suppressed due to insufficient number of 2020 institutions.</i>		3.2 ***	-0.24	3.2 ***	-0.27							
		2	Disagree	39	12					1,300	8	6,064	8														
		3	Agree	212	61					8,886	55	41,484	53														
		4	Strongly agree	86	24					5,449	34	27,862	37														
		Total	346	100	15,914					100	76,850	100															
b. I feel valued by this institution.	SBvalued <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	19	7	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				546	4	2,701	4	<b>2.7</b>	<i>Results suppressed due to insufficient number of 2020 institutions.</i>		2.9 ***	-0.27	3.0 ***	-0.30							
		2	Disagree	82	24					2,925	19	13,449	18														
		3	Agree	207	58					9,267	58	44,043	57														
		4	Strongly agree	41	11					3,155	20	16,566	22														
		Total	349	100	15,893					100	76,759	100															
c. I feel like part of the community at this institution.	SBcommunity <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	17	5	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				607	4	2,852	4	<b>2.7</b>	<i>Results suppressed due to insufficient number of 2020 institutions.</i>		2.9 ***	-0.28	3.0 ***	-0.34							
		2	Disagree	89	27					3,104	20	13,532	18														
		3	Agree	205	58					8,749	55	41,895	54														
		4	Strongly agree	37	10					3,460	21	18,582	24														
		Total	348	100	15,920					100	76,861	100															
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																											
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	0	17	1	106	0	333	1	<b>14.0</b>		14.6		-0.07		14.1		-0.01		13.9		.01			
		3	1-5 hrs	53	16	284	13	3,548	14	10,519	14																
		8	6-10 hrs	77	21	505	21	6,369	24	18,509	24																
		13	11-15 hrs	79	23	527	23	6,093	22	17,806	23																
		18	16-20 hrs	72	22	494	20	4,942	18	14,352	18																
		23	21-25 hrs	32	9	272	11	2,900	11	7,960	10																
		28	26-30 hrs	19	5	142	5	1,337	5	3,512	5																
		33	More than 30 hrs	14	4	131	5	1,347	5	3,625	5																
Total	347	100	2,372	100	26,642	100	76,616	100																			
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	176	51	1,025	44	10,183	40	26,887	36	<b>3.8</b>		4.6 *		-0.11		4.8 **		-0.15		5.3 ***		-0.21			
		3	1-5 hrs	85	25	697	28	8,203	30	24,806	32																
		8	6-10 hrs	34	10	308	13	3,923	14	11,457	15																
		13	11-15 hrs	32	9	157	7	2,126	8	6,474	9																
		18	16-20 hrs	6	2	98	4	1,141	4	3,538	5																
		23	21-25 hrs	5	2	42	2	544	2	1,727	2																
		28	26-30 hrs	2	0	18	1	186	1	580	1																
33	More than 30 hrs	2	1	24	1	253	1	909	1																		
Total	342	100	2,369	100	26,559	100	76,378	100																			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
c. Working for pay on campus	tmworkonhrs	0	0 hrs	290	84	1,903	82	21,914	83	62,639	82	<b>1.9</b>	2.3	-.06	2.3	-.06	2.3	-.05			
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	3	59	2	673	2	2,269	3										
	8	6-10 hrs	15	4	146	5	1,296	4	3,823	5											
	13	11-15 hrs	14	4	124	5	1,225	5	3,474	5											
	18	16-20 hrs	11	4	95	4	892	4	2,479	3											
	23	21-25 hrs	2	0	25	1	346	1	924	1											
	28	26-30 hrs	1	0	9	1	115	1	258	0											
	33	More than 30 hrs	1	0	9	0	138	1	520	1											
	Total			346	100	2,370	100	26,599	100	76,386	100										
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	165	48	1,329	56	16,148	60	50,104	66	<b>8.4</b>	7.5	.09	7.1 *	.13	5.7 ***	.28			
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	5	117	5	1,251	5	3,519	4										
	8	6-10 hrs	36	10	181	7	1,682	6	4,272	5											
	13	11-15 hrs	35	10	193	8	1,925	7	4,835	6											
	18	16-20 hrs	42	12	228	9	2,149	8	5,155	7											
	23	21-25 hrs	26	8	150	6	1,584	6	3,850	5											
	28	26-30 hrs	11	3	68	3	834	3	1,980	3											
	33	More than 30 hrs	13	4	102	5	1,044	5	2,746	4											
	Total			345	100	2,368	100	26,617	100	76,461	100										
Estimated number of hours working for pay	tmworkhrs											<b>10.2</b>	9.8	.04	9.3	.07	7.9 ***	.20			
	(Continuous variable created by NSSE)																				
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	234	69	1,542	64	15,712	60	46,099	61	<b>2.5</b>	2.5	.01	2.5	-.01	2.5	.00			
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	59	16	533	22	7,454	27	20,866	27										
	8	6-10 hrs	29	8	131	6	1,667	6	4,606	6											
	13	11-15 hrs	9	3	88	4	857	3	2,361	3											
	18	16-20 hrs	7	2	36	2	451	2	1,241	2											
	23	21-25 hrs	1	0	18	1	236	1	654	1											
	28	26-30 hrs	4	1	7	0	79	0	215	0											
	33	More than 30 hrs	1	0	15	1	141	1	390	1											
	Total			344	100	2,370	100	26,597	100	76,432	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	6	2	50	2	481	2	1,419	2	<b>12.7</b>	12.3	.05	12.5	.03	12.8	-.01
		3	1-5 hrs	89	25	539	23	5,446	21	14,940	19							
		8	6-10 hrs	90	25	609	25	7,266	27	20,235	26							
		13	11-15 hrs	62	18	506	21	5,664	21	16,348	21							
		18	16-20 hrs	31	9	302	13	3,545	13	11,016	14							
		23	21-25 hrs	27	8	137	6	1,730	7	5,117	7							
		28	26-30 hrs	12	3	66	3	711	3	2,131	3							
		33	More than 30 hrs	29	10	156	7	1,757	7	5,222	7							
	Total			346	100	2,365	100	26,600	100	76,428	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	228	66	1,629	68	19,158	71	57,974	76	<b>3.2</b>	3.3	-.02	3.1	.02	2.6	.09
		3	1-5 hrs	48	14	334	14	3,304	12	8,079	10							
		8	6-10 hrs	27	8	153	7	1,539	6	3,645	5							
		13	11-15 hrs	18	6	98	4	1,030	4	2,591	3							
		18	16-20 hrs	12	4	55	2	553	2	1,438	2							
		23	21-25 hrs	5	1	24	1	341	1	851	1							
		28	26-30 hrs	0	0	12	1	125	1	315	0							
		33	More than 30 hrs	4	1	55	3	498	3	1,423	2							
	Total			342	100	2,360	100	26,548	100	76,316	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	92	26	633	26	8,595	30	28,350	36	<b>7.4</b>	6.0 **	.21	5.3 ***	.32	4.7 ***	.41
		3	1-5 hrs	92	27	872	36	9,849	38	27,801	37							
		8	6-10 hrs	64	18	440	19	4,399	17	10,631	14							
		13	11-15 hrs	50	15	236	10	1,859	7	4,586	6							
		18	16-20 hrs	24	7	95	4	866	3	2,132	3							
		23	21-25 hrs	12	4	40	2	388	1	1,108	2							
		28	26-30 hrs	2	0	14	1	164	1	435	1							
		33	More than 30 hrs	10	3	47	2	495	2	1,414	2							
	Total			346	100	2,377	100	26,615	100	76,457	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston				Presidential Peers				Urban Peers				4-year Public Inst.				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.																
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>																	
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																																										
	reading	1	Very little	17	5	287	12	2,995	11	9,645	13	<b>3.0</b>	2.7 ***	.28	2.7 ***	.28	2.7 ***	.34																								
		2	Some	95	28	828	35	9,291	35	27,469	37																															
		3	About half	117	35	689	29	7,688	29	21,639	28																															
		4	Most	87	24	404	17	4,873	18	12,971	17																															
		5	Almost all	27	8	156	7	1,707	6	4,544	6																															
		Total		343	100	2,364	100	26,554	100	76,268	100																															
	tmreadinghrs																									<b>7.2</b>	6.6	.10	6.3 **	.16	6.0 ***	.20										
	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																																									
	tmreadinghrscol	1	0 hrs	1	0	16	1	104	0	327	0																															
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	159	47	1,210	52	13,803	53	41,597	56																															
		3	More than 5, up to 10 hrs	115	34	671	29	7,824	29	21,449	28																															
		4	More than 10, up to 15 hrs	32	9	222	10	2,511	9	6,660	8																															
		5	More than 15, up to 20 hrs	13	4	115	5	1,160	4	3,268	4																															
		6	More than 20, up to 25 hrs	18	6	86	3	735	3	2,001	3																															
		7	More than 25 hrs	3	1	32	1	301	1	711	1																															
		Total		341	100	2,352	100	26,438	100	76,013	100																															
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																																										
a. Writing clearly and effectively	pgwrite	1	Very little	19	5	179	7	1,817	7	5,641	8	<b>2.8</b>	2.8	-.05	2.8	-.01	2.8	.04																								
		2	Some	96	28	625	26	7,405	28	21,887	29																															
		3	Quite a bit	164	49	1,019	43	11,417	43	32,437	42																															
		4	Very much	65	18	536	24	5,792	22	16,115	21																															
		Total		344	100	2,359	100	26,431	100	76,080	100																															

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Speaking clearly and effectively	pgspeak	1	Very little	39	11	329	14	2,793	11	8,077	11	<b>2.6</b>	2.6	-0.03	2.7 **	-0.15	2.7 *	-0.13	
		2	Some	122	37	794	33	8,121	30	23,204	31				▽	▽			
		3	Quite a bit	132	39	814	34	10,045	38	29,268	38								
		4	Very much	47	13	419	19	5,472	21	15,388	20								
		Total		340	100	2,356	100	26,431	100	75,937	100								
c. Thinking critically and analytically	pgthink	1	Very little	14	4	100	4	764	3	2,332	3	<b>3.0</b>	3.0	-0.09	3.1 **	-0.14	3.1 *	-0.12	
		2	Some	74	23	500	21	5,111	19	14,967	20				▽	▽			
		3	Quite a bit	157	47	1,022	43	11,921	44	34,681	45								
		4	Very much	96	27	738	32	8,631	33	23,974	32								
		Total		341	100	2,360	100	26,427	100	75,954	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	52	15	304	13	2,820	11	7,908	10	<b>2.4</b>	2.7 ***	-0.26	2.7 ***	-0.29	2.7 ***	-0.30	
		2	Some	122	37	700	30	7,938	30	22,929	30				▽	▽			
		3	Quite a bit	133	39	838	36	9,895	37	28,683	38								
		4	Very much	36	10	517	22	5,765	22	16,410	22								
		Total		343	100	2,359	100	26,418	100	75,930	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	67	20	394	17	3,833	15	10,286	14	<b>2.3</b>	2.5 ***	-0.20	2.6 ***	-0.26	2.6 ***	-0.29	
		2	Some	125	37	797	34	8,756	33	24,786	32				▽	▽			
		3	Quite a bit	119	34	763	32	9,025	34	26,454	35								
		4	Very much	31	9	404	17	4,806	18	14,441	19								
		Total		342	100	2,358	100	26,420	100	75,967	100								
f. Working effectively with others	pgothers	1	Very little	38	11	200	9	1,685	7	4,641	7	<b>2.6</b>	2.8 *	-0.14	2.8 ***	-0.24	2.9 ***	-0.25	
		2	Some	103	30	683	29	7,116	27	20,075	27				▽	▽			
		3	Quite a bit	144	42	934	39	10,988	41	32,011	42								
		4	Very much	57	16	539	23	6,617	25	19,221	25								
		Total		342	100	2,356	100	26,406	100	75,948	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	48	14	339	15	2,844	12	8,369	12	<b>2.5</b>	2.6	-0.08	2.7 ***	-0.19	2.7 ***	-0.18	
		2	Some	118	36	703	31	7,584	29	22,115	29				▽	▽			
		3	Quite a bit	126	35	842	35	10,199	37	29,039	37								
		4	Very much	52	15	468	20	5,778	22	16,385	22								
		Total		344	100	2,352	100	26,405	100	75,908	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	30	9	223	10	1,944	8	6,452	9	<b>2.7</b>	2.8 *	-0.12	2.9 ***	-0.16	2.8	-0.10	
		2	Some	101	30	591	26	6,652	26	20,417	27								
		3	Quite a bit	145	42	878	37	10,331	38	29,027	37								
		4	Very much	67	19	658	28	7,501	28	20,075	26								
		Total		343	100	2,350	100	26,428	100	75,971	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	49	15	299	13	2,837	12	8,309	11	<b>2.5</b>	2.6 *	-0.13	2.7 ***	-0.21	2.7 ***	-0.21	
		2	Some	126	37	832	36	8,567	32	24,625	32								
		3	Quite a bit	124	36	783	32	9,637	36	27,666	36								
		4	Very much	41	12	433	19	5,384	20	15,384	20								
		Total		340	100	2,347	100	26,425	100	75,984	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	53	16	325	14	2,897	12	8,821	12	<b>2.5</b>	2.6	-0.08	2.7 ***	-0.21	2.6 **	-0.17	
		2	Some	117	35	815	34	8,234	31	24,349	32								
		3	Quite a bit	124	35	787	33	9,546	36	27,260	35								
		4	Very much	50	14	430	19	5,761	22	15,657	21								
		Total		344	100	2,357	100	26,438	100	76,087	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	11	4	40	2	452	2	1,385	2	<b>2.8</b>	3.0 ***	-0.34	3.1 ***	-0.44	3.1 ***	-0.44	
		2	Fair	96	28	412	18	3,936	15	11,197	15								
		3	Good	183	52	1,315	55	14,011	52	39,916	51								
		4	Excellent	58	16	597	26	8,171	31	23,923	32								
		Total		348	100	2,364	100	26,570	100	76,421	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	21	6	95	4	931	4	2,701	4	<b>2.9</b>	3.1 ***	-0.26	3.2 ***	-0.34	3.2 ***	-0.36	
		2	Probably no	73	22	354	15	3,680	14	10,223	13								
		3	Probably yes	170	48	1,149	48	12,325	46	33,946	44								
		4	Definitely yes	84	24	776	33	9,738	37	29,946	39								
		Total		348	100	2,374	100	26,674	100	76,816	100								
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																			
	returnexp	No		22	7	75	3	944	4	3,046	4	<b>80%</b>	89% ***	-0.26	89% ***	-0.25	88% ***	-0.24	
		(Means indicate the percentage who responded "Yes.")	Yes	282	80	2,111	89	23,864	89	68,258	88								
		Not sure	44	14	186	8	1,907	8	5,693	8									
		Total		348	100	2,372	100	26,715	100	76,997	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	9	3	140	4	1,514	4	4,159	4	<b>3.0</b>	2.9	.10	3.0	.04	3.0	.04
		2	Sometimes	93	27	1,099	32	13,655	30	36,969	30							
		3	Often	121	37	1,089	32	14,413	32	40,304	32							
		4	Very often	108	34	1,136	33	15,628	35	44,395	35							
		Total		331	100	3,464	100	45,210	100	125,827	100							
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	22	7	219	6	3,262	7	8,471	7	<b>3.0</b>	3.0	.03	2.9	.08	3.0	.01
		2	Often	38	11	514	15	7,022	16	17,272	14							
		3	Sometimes	189	58	1,876	54	24,344	53	66,088	52							
		4	Never	82	25	850	25	10,417	24	33,579	27							
		Total		331	100	3,459	100	45,045	100	125,410	100							
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	194	58	1,882	55	22,753	50	64,751	52	<b>1.6</b>	1.6 *	-.11	1.7 ***	-.18	1.7 **	-.15
		2	Sometimes	99	31	1,066	31	15,090	34	41,822	33							
		3	Often	24	8	317	9	4,444	10	11,337	9							
		4	Very often	10	3	180	5	2,689	6	7,266	6							
		Total		327	100	3,445	100	44,976	100	125,176	100							
d. Asked another student to help you understand course material	CLaskhelp	1	Never	57	18	497	15	4,962	12	15,432	13	<b>2.3</b>	2.5 **	-.18	2.5 ***	-.24	2.5 ***	-.23
		2	Sometimes	160	49	1,389	40	18,940	43	51,542	41							
		3	Often	73	22	962	28	13,501	29	37,327	29							
		4	Very often	39	12	586	17	7,502	16	20,729	16							
		Total		329	100	3,434	100	44,905	100	125,030	100							
e. Explained course material to one or more students	CLexplain	1	Never	22	6	210	6	1,973	5	7,370	6	<b>2.7</b>	2.7	-.07	2.8 *	-.11	2.8	-.09
		2	Sometimes	133	41	1,193	35	15,749	35	43,318	35							
		3	Often	111	33	1,303	38	17,192	38	46,999	37							
		4	Very often	64	20	727	21	9,930	22	27,168	22							
		Total		330	100	3,433	100	44,844	100	124,855	100							
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	85	26	641	19	6,698	16	20,812	17	<b>2.3</b>	2.5 ***	-.22	2.5 ***	-.27	2.5 ***	-.25
		2	Sometimes	116	35	1,123	33	15,878	35	42,389	34							
		3	Often	87	27	939	27	13,003	29	35,974	29							
		4	Very often	40	13	714	21	9,103	20	25,087	20							
		Total		328	100	3,417	100	44,682	100	124,262	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
g. Worked with other students on course projects or assignments	CLproject	1	Never	30	9	274	9	2,134	5	8,035	7	2.7	2.8 **	-0.17	2.9 ***	-0.31	2.9 ***	-0.26			
		2	Sometimes	131	39	991	29	11,947	27	33,614	27								▽	▽	▽
		3	Often	98	29	1,194	35	16,703	37	45,435	36										
		4	Very often	69	22	945	27	13,743	30	36,637	30										
		Total		328	100	3,404	100	44,527	100	123,721	100										
h. Given a course presentation	present	1	Never	21	6	466	14	4,235	10	13,622	12	2.7	2.6	.10	2.7	-0.06	2.7	-0.01			
		2	Sometimes	133	41	1,173	35	13,692	32	39,074	32										
		3	Often	106	32	1,032	30	14,671	32	39,866	32										
		4	Very often	63	21	738	21	11,877	25	30,995	24										
		Total		323	100	3,409	100	44,475	100	123,557	100										
<b>2. During the current school year, about how often have you done the following?</b>																					
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	23	7	141	4	1,569	4	4,950	4	2.8	2.9 *	-0.12	2.9 ***	-0.19	2.9 **	-0.17			
		2	Sometimes	95	31	1,006	31	11,681	27	33,300	28								▽	▽	▽
		3	Often	134	41	1,331	39	18,194	41	50,032	41										
		4	Very often	68	21	899	26	12,637	28	34,073	27										
		Total		320	100	3,377	100	44,081	100	122,355	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	22	7	344	11	3,185	8	9,137	8	2.8	2.7 **	.18	2.8	.07	2.7	.09			
		2	Sometimes	92	29	1,121	34	13,560	32	38,829	33								△		
		3	Often	120	38	1,127	33	15,806	35	43,938	35										
		4	Very often	85	26	772	22	11,330	25	29,800	23										
		Total		319	100	3,364	100	43,881	100	121,704	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	29	10	587	19	5,626	14	15,936	15	2.7	2.5 ***	.23	2.6	.11	2.6 *	.14			
		2	Sometimes	108	35	1,120	34	14,325	33	41,484	35								△		△
		3	Often	99	30	946	27	13,619	30	37,189	30										
		4	Very often	80	25	690	20	10,080	22	26,314	21										
		Total		316	100	3,343	100	43,650	100	120,923	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	19	5	191	6	2,145	5	5,775	5	2.8	2.8	.00	2.8	-0.05	2.8	-0.04			
		2	Sometimes	103	31	1,025	31	12,728	29	35,710	30										
		3	Often	134	42	1,352	41	18,574	43	51,384	43										
		4	Very often	63	21	742	22	9,907	23	27,091	22										
		Total		319	100	3,310	100	43,354	100	119,960	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	11	3	138	5	1,240	3	3,406	3	<b>3.0</b>	2.9	.07	3.0	-.02	3.0	.00	
		2	Sometimes	76	26	819	26	9,979	24	28,422	24								
		3	Often	139	43	1,420	43	19,103	44	52,841	44								
		4	Very often	87	28	901	27	12,602	29	33,861	28								
		Total		313	100	3,278	100	42,924	100	118,530	100								
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	8	2	82	3	907	2	2,460	2	<b>3.0</b>	2.9	.04	3.0	.00	3.0	.01	
		2	Sometimes	82	26	857	27	10,660	26	30,022	26								
		3	Often	133	43	1,441	45	18,959	44	52,566	44								
		4	Very often	87	28	846	26	11,948	28	32,106	27								
		Total		310	100	3,226	100	42,474	100	117,154	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	37	1	427	1	1,204	1	<b>3.2</b>	3.1	.06	3.2	-.02	3.2	-.01	
		2	Sometimes	51	16	603	19	6,590	16	18,460	16								
		3	Often	145	47	1,448	46	19,611	46	54,507	47								
		4	Very often	108	35	1,106	34	15,503	36	41,896	36								
		Total		308	100	3,194	100	42,131	100	116,067	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	51	17	676	22	7,442	19	20,273	18	<b>2.4</b>	2.3	.06	2.4	-.04	2.4	-.06	
		2	Sometimes	132	43	1,321	41	17,054	41	45,620	39								
		3	Often	80	25	688	21	9,972	23	28,157	24								
		4	Very often	44	14	510	16	7,632	18	21,918	19								
		Total		307	100	3,195	100	42,100	100	115,968	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	164	52	1,537	49	18,410	44	49,031	43	<b>1.8</b>	1.8	-.05	1.9 *	-.14	2.0 **	-.17	
		2	Sometimes	76	26	902	28	12,500	30	34,834	30								
		3	Often	43	15	448	14	6,427	15	18,380	16								
		4	Very often	23	8	293	9	4,609	11	13,334	11								
		Total		306	100	3,180	100	41,946	100	115,579	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	87	28	942	30	11,647	28	32,042	28	<b>2.1</b>	2.1	.04	2.1	-.04	2.1	-.05	
		2	Sometimes	127	41	1,330	42	17,036	41	46,090	40								
		3	Often	65	22	603	19	8,399	20	23,533	21								
		4	Very often	24	8	280	9	4,592	11	12,998	11								
		Total		303	100	3,155	100	41,674	100	114,663	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Discussed your academic performance with a faculty member	SFperform	1	Never	61	21	813	26	9,773	24	26,724	24	<b>2.2</b>	2.1	.08	2.2	.02	2.2	.01
		2	Sometimes	145	47	1,399	44	18,261	44	49,824	43							
		3	Often	70	23	639	20	9,146	21	25,308	22							
		4	Very often	30	9	304	10	4,495	11	12,881	11							
		Total		306	100	3,155	100	41,675	100	114,737	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	25	9	219	7	2,654	7	7,500	7	<b>2.8</b>	2.8	-.04	2.8	-.08	2.8	-.06
		2	Some	87	29	963	31	11,655	29	33,197	29							
		3	Quite a bit	120	39	1,216	39	16,782	40	46,022	40							
		4	Very much	73	23	743	23	10,332	24	27,254	24							
		Total		305	100	3,141	100	41,423	100	113,973	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	4	99	3	1,229	3	3,292	3	<b>2.9</b>	3.0 *	-0.13	3.1 **	-0.15	3.1 **	-0.15
		2	Some	74	25	644	21	8,256	20	23,208	20							
		3	Quite a bit	133	45	1,408	45	18,432	45	50,639	45							
		4	Very much	83	26	975	31	13,356	32	36,291	32							
		Total		303	100	3,126	100	41,273	100	113,430	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	18	6	111	4	1,346	4	3,748	4	<b>3.0</b>	3.0	-.02	3.0	-.04	3.0	-.02
		2	Some	54	19	668	22	8,805	22	24,897	22							
		3	Quite a bit	136	46	1,376	44	17,749	43	48,750	43							
		4	Very much	89	30	941	30	13,042	32	35,008	31							
		Total		297	100	3,096	100	40,942	100	112,403	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	13	4	200	7	2,027	6	5,704	6	<b>3.0</b>	2.9 *	.14	2.9	.05	2.9	.06
		2	Some	62	23	780	26	9,547	24	26,844	24							
		3	Quite a bit	135	45	1,338	43	17,525	42	47,625	42							
		4	Very much	86	28	766	25	11,700	28	31,660	28							
		Total		296	100	3,084	100	40,799	100	111,833	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	19	6	122	4	1,631	4	4,410	4	<b>3.0</b>	2.9	.05	2.9	.01	2.9	.01
		2	Some	57	20	788	26	9,623	24	26,335	24							
		3	Quite a bit	133	46	1,393	45	17,881	43	49,591	44							
		4	Very much	87	28	779	25	11,527	28	31,096	28							
		Total		296	100	3,082	100	40,662	100	111,432	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	UMass Boston Mean	Presidential Peers Mean	Effect size <sup>e</sup>	Urban Peers Mean	Effect size <sup>e</sup>	4-year Public Inst. Mean	Effect size <sup>e</sup>
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	7	3	78	3	843	2	2,422	2	<b>3.2</b>	3.1	.08	3.1	.04	3.1	.04
		2	Some	48	17	596	19	7,056	18	19,764	18							
		3	Quite a bit	125	42	1,318	43	17,563	43	47,993	43							
		4	Very much	114	39	1,070	35	14,947	36	40,545	36							
		Total		294	100	3,062	100	40,409	100	110,724	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	4	159	5	1,701	5	4,657	4	<b>3.1</b>	3.0	.09	3.0	.02	3.0	.02
		2	Some	53	17	657	22	7,840	20	22,030	20							
		3	Quite a bit	136	47	1,314	42	17,627	43	47,852	43							
		4	Very much	93	31	915	30	13,136	32	35,875	33							
		Total		292	100	3,045	100	40,304	100	110,414	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	13	4	116	4	1,286	4	3,713	4	<b>3.1</b>	3.0	.09	3.1	-.01	3.1	.00
		2	Some	51	17	680	22	7,732	19	21,297	19							
		3	Quite a bit	124	43	1,291	43	16,598	41	45,384	41							
		4	Very much	100	35	961	31	14,628	36	39,876	36							
		Total		288	100	3,048	100	40,244	100	110,270	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	33	12	364	12	3,920	11	10,597	10	<b>2.7</b>	2.7	.03	2.8	-.05	2.8	-.07
		2	Some	78	28	935	31	11,556	30	31,370	29							
		3	Quite a bit	111	39	1,041	34	13,826	34	38,163	34							
		4	Very much	66	22	703	23	10,881	26	29,916	27							
		Total		288	100	3,043	100	40,183	100	110,046	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	32	10	297	10	3,190	8	8,912	9	<b>2.8</b>	2.7 *	.12	2.8	.05	2.8	.04
		2	Some	66	23	948	31	11,764	30	31,901	29							
		3	Quite a bit	112	40	1,120	37	15,032	37	41,119	37							
		4	Very much	79	26	675	22	10,129	25	27,922	25							
		Total		289	100	3,040	100	40,115	100	109,854	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

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*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean			
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	45	14	290	9	4,334	10	11,614	10	<b>2.6</b>	2.7	-.11	2.7	-.08	2.7	-.08
		2	Sometimes	95	32	1,014	33	13,723	34	37,581	34							
		3	Often	95	35	1,123	38	14,104	36	38,710	36							
		4	Very often	50	18	577	20	7,511	20	20,641	20							
		Total		285	100	3,004	100	39,672	100	108,546	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	43	14	557	18	7,207	18	19,541	18	<b>2.5</b>	2.4	.10	2.4	.07	2.4	.08
		2	Sometimes	104	36	1,080	36	14,397	36	39,680	36							
		3	Often	93	35	909	31	11,723	30	31,783	29							
		4	Very often	43	16	442	15	6,218	16	17,066	16							
		Total		283	100	2,988	100	39,545	100	108,070	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	45	15	474	16	6,307	16	17,333	16	<b>2.4</b>	2.4	.00	2.5	-.03	2.4	-.02
		2	Sometimes	117	41	1,158	39	15,012	38	41,508	38							
		3	Often	79	30	967	32	12,429	32	33,419	31							
		4	Very often	40	14	385	13	5,678	15	15,410	15							
		Total		281	100	2,984	100	39,426	100	107,670	100							
<b>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.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	9	4	217	8	2,613	7	7,384	7	<b>7.8</b>	7.0 *	.13	7.3	.09	7.2	.10
		1.5	1-2	46	16	593	20	7,042	18	19,641	19							
		4	3-5	73	28	851	29	11,542	29	31,571	29							
		8	6-10	73	25	638	21	8,693	22	23,223	21							
		13	11-15	40	14	306	10	4,244	11	11,383	10							
		18	16-20	15	6	141	4	2,055	5	5,611	5							
		23	More than 20	21	7	232	8	3,093	8	8,564	8							
		Total		277	100	2,978	100	39,282	100	107,377	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	45	17	741	26	9,412	25	27,626	27	<b>4.2</b>	3.7	.10	3.6 *	.12	3.4 **	.16
		1.5	1-2	79	29	925	31	12,690	32	34,711	32							
		4	3-5	74	27	702	23	9,282	23	24,583	22							
		8	6-10	55	19	361	12	4,775	12	12,181	11							
		13	11-15	15	5	133	5	1,698	4	4,364	4							
		18	16-20	2	1	44	1	593	1	1,641	2							
		23	More than 20	4	1	60	2	700	2	1,857	2							
Total		274	100	2,966	100	39,150	100	106,963	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	106	39	1,408	48	18,742	49	53,478	51	<b>2.0</b>	2.2	-.05	2.1	-.02	2.0	.00	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	109	39	960	31	12,711	31	33,658	31								
		4	3-5	43	14	312	11	4,095	10	10,540	10								
		8	6-10	11	4	147	5	1,740	4	4,404	4								
		13	11-15	7	3	72	3	1,018	3	2,649	2								
		18	16-20	0	0	28	1	356	1	942	1								
		23	More than 20	2	1	47	2	560	2	1,501	1								
		Total			278	100	2,974	100	39,222	100	107,172	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.)									<b>86.9</b>	83.0	.04	81.7	.05	78.5	.08	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	8	3	134	5	1,553	4	5,017	5	<b>3.2</b>	3.2	.04	3.1	.10	3.1 *	.15	
		2	Sometimes	50	18	536	19	7,806	21	23,782	22								
		3	Often	89	30	857	29	12,036	30	32,898	30								
		4	Very often	133	48	1,435	48	17,792	45	45,445	42								
			Total	280	100	2,962	100	39,187	100	107,142	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	4	126	4	1,542	4	4,404	4	<b>3.1</b>	3.1	.01	3.1	.05	3.1	.06	
		2	Sometimes	63	23	614	22	8,445	22	23,751	22								
		3	Often	93	32	966	32	13,575	35	37,847	35								
		4	Very often	113	42	1,252	42	15,530	39	40,851	38								
			Total	278	100	2,958	100	39,092	100	106,853	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	12	4	169	6	2,194	6	6,267	6	<b>3.1</b>	3.1	.08	3.0	.11	3.0 *	.14	
		2	Sometimes	59	21	660	23	9,151	24	26,303	25								
		3	Often	93	32	925	31	12,629	32	34,819	32								
		4	Very often	116	43	1,208	40	15,128	38	39,472	37								
			Total	280	100	2,962	100	39,102	100	106,861	100								
d. People with political views other than your own	DDpolitical	1	Never	20	6	237	8	2,697	7	7,327	7	<b>2.9</b>	2.9	.02	2.9	.00	2.9	-.02	
		2	Sometimes	87	32	839	29	11,510	29	30,607	28								
		3	Often	79	28	873	29	11,995	31	33,248	31								
		4	Very often	91	34	1,008	34	12,903	33	35,768	34								
			Total	277	100	2,957	100	39,105	100	106,950	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	7	3	90	3	983	3	2,828	3	<b>3.2</b>	3.0 **	.18	3.1 *	.15	3.1 *	.15	
		2	Sometimes	46	16	612	21	7,984	21	21,982	21								
		3	Often	113	41	1,303	44	17,105	44	46,221	43								
		4	Very often	110	40	941	31	12,842	32	35,328	33								
		Total		276	100	2,946	100	38,914	100	106,359	100								
b. Reviewed your notes after class	LSnotes	1	Never	16	6	220	8	2,531	7	7,145	7	<b>2.9</b>	2.8	.05	2.9	.04	2.9	.03	
		2	Sometimes	79	30	860	30	11,640	30	31,324	30								
		3	Often	96	35	1,008	33	13,208	34	35,596	33								
		4	Very often	85	30	852	29	11,509	29	32,213	30								
		Total		276	100	2,940	100	38,888	100	106,278	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	17	6	197	7	2,604	7	6,983	7	<b>2.8</b>	2.8	.04	2.8	.02	2.8	.00	
		2	Sometimes	89	33	889	30	11,590	30	30,933	29								
		3	Often	89	32	1,116	38	14,442	37	39,155	37								
		4	Very often	82	29	744	25	10,251	26	29,209	27								
		Total		277	100	2,946	100	38,887	100	106,280	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	5	2	38	1	458	1	1,055	1	<b>5.3</b>	5.5 *	-.13	5.5 *	-.14	5.5 **	-.17	
		2		7	3	57	2	616	2	1,493	2								
		3		14	5	148	5	1,871	5	4,842	5								
		4		37	14	299	10	4,131	11	11,303	11								
		5		83	31	822	28	11,101	29	30,250	29								
		6		56	21	720	25	9,497	24	26,371	25								
		7	Very much	73	24	844	28	10,965	28	30,344	28								
		Total		275	100	2,928	100	38,639	100	105,658	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		24	9	325	11	3,985	10	10,952	10	<b>42%</b>	45%	-.06	47%	-.09	47%	-.09	
		Do not plan to do		48	18	514	18	5,714	16	16,146	16								
		Plan to do		80	31	739	25	10,596	27	28,578	27								
		Done or in progress		118	42	1,352	45	18,290	47	49,742	47								
		Total		270	100	2,930	100	38,585	100	105,418	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	42	15	381	13	5,120	13	13,513	13	<b>22%</b>	26%	-0.11	30% **	-0.19	32% ***	-0.24	
			Do not plan to do	138	51	1,420	50	17,790	46	47,775	45								
			Plan to do	31	12	314	11	3,878	10	9,983	10								
			Done or in progress	59	22	809	26	11,717	30	33,957	32								
			Total	270	100	2,924	100	38,505	100	105,228	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	31	12	419	14	6,067	16	16,174	15	<b>21%</b>	19%	0.05	21%	0.00	22%	-0.04	
			Do not plan to do	142	52	1,561	54	19,609	51	53,096	51								
			Plan to do	40	15	351	12	4,621	12	12,010	11								
			Done or in progress	56	21	583	19	8,071	21	23,546	22								
			Total	269	100	2,914	100	38,368	100	104,826	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	38	15	382	13	5,224	14	13,975	13	<b>11%</b>	8%	0.09	11%	-0.01	12%	-0.04	
			Do not plan to do	179	66	2,061	71	25,733	67	70,061	67								
			Plan to do	21	9	238	9	3,207	9	8,444	8								
			Done or in progress	27	11	233	8	4,227	11	12,399	12								
			Total	265	100	2,914	100	38,391	100	104,879	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	53	19	522	18	6,727	17	17,690	17	<b>21%</b>	21%	0.00	20%	0.02	22%	-0.03	
			Do not plan to do	113	42	1,334	46	18,498	47	50,210	47								
			Plan to do	45	18	440	15	5,495	15	14,103	14								
			Done or in progress	57	21	613	21	7,668	20	22,833	22								
			Total	268	100	2,909	100	38,388	100	104,836	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	19	7	317	11	4,257	11	11,558	11	<b>53%</b>	39% ***	0.29	41% ***	0.24	42% ***	0.23	
			Do not plan to do	33	12	693	24	8,168	21	22,556	22								
			Plan to do	73	28	744	26	9,739	26	26,639	26								
			Done or in progress	144	53	1,152	39	16,202	41	44,075	42								
			Total	269	100	2,906	100	38,366	100	104,828	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
servcourse	1	None		109	42	1,303	47	14,412	39	40,330	40	<b>1.8</b>	1.7 *	0.15	1.8	0.04	1.7	0.06	
			2	Some	119	44	1,260	42	18,772	48	50,739								48
			3	Most	24	9	259	9	4,104	10	10,823								10
			4	All	13	5	74	3	935	2	2,483								2
			Total	265	100	2,896	100	38,223	100	104,375	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	5	2	43	2	491	1	1,339	1	<b>5.4</b>	5.5	-.05	5.6 *	-.12	5.6 *	-.15
		2		3	1	51	2	608	2	1,586	2							
		3		17	6	144	5	1,504	4	4,007	4							
		4		35	13	360	12	3,871	10	10,244	10							
		5		68	26	731	25	9,633	25	25,530	24							
		6		68	24	701	24	10,527	27	29,034	28							
	7	Excellent	71	27	832	29	11,261	29	30,930	30								
	—	Not applicable	1	0	39	2	330	1	1,698	2								
		Total		268	100	2,901	100	38,225	100	104,368	100							
b. Academic advisors	QIadvisor	1	Poor	16	6	158	6	1,937	5	4,893	5	<b>5.3</b>	5.1 *	.13	5.1	.11	5.2	.06
		2		6	2	173	6	2,039	5	5,043	5							
		3		20	7	235	8	3,072	8	7,816	8							
		4		25	9	395	13	5,089	13	13,175	13							
		5		59	22	521	18	7,324	19	19,740	19							
		6		60	22	536	18	7,181	19	20,257	19							
	7	Excellent	81	31	840	29	10,975	29	31,739	31								
	—	Not applicable	0	0	40	2	561	1	1,587	1								
		Total		267	100	2,898	100	38,178	100	104,250	100							
c. Faculty	QIfaculty	1	Poor	6	2	55	2	678	2	1,825	2	<b>5.4</b>	5.3	.06	5.4	-.02	5.5	-.04
		2		8	3	81	3	859	2	2,340	2							
		3		16	6	175	6	1,972	5	5,192	5							
		4		32	13	407	14	4,675	12	12,258	12							
		5		61	23	699	24	9,285	24	24,749	24							
		6		71	27	783	27	10,508	27	28,813	28							
	7	Excellent	73	28	677	23	9,914	26	28,060	27								
	—	Not applicable	0	0	23	1	294	1	977	1								
		Total		267	100	2,900	100	38,185	100	104,214	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	19	7	152	5	1,727	5	4,518	4	<b>4.9</b>	4.9	.00	4.9	-.04	5.0	-.07
		2		13	5	121	4	1,655	4	4,317	4							
		3		18	7	214	7	2,663	7	7,032	7							
		4		27	10	374	13	5,013	13	13,017	12							
		5		45	18	465	16	6,977	18	19,207	18							
		6		45	16	449	15	6,417	17	18,154	17							
		7	Excellent	51	19	484	17	6,691	18	19,299	19							
		—	Not applicable	49	18	637	22	7,010	19	18,629	18							
	Total	267	100	2,896	100	38,153	100	104,173	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	24	9	179	6	1,985	5	5,090	5	<b>4.8</b>	4.8	-.02	4.9	-.06	4.9	-.09
		2		13	5	136	5	1,991	5	5,179	5							
		3		19	7	240	8	3,211	8	8,253	8							
		4		41	16	454	16	5,808	15	15,304	15							
		5		52	19	587	20	7,925	20	21,836	21							
		6		49	18	537	19	7,165	18	20,448	19							
		7	Excellent	57	21	526	18	7,296	20	20,691	20							
		—	Not applicable	12	4	235	9	2,794	8	7,437	7							
	Total	267	100	2,894	100	38,175	100	104,238	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	5	2	59	2	778	2	1,948	2	<b>3.0</b>	3.1	-.11	3.1	-.08	3.1	-.11
		2	Some	64	24	516	18	7,188	19	19,182	18							
		3	Quite a bit	106	42	1,304	45	17,159	45	46,890	45							
		4	Very much	92	32	1,003	34	12,927	34	35,878	35							
			Total	267	100	2,882	100	38,052	100	103,898	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	14	6	178	6	2,112	6	5,716	6	<b>2.9</b>	2.8	.03	2.9	-.01	2.9	-.03
		2	Some	68	25	791	27	9,793	26	26,337	26							
		3	Quite a bit	118	45	1,202	42	15,967	42	43,663	42							
		4	Very much	64	24	702	25	10,084	26	27,956	27							
			Total	264	100	2,873	100	37,956	100	103,672	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	24	9	290	10	3,734	10	10,231	10	<b>2.9</b>	2.8	.10	2.8	.07	2.8	.06
		2	Some	60	24	779	27	9,670	26	25,974	25							
		3	Quite a bit	99	37	1,063	37	14,077	37	38,386	37							
		4	Very much	81	30	750	26	10,459	27	28,932	28							
			Total	264	100	2,882	100	37,940	100	103,523	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	25	9	403	14	4,843	13	14,678	15	<b>2.8</b>	2.6 **	.20	2.7 *	.14	2.6 **	.20			
		2	Some	74	28	878	31	10,821	29	31,023	30								△	△	△
		3	Quite a bit	83	32	930	32	12,658	33	33,663	32										
		4	Very much	80	31	661	23	9,562	25	24,058	23										
		Total		262	100	2,872	100	37,884	100	103,422	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	36	13	323	11	3,055	8	8,651	9	<b>2.7</b>	2.7	-.02	2.8 *	-.17	2.8 *	-.17			
		2	Some	81	32	876	30	10,217	27	27,412	27										
		3	Quite a bit	80	30	1,042	36	14,447	38	39,804	38										
		4	Very much	66	25	631	22	10,132	27	27,439	26										
		Total		263	100	2,872	100	37,851	100	103,306	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	34	13	398	14	4,154	11	11,550	12	<b>2.6</b>	2.6	.01	2.8	-.12	2.7	-.11			
		2	Some	82	32	879	31	10,355	28	28,410	28										
		3	Quite a bit	84	32	986	35	13,555	35	37,213	36										
		4	Very much	62	23	604	21	9,743	26	26,044	25										
		Total		262	100	2,867	100	37,807	100	103,217	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	83	31	1,091	38	12,623	33	33,844	33	<b>2.1</b>	2.0	.11	2.1	.02	2.1	.02			
		2	Some	96	38	953	33	12,906	34	35,730	35										
		3	Quite a bit	50	19	542	20	7,887	21	21,787	21										
		4	Very much	34	12	280	10	4,364	12	11,707	11										
		Total		263	100	2,866	100	37,780	100	103,068	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	66	26	525	18	6,099	16	16,262	16	<b>2.3</b>	2.5 **	-.17	2.6 ***	-.28	2.6 ***	-.29			
		2	Some	86	34	1,000	34	12,095	32	32,005	31										
		3	Quite a bit	71	26	892	32	12,422	33	34,352	33										
		4	Very much	37	14	451	16	7,136	20	20,331	20										
		Total		260	100	2,868	100	37,752	100	102,950	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	53	20	639	23	7,855	21	22,478	22	<b>2.4</b>	2.3 *	.13	2.4	.06	2.3	.11			
		2	Some	89	34	1,108	38	13,840	37	38,533	37										
		3	Quite a bit	79	30	757	26	10,676	28	28,049	27										
		4	Very much	40	16	360	13	5,367	14	13,933	13										
		Total		261	100	2,864	100	37,738	100	102,993	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>										
				UMass Boston				Presidential Peers		Urban Peers		4-year Public Inst.		Your seniors compared with								
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
<b>15. To what extent do you agree or disagree with the following statements?</b>																						
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	2	1	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				566	3	2,416	3	<b>3.3</b>	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				3.3	.00	3.3	-.04
		2	Disagree	16	7					1,593	7	6,905	7									
		3	Agree	144	55					11,267	49	49,601	47									
		4	Strongly agree	98	37					9,203	41	44,104	43									
			Total	260	100					22,629	100	103,026	100									
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	24	10	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				1,569	8	6,889	7	<b>2.7</b>	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				2.9 *	-.14	2.9 **	-.17
		2	Disagree	65	25					4,628	20	19,947	20									
		3	Agree	119	45					11,534	50	51,806	49									
		4	Strongly agree	52	20					4,867	22	24,264	24									
			Total	260	100					22,598	100	102,906	100									
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	22	9	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				1,417	7	5,918	6	<b>2.7</b>	<i>Results suppressed due to insufficient number of 2020 institutions.</i>				2.9 ***	-.22	2.9 ***	-.27
		2	Disagree	76	29					4,535	20	19,479	19									
		3	Agree	114	44					11,555	50	51,651	49									
		4	Strongly agree	48	18					5,106	23	25,941	25									
			Total	260	100					22,613	100	102,989	100									
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																						
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	3	1	11	0	162	1	430	0	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"><b>13.6</b></div> <div style="text-align: center;">14.9 *</div> <div style="text-align: center;">-.14</div> <div style="text-align: center;">14.5</div> <div style="text-align: center;">-.10</div> <div style="text-align: center;">14.7 *</div> <div style="text-align: center;">-.13</div> </div>										
		3	1-5 hrs	51	20	409	14	5,431	14	13,979	14											
		8	6-10 hrs	62	24	645	23	9,243	24	24,587	24											
		13	11-15 hrs	40	16	561	20	7,846	21	21,267	20											
		18	16-20 hrs	47	16	479	17	6,447	17	18,068	18											
		23	21-25 hrs	27	12	327	11	3,702	10	10,491	10											
		28	26-30 hrs	13	5	184	6	2,099	6	5,979	6											
		33	More than 30 hrs	17	6	239	8	2,686	7	7,886	8											
			Total	260	100	2,855	100	37,616	100	102,687	100											
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	143	55	1,453	51	17,308	46	45,574	44	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"><b>3.9</b></div> <div style="text-align: center;">4.2</div> <div style="text-align: center;">-.05</div> <div style="text-align: center;">4.7</div> <div style="text-align: center;">-.11</div> <div style="text-align: center;">4.8 *</div> <div style="text-align: center;">-.13</div> </div>										
		3	1-5 hrs	61	24	723	25	9,988	26	27,777	27											
		8	6-10 hrs	20	8	278	9	4,358	12	12,544	12											
		13	11-15 hrs	12	6	168	6	2,718	7	7,498	7											
		18	16-20 hrs	9	4	104	4	1,537	4	4,383	4											
		23	21-25 hrs	6	3	61	2	817	2	2,270	2											
		28	26-30 hrs	0	0	22	1	324	1	938	1											
		33	More than 30 hrs	4	2	42	2	511	1	1,517	2											
			Total	255	100	2,851	100	37,561	100	102,501	100											

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston				Presidential Peers		Urban Peers		4-year Public Inst.		Statistical Comparisons <sup>b</sup>					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Working for pay on campus	tmworkonhrs	0	0 hrs	206	81	2,219	78	28,839	76	76,266	75	<b>2.4</b>	3.2	-.11	3.5 **	-.15	3.5 **	-.15	
	(Recorded version of tmworkon created by NSSE.	3	1-5 hrs	12	5	77	3	1,068	3	3,672	3								
		8	6-10 hrs	15	5	150	5	2,051	5	6,516	6								
		13	11-15 hrs	7	3	143	5	2,068	6	5,936	6								
	Values are estimated number of hours per week.)	18	16-20 hrs	6	2	156	5	2,126	6	6,160	6								
		23	21-25 hrs	5	2	50	2	729	2	2,009	2								
		28	26-30 hrs	1	1	24	1	249	1	684	1								
		33	More than 30 hrs	3	1	28	1	428	1	1,201	1								
		Total			255	100	2,847	100	37,558	100	102,444								100
	d. Working for pay off campus	tmworkoffhrs	0	0 hrs	64	25	890	31	12,294	34	39,577								40
(Recorded version of tmworkoff created by NSSE.		3	1-5 hrs	6	3	121	4	1,606	4	4,608	4								
		8	6-10 hrs	20	7	193	7	2,445	6	6,467	6								
		13	11-15 hrs	22	8	240	8	3,077	8	7,621	7								
Values are estimated number of hours per week.)		18	16-20 hrs	34	13	340	12	4,470	11	10,661	10								
		23	21-25 hrs	29	12	283	9	3,772	9	8,573	8								
		28	26-30 hrs	26	11	204	7	2,830	7	6,503	6								
		33	More than 30 hrs	56	22	583	22	7,107	20	18,554	19								
		Total			257	100	2,854	100	37,601	100	102,564	100							
Estimated number of hours working for pay		tmworkhrs										<b>19.2</b>	18.2	.08	17.8	.11	16.5 ***	.21	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	145	57	1,595	57	19,289	52	53,137	52	<b>3.3</b>	3.1	.04	3.4	-.02	3.3	.01	
	(Recorded version of tmservice created by NSSE.	3	1-5 hrs	65	25	773	27	11,165	29	31,134	30								
		8	6-10 hrs	21	7	225	7	3,363	9	8,752	8								
		13	11-15 hrs	11	4	104	4	1,635	4	4,210	4								
	Values are estimated number of hours per week.)	18	16-20 hrs	5	2	75	3	971	3	2,449	2								
		23	21-25 hrs	6	3	31	1	485	1	1,159	1								
		28	26-30 hrs	0	0	14	1	201	1	492	0								
		33	More than 30 hrs	3	1	28	1	442	1	1,168	1								
		Total			256	100	2,845	100	37,551	100	102,501								100

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	12	5	97	4	1,174	3	3,242	3	<b>10.1</b>	10.5	-.05	11.0	-.11	11.2 *	-13
		3	1-5 hrs	83	31	838	29	10,216	27	27,132	26							
		8	6-10 hrs	67	25	816	28	10,556	27	28,587	28							
		13	11-15 hrs	44	18	482	17	6,788	18	19,011	19							
		18	16-20 hrs	25	10	313	11	4,379	12	11,913	12							
		23	21-25 hrs	11	5	119	4	1,784	5	5,050	5							
		28	26-30 hrs	5	2	55	2	866	2	2,297	2							
		33	More than 30 hrs	10	4	128	5	1,819	5	5,259	5							
	Total			257	100	2,848	100	37,582	100	102,491	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	141	57	1,636	57	23,130	62	65,803	65	<b>6.6</b>	6.2	.04	5.7	.09	5.6	.10
		3	1-5 hrs	40	16	411	15	4,994	13	11,634	11							
		8	6-10 hrs	12	4	207	7	2,463	7	5,759	5							
		13	11-15 hrs	12	5	134	5	1,496	4	3,774	4							
		18	16-20 hrs	9	3	100	4	1,035	3	2,775	3							
		23	21-25 hrs	6	3	44	2	662	2	1,606	2							
		28	26-30 hrs	7	3	30	1	400	1	1,008	1							
		33	More than 30 hrs	27	10	281	10	3,320	9	9,991	10							
	Total			254	100	2,843	100	37,500	100	102,350	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	11	4	356	13	3,933	11	16,704	17	<b>8.7</b>	6.9 ***	.25	6.6 ***	.31	5.8 ***	.42
		3	1-5 hrs	90	37	1,274	43	18,659	49	51,249	50							
		8	6-10 hrs	83	29	668	23	8,503	23	19,335	19							
		13	11-15 hrs	38	16	293	11	3,138	8	7,200	7							
		18	16-20 hrs	17	7	104	4	1,347	4	3,050	3							
		23	21-25 hrs	5	2	46	2	643	2	1,533	1							
		28	26-30 hrs	5	1	25	1	311	1	733	1							
		33	More than 30 hrs	8	3	86	3	1,041	3	2,771	3							
	Total			257	100	2,852	100	37,575	100	102,575	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston				Presidential Peers				Urban Peers				4-year Public Inst.				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																											
	reading	1	Very little	20	7	458	17	5,436	15	14,952	16	<b>3.1</b>	2.7 ***	.32	▲	2.8 ***	.28	▲	2.8 ***	.28	▲	2.8 ***	.28				
		2	Some	63	25	848	30	11,077	30	30,314	30																
		3	About half	72	29	760	26	10,141	27	26,917	26																
		4	Most	71	28	551	19	7,531	20	20,763	20																
		5	Almost all	31	11	232	8	3,328	8	9,413	9																
			Total	257	100	2,849	100	37,513	100	102,359	100																
	tmreadinghrs			<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>												<b>7.3</b>	6.7	.09	6.7	.11	6.8	.08					
	tmreadinghrscol	1	0 hrs	3	2	11	0	162	1	422	0																
		2	More than zero, up to 5 hrs	115	44	1,449	52	19,122	51	51,229	51																
		3	More than 5, up to 10 hrs	74	29	765	27	10,542	28	28,675	28																
		4	More than 10, up to 15 hrs	28	11	294	10	3,517	9	9,851	9																
		5	More than 15, up to 20 hrs	22	9	157	6	1,977	5	5,723	6																
		6	More than 20, up to 25 hrs	9	3	108	4	1,359	4	4,057	4																
		7	More than 25 hrs	6	2	53	2	683	2	2,037	2																
			Total	257	100	2,837	100	37,362	100	101,994	100																
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																											
a. Writing clearly and effectively	pgwrite	1	Very little	10	4	226	8	2,048	6	5,819	6	<b>3.0</b>	2.8 **	.20	▲	3.0	.05	3.0	.07								
		2	Some	59	24	768	27	8,175	22	22,727	23																
		3	Quite a bit	96	38	1,054	37	14,916	39	40,623	39																
		4	Very much	90	35	792	28	12,320	33	33,129	32																
			Total	255	100	2,840	100	37,459	100	102,298	100																

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	16	7	294	11	2,623	8	7,264	8	<b>2.9</b>	2.8 *	.15	2.9	-.01	2.9	.00
		2	Some	67	26	809	29	8,869	24	24,215	24							
		3	Quite a bit	94	37	986	34	14,134	37	38,811	37							
		4	Very much	77	30	756	27	11,817	31	31,873	31							
		Total		254	100	2,845	100	37,443	100	102,163	100							
c. Thinking critically and analytically	pgthink	1	Very little	5	2	78	3	879	3	2,328	3	<b>3.2</b>	3.2	.03	3.3	-.08	3.3	-.08
		2	Some	44	18	478	17	4,879	13	13,224	13							
		3	Quite a bit	94	37	1,098	38	14,280	37	39,238	38							
		4	Very much	112	43	1,190	42	17,409	47	47,392	46							
		Total		255	100	2,844	100	37,447	100	102,182	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	25	9	232	8	3,277	8	9,231	9	<b>2.8</b>	3.0 **	-.19	2.9 *	-.14	2.9 *	-.13
		2	Some	67	26	644	22	9,073	23	24,930	24							
		3	Quite a bit	97	40	1,014	36	12,893	34	34,908	34							
		4	Very much	63	25	953	35	12,226	34	33,098	34							
		Total		252	100	2,843	100	37,469	100	102,167	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	32	12	313	11	3,423	10	8,958	9	<b>2.7</b>	2.8 *	-.15	2.9 ***	-.22	2.9 ***	-.26
		2	Some	78	31	753	26	9,161	25	24,002	23							
		3	Quite a bit	87	35	936	33	12,789	34	35,359	34							
		4	Very much	56	22	835	30	12,070	32	33,851	33							
		Total		253	100	2,837	100	37,443	100	102,170	100							
f. Working effectively with others	pgothers	1	Very little	17	7	178	6	1,730	5	4,650	5	<b>2.9</b>	2.9	-.08	3.0 ***	-.21	3.1 ***	-.23
		2	Some	68	28	699	25	7,557	21	20,071	20							
		3	Quite a bit	96	38	1,081	38	14,384	38	39,664	38							
		4	Very much	72	27	885	31	13,797	36	37,766	36							
		Total		253	100	2,843	100	37,468	100	102,151	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	23	9	375	14	3,840	11	10,458	11	<b>2.8</b>	2.7 *	.13	2.8	.02	2.8	.02
		2	Some	64	26	777	27	9,017	24	24,879	25							
		3	Quite a bit	97	37	946	33	13,082	34	35,592	34							
		4	Very much	70	28	742	26	11,488	30	31,161	30							
		Total		254	100	2,840	100	37,427	100	102,090	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## University of Massachusetts Boston

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMass Boston		Presidential Peers		Urban Peers		4-year Public Inst.		UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	10	4	288	11	2,861	9	8,765	9	<b>3.2</b>	2.8 ***	.34	2.9 ***	.24	2.9 ***	.29
		2	Some	40	17	697	24	8,490	23	24,553	25							
		3	Quite a bit	98	38	978	34	13,029	34	35,370	34							
		4	Very much	104	41	876	30	13,055	34	33,452	32							
		Total		252	100	2,839	100	37,435	100	102,140	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	19	8	303	11	3,322	9	8,954	9	<b>2.9</b>	2.8	.12	2.8	.05	2.8	.04
		2	Some	66	25	799	28	9,891	27	26,691	26							
		3	Quite a bit	96	38	967	34	13,258	35	36,511	35							
		4	Very much	73	29	771	27	10,987	29	29,968	29							
		Total		254	100	2,840	100	37,458	100	102,124	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	25	10	422	16	4,556	13	12,841	13	<b>2.8</b>	2.6 **	.18	2.7	.05	2.7	.07
		2	Some	75	30	907	32	10,699	29	29,546	29							
		3	Quite a bit	87	34	869	30	12,176	32	33,079	32							
		4	Very much	67	27	644	22	10,053	27	26,799	26							
		Total		254	100	2,842	100	37,484	100	102,265	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	11	4	101	4	967	3	2,727	3	<b>3.0</b>	3.1 *	-.13	3.2 ***	-.24	3.2 ***	-.25
		2	Fair	50	21	449	15	5,130	14	13,729	14							
		3	Good	123	46	1,406	48	17,515	46	46,841	45							
		4	Excellent	73	29	900	32	14,022	38	39,386	38							
		Total		257	100	2,856	100	37,634	100	102,683	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	20	8	160	5	1,709	5	4,748	5	<b>2.9</b>	3.1 ***	-.23	3.2 ***	-.36	3.2 ***	-.37
		2	Probably no	51	21	455	16	4,911	13	12,895	13							
		3	Probably yes	116	44	1,248	44	15,540	41	41,248	40							
		4	Definitely yes	71	26	996	35	15,557	41	44,105	43							
		Total		258	100	2,859	100	37,717	100	102,996	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Massachusetts Boston

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMass Boston	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Comparisons with:			Comparisons with:			Comparisons with:						
														Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.				
1 a. askquest	513	2.67	2.76	2.72	2.71	.036	.014	.004	.002	.81	.85	.84	.85	4,072	40,343	120,356	.031	.212	.270	-.10	-.06	-.05				
b. unpreparedr	512	3.14	3.04	3.02	3.06	.031	.013	.004	.002	.71	.77	.78	.77	4,063	40,252	119,961	.005	.001	.018	.13	.15	.10				
c. attendart	508	1.46	1.73	1.78	1.77	.033	.015	.005	.003	.74	.89	.90	.88	734	526	513	.000	.000	.000	-.31	-.35	-.35				
d. CLaskhelp	504	2.46	2.61	2.62	2.62	.036	.015	.004	.003	.81	.89	.88	.88	687	519	508	.000	.000	.000	-.17	-.18	-.18				
e. CLexplain	506	2.56	2.71	2.71	2.70	.034	.014	.004	.002	.77	.84	.82	.83	693	39,906	118,828	.000	.000	.000	-.18	-.18	-.17				
f. CLstudy	503	2.35	2.47	2.51	2.53	.040	.017	.005	.003	.90	.99	.96	.96	689	517	507	.009	.000	.000	-.12	-.17	-.19				
g. CLproject	498	2.53	2.58	2.65	2.66	.037	.015	.004	.003	.82	.88	.86	.86	668	39,440	117,137	.292	.002	.001	-.05	-.14	-.15				
h. present	495	2.21	2.16	2.30	2.25	.039	.015	.005	.003	.86	.88	.91	.90	3,961	507	498	.292	.023	.323	.05	-.10	-.04				
2 a. RIintegrate	478	2.54	2.53	2.59	2.55	.037	.015	.004	.003	.81	.86	.84	.85	3,907	38,748	114,648	.799	.213	.858	.01	-.06	-.01				
b. RISocietal	470	2.47	2.54	2.58	2.52	.039	.015	.005	.003	.84	.90	.88	.88	626	38,449	113,428	.095	.007	.237	-.08	-.13	-.05				
c. RIDiverse	457	2.49	2.58	2.59	2.52	.042	.016	.005	.003	.90	.91	.90	.91	3,823	38,104	112,030	.053	.017	.457	-.10	-.11	-.03				
d. Rlownview	455	2.68	2.75	2.78	2.74	.038	.014	.004	.002	.80	.81	.81	.81	3,786	37,653	110,396	.108	.013	.124	-.08	-.12	-.07				
e. Rlperspect	445	2.87	2.92	2.93	2.90	.038	.014	.004	.002	.79	.79	.79	.80	3,740	37,006	108,198	.222	.104	.402	-.06	-.08	-.04				
f. RInewview	437	2.80	2.85	2.87	2.83	.038	.014	.004	.002	.79	.79	.78	.79	3,672	36,492	106,069	.230	.047	.372	-.06	-.10	-.04				
g. RIconnect	427	2.92	3.03	3.03	3.00	.035	.013	.004	.002	.72	.75	.75	.75	3,621	36,004	104,358	.004	.004	.032	-.15	-.14	-.10				
3 a. SFcareer	427	2.09	2.29	2.28	2.30	.043	.017	.005	.003	.89	.95	.93	.93	561	438	430	.000	.000	.000	-.22	-.21	-.23				
b. SFotherwork	422	1.66	1.75	1.75	1.78	.041	.016	.005	.003	.84	.92	.91	.92	561	433	103,527	.034	.026	.008	-.10	-.10	-.13				
c. SFdiscuss	418	1.88	1.97	1.96	1.98	.043	.016	.005	.003	.88	.92	.89	.90	3,548	35,429	102,225	.067	.068	.019	-.10	-.09	-.11				
d. SFperform	414	2.02	2.11	2.10	2.11	.040	.016	.005	.003	.81	.89	.89	.89	557	425	417	.058	.065	.042	-.09	-.08	-.09				
4 a. memorize	410	2.83	2.94	2.95	2.93	.040	.015	.004	.003	.81	.82	.80	.80	3,508	418	412	.012	.003	.012	-.13	-.15	-.13				
b. HOapply	403	2.77	2.89	2.90	2.89	.040	.015	.004	.003	.81	.81	.80	.80	3,482	34,826	100,447	.004	.001	.002	-.15	-.17	-.16				
c. HOanalyze	401	2.86	2.93	2.91	2.88	.040	.015	.004	.003	.80	.81	.81	.81	3,443	34,434	99,143	.091	.207	.596	-.09	-.06	-.03				
d. HOevaluate	398	2.87	2.93	2.91	2.87	.039	.015	.004	.003	.78	.81	.81	.82	3,414	34,245	98,527	.148	.298	.994	-.08	-.05	.00				
e. HOform	397	2.83	2.92	2.90	2.86	.038	.015	.004	.003	.76	.81	.80	.81	3,398	34,127	97,850	.055	.096	.446	-.10	-.08	-.04				
5 a. ETgoals	393	2.94	3.06	3.04	3.03	.040	.015	.004	.003	.79	.81	.78	.78	3,370	33,815	96,932	.009	.018	.024	-.14	-.12	-.11				
b. ETorganize	393	2.85	2.96	2.96	2.95	.041	.016	.005	.003	.81	.85	.83	.83	3,362	33,675	96,538	.023	.015	.018	-.12	-.12	-.12				
c. ETexample	390	2.88	2.99	3.01	3.00	.043	.015	.005	.003	.85	.83	.82	.82	493	397	392	.010	.003	.005	-.14	-.16	-.15				
d. ETdraftfb	391	2.78	2.89	2.78	2.76	.045	.017	.005	.003	.88	.90	.91	.91	3,351	33,502	96,075	.026	.994	.597	-.12	.00	.03				
e. ETfeedback	390	2.64	2.75	2.69	2.68	.047	.017	.005	.003	.92	.91	.90	.90	3,340	33,398	95,832	.039	.321	.446	-.11	-.05	-.04				
6 a. QRconclude	382	2.45	2.59	2.58	2.59	.045	.016	.005	.003	.89	.86	.87	.86	3,298	32,892	94,229	.003	.005	.002	-.16	-.15	-.16				
b. QRproblem	383	2.25	2.37	2.35	2.34	.044	.017	.005	.003	.86	.93	.92	.92	505	392	385	.012	.026	.036	-.13	-.11	-.10				
c. QRevaluate	378	2.29	2.35	2.34	2.34	.044	.016	.005	.003	.86	.88	.89	.89	3,251	386	93,189	.225	.273	.245	-.07	-.05	-.06				

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Massachusetts Boston

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMass Boston	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Comparisons with:			Comparisons with:			Comparisons with:						
														Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.				
7 a. wrshortnum	375	7.39	6.55	6.31	6.06	.279	.097	.031	.018	5.40	5.22	5.53	5.46	3,251	32,543	92,965	.004	.000	.000	.16	.19	.24				
b. wrmednum	375	2.79	2.57	2.47	2.21	.175	.064	.020	.011	3.38	3.42	3.63	3.41	3,244	32,496	92,651	.240	.086	.001	.06	.09	.17				
c. wrlongnum	376	1.07	1.05	1.12	1.02	.146	.055	.018	.010	2.83	2.95	3.20	3.04	3,243	32,474	92,721	.902	.742	.752	.01	-.02	.02				
— wrpages	370	60.19	55.64	55.06	50.63	3.616	1.362	.444	.249	69.57	72.77	79.26	75.49	3,224	32,281	92,190	.255	.215	.015	.06	.06	.13				
8 a. DDrace	373	3.06	3.19	3.08	3.04	.047	.016	.005	.003	.90	.88	.90	.91	3,236	32,458	92,517	.008	.746	.600	-.15	-.02	.03				
b. DDeconomic	371	2.95	3.09	3.02	3.01	.048	.017	.005	.003	.92	.89	.88	.88	3,229	378	373	.004	.150	.162	-.16	-.08	-.08				
c. DDreligion	372	2.88	3.04	2.97	2.95	.048	.018	.005	.003	.93	.94	.93	.93	3,227	32,336	92,206	.001	.051	.150	-.18	-.10	-.07				
d. DDpolitical	369	2.66	2.86	2.85	2.88	.050	.019	.005	.003	.95	.99	.95	.94	3,226	32,366	92,287	.000	.000	.000	-.20	-.20	-.23				
9 a. LSreading	369	2.99	3.02	2.99	2.96	.039	.014	.004	.003	.75	.76	.76	.77	3,202	32,136	371	.566	.922	.426	-.03	.01	.04				
b. LSnotes	366	2.79	2.89	2.91	2.91	.046	.017	.005	.003	.88	.90	.87	.87	3,187	32,107	91,337	.061	.011	.013	-.10	-.13	-.13				
c. LSsummary	367	2.73	2.81	2.82	2.81	.044	.017	.005	.003	.84	.89	.87	.87	3,182	32,070	91,406	.119	.051	.064	-.09	-.10	-.10				
10. challenge	368	5.06	5.34	5.37	5.35	.067	.025	.007	.004	1.28	1.30	1.25	1.24	471	375	90,780	.000	.000	.000	-.22	-.25	-.24				
11 a. intern <sup>l</sup>	362	.076	.058	.069	.067	.0139	.0044	.0014	.0008	--	--	--	--	--	--	--	.191	.599	.519	.07	.03	.03				
b. leader <sup>l</sup>	362	.075	.084	.088	.093	.0139	.0053	.0016	.0010	--	--	--	--	--	--	--	.559	.379	.238	-.03	-.05	-.07				
c. learncom <sup>l</sup>	359	.204	.118	.123	.132	.0213	.0061	.0019	.0011	--	--	--	--	--	--	--	.000	.000	.000	.24	.22	.19				
d. abroad <sup>l</sup>	359	.020	.022	.025	.025	.0075	.0028	.0009	.0005	--	--	--	--	--	--	--	.880	.571	.610	-.01	-.03	-.03				
e. research <sup>l</sup>	356	.020	.044	.039	.046	.0074	.0039	.0011	.0007	--	--	--	--	--	--	--	.031	.059	.017	-.14	-.12	-.15				
f. capstone <sup>l</sup>	356	.011	.021	.021	.021	.0055	.0027	.0008	.0005	--	--	--	--	--	--	--	.202	.199	.185	-.08	-.08	-.08				
12. servcourse	350	1.57	1.55	1.62	1.62	.039	.013	.004	.002	.73	.69	.71	.69	3,112	31,398	89,251	.576	.168	.223	.03	-.07	-.07				
13 a. QIstudent	345	5.13	5.31	5.39	5.42	.072	.027	.008	.005	1.34	1.42	1.37	1.36	3,082	31,042	88,283	.028	.001	.000	-.13	-.18	-.21				
b. QIadvisor	341	4.97	5.31	5.29	5.34	.092	.031	.009	.005	1.69	1.61	1.62	1.58	3,071	30,612	87,205	.000	.000	.000	-.21	-.19	-.23				
c. QIfaculty	344	4.88	5.25	5.26	5.32	.080	.028	.008	.005	1.47	1.44	1.41	1.38	3,063	30,814	87,811	.000	.000	.000	-.26	-.27	-.32				
d. QIstaff	311	4.61	4.95	5.06	5.14	.099	.033	.010	.006	1.75	1.63	1.63	1.58	383	316	312	.001	.000	.000	-.21	-.28	-.34				
e. QIadmin	333	4.77	4.97	5.03	5.06	.094	.032	.010	.006	1.72	1.63	1.62	1.61	414	339	334	.044	.006	.002	-.12	-.16	-.18				
14 a. empstudy	352	2.95	3.07	3.07	3.07	.040	.015	.004	.003	.76	.76	.76	.75	3,097	31,095	88,561	.005	.004	.005	-.16	-.15	-.15				
b. SEacademic	350	2.86	3.00	3.00	3.01	.046	.016	.005	.003	.86	.83	.83	.83	437	356	351	.006	.003	.001	-.16	-.17	-.18				
c. SElearnsup	351	2.94	3.11	3.08	3.08	.048	.017	.005	.003	.90	.87	.89	.89	3,089	30,998	88,192	.001	.003	.003	-.19	-.16	-.16				
d. SEdiverse	351	2.75	2.80	2.81	2.77	.049	.018	.005	.003	.92	.96	.95	.95	3,081	30,943	88,098	.381	.229	.722	-.05	-.06	-.02				
e. SEsocial	349	2.75	2.89	2.95	2.96	.050	.017	.005	.003	.93	.90	.88	.87	437	356	351	.011	.000	.000	-.15	-.22	-.23				
f. SEwellness	348	2.78	2.86	2.92	2.92	.049	.017	.005	.003	.91	.90	.91	.90	3,056	30,848	87,767	.109	.003	.003	-.09	-.16	-.16				



# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Massachusetts Boston

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMass Boston	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Comparisons with:			Comparisons with:			Comparisons with:						
														Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.				
g. SEnonacad	348	2.28	2.27	2.36	2.35	.050	.019	.006	.003	.94	.98	.99	.97	3,071	355	350	.911	.133	.153	.01	-.08	-.07				
h. SEactivities	349	2.50	2.75	2.76	2.81	.052	.018	.005	.003	.98	.94	.94	.93	434	356	351	.000	.000	.000	-.27	-.28	-.34				
i. SEevents	348	2.40	2.41	2.47	2.46	.052	.018	.005	.003	.96	.96	.95	.96	3,067	30,825	87,627	.733	.133	.188	-.02	-.08	-.07				
15 a. SBmyself	348	3.06	--	3.22	3.25	.037	--	.005	.002	.70	--	.68	.69	--	361	349	--	.000	.000	--	-.24	-.27				
b. SBvalued	351	2.74	--	2.93	2.96	.040	--	.006	.003	.75	--	.73	.74	--	364	353	--	.000	.000	--	-.27	-.30				
c. SBcommunity	349	2.72	--	2.93	2.98	.038	--	.006	.003	.71	--	.76	.77	--	16,620	87,534	--	.000	.000	--	-.28	-.34				
16 a. tmprephrs	348	14.00	14.58	14.05	13.93	.428	.156	.047	.027	7.98	8.13	8.16	8.07	3,064	30,692	87,220	.214	.910	.862	-.07	-.01	.01				
b. tmcocurrhrs	344	3.83	4.56	4.79	5.26	.324	.126	.038	.023	6.01	6.58	6.55	6.78	454	352	346	.038	.004	.000	-.11	-.15	-.21				
c. tmworkonhrs	347	1.94	2.28	2.29	2.25	.278	.109	.034	.020	5.18	5.69	5.87	5.76	460	356	86,952	.250	.204	.312	-.06	-.06	-.05				
d. tmworkoffhrs	346	8.40	7.50	7.07	5.71	.541	.199	.060	.033	10.06	10.34	10.43	9.61	3,058	30,668	347	.124	.018	.000	.09	.13	.28				
— tmworkhrs	344	10.24	9.77	9.34	7.92	.621	.223	.069	.039	11.52	11.62	12.05	11.38	3,048	30,542	86,614	.477	.167	.000	.04	.07	.20				
e. tmservicehrs	345	2.49	2.46	2.55	2.48	.289	.098	.029	.017	5.37	5.12	5.02	4.91	3,059	30,640	346	.920	.840	.952	.01	-.01	.00				
f. tmrelaxhrs	347	12.71	12.27	12.45	12.81	.513	.167	.050	.030	9.56	8.70	8.66	8.68	423	353	348	.414	.610	.854	.05	.03	-.01				
g. tmcarehrs	343	3.18	3.33	3.07	2.59	.337	.138	.040	.022	6.23	7.16	6.96	6.50	3,046	30,575	86,834	.712	.763	.093	-.02	.02	.09				
h. tmcommutehrs	348	7.43	5.97	5.27	4.71	.422	.133	.039	.022	7.88	6.95	6.73	6.60	418	352	349	.001	.000	.000	.21	.32	.41				
17. reading	343	3.03	2.72	2.73	2.65	.055	.021	.006	.004	1.02	1.09	1.08	1.08	447	351	345	.000	.000	.000	.28	.28	.34				
— tmreadinghrs	341	7.16	6.59	6.29	6.04	.319	.112	.032	.019	5.88	5.83	5.58	5.46	3,032	30,423	86,480	.090	.004	.000	.10	.16	.20				
18 a. pgwrite	345	2.80	2.84	2.80	2.76	.043	.017	.005	.003	.79	.87	.86	.87	458	354	348	.372	.838	.446	-.05	-.01	.04				
b. pgspeak	342	2.55	2.58	2.69	2.67	.046	.018	.005	.003	.85	.95	.92	.92	453	30,420	86,376	.579	.005	.017	-.03	-.15	-.13				
c. pgthink	342	2.96	3.03	3.07	3.05	.044	.016	.005	.003	.81	.84	.81	.81	3,041	30,409	86,409	.138	.009	.029	-.09	-.14	-.12				
d. pganalyze	345	2.44	2.68	2.71	2.72	.046	.018	.005	.003	.86	.96	.93	.92	459	30,396	86,383	.000	.000	.000	-.26	-.29	-.30				
e. pgwork	344	2.31	2.50	2.56	2.59	.048	.019	.005	.003	.89	.96	.95	.95	451	352	346	.000	.000	.000	-.20	-.26	-.29				
f. pgothers	343	2.63	2.76	2.84	2.85	.048	.017	.005	.003	.89	.91	.88	.87	3,042	30,379	86,378	.013	.000	.000	-.14	-.24	-.25				
g. pgvalues	345	2.52	2.60	2.69	2.68	.049	.019	.005	.003	.92	.96	.94	.94	3,035	30,393	86,365	.148	.001	.001	-.08	-.19	-.18				
h. pgdiverse	344	2.71	2.83	2.86	2.81	.047	.018	.005	.003	.87	.95	.92	.93	3,034	30,414	86,435	.037	.003	.063	-.12	-.16	-.10				
i. pgprobsolve	341	2.45	2.57	2.65	2.65	.048	.018	.005	.003	.89	.94	.93	.93	443	30,410	86,445	.021	.000	.000	-.13	-.21	-.21				
j. pgcitizen	344	2.48	2.56	2.68	2.64	.050	.018	.005	.003	.92	.95	.94	.94	3,040	30,427	86,564	.160	.000	.001	-.08	-.21	-.17				
19. evalexp	349	2.80	3.04	3.12	3.12	.040	.014	.004	.002	.75	.71	.72	.73	434	30,587	87,042	.000	.000	.000	-.34	-.44	-.44				
20. sameinst	349	2.89	3.10	3.16	3.18	.045	.015	.005	.003	.84	.80	.79	.80	3,064	30,708	87,545	.000	.000	.000	-.26	-.34	-.36				
21. returnexp <sup>1</sup>	349	.795	.888	.885	.881	.0216	.0060	.0018	.0011	--	--	--	--	--	--	--	.000	.000	.000	-.26	-.25	-.24				

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Massachusetts Boston

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMass Boston	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Comparisons with:			Comparisons with:			Comparisons with:		
														Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.
1 a. askquest	331	3.01	2.93	2.97	2.98	.046	.016	.004	.003	.84	.90	.89	.89	409	336	332	.079	.393	.502	.10	.04	.04
b. unpreparedr	331	3.00	2.97	2.93	2.99	.044	.014	.004	.002	.79	.81	.83	.83	3,607	336	114,538	.551	.121	.871	.03	.08	.01
c. attendart	327	1.56	1.65	1.72	1.69	.042	.015	.004	.003	.77	.84	.87	.86	409	333	329	.048	.000	.003	-.11	-.18	-.15
d. CLaskhelp	328	2.29	2.46	2.50	2.49	.049	.017	.004	.003	.90	.94	.90	.91	404	333	329	.001	.000	.000	-.18	-.24	-.23
e. CLexplain	330	2.68	2.73	2.77	2.75	.048	.015	.004	.003	.86	.86	.84	.86	3,580	41,998	113,943	.260	.039	.119	-.07	-.11	-.09
f. CLstudy	328	2.27	2.49	2.53	2.52	.054	.018	.005	.003	.98	1.02	.98	1.00	403	41,831	113,291	.000	.000	.000	-.22	-.27	-.25
g. CLproject	328	2.65	2.81	2.92	2.89	.051	.016	.004	.003	.93	.94	.88	.91	3,551	331	328	.004	.000	.000	-.17	-.31	-.26
h. present	322	2.67	2.58	2.73	2.68	.049	.017	.005	.003	.88	.97	.95	.97	404	327	323	.062	.230	.808	.10	-.06	-.01
2 a. RIintegrate	320	2.77	2.87	2.93	2.91	.048	.015	.004	.003	.86	.85	.84	.85	3,517	41,191	111,257	.049	.001	.003	-.12	-.19	-.17
b. RISocietal	319	2.83	2.65	2.76	2.74	.051	.017	.005	.003	.90	.94	.92	.91	391	40,993	110,600	.001	.231	.092	.18	.07	.09
c. RIDiverse	316	2.71	2.47	2.60	2.57	.053	.018	.005	.003	.95	1.02	.98	.97	391	40,727	109,751	.000	.051	.012	.23	.11	.14
d. Rlownview	319	2.79	2.79	2.83	2.82	.047	.015	.004	.003	.83	.86	.84	.84	3,449	40,434	108,819	.997	.391	.453	.00	-.05	-.04
e. Rlperspect	313	2.97	2.92	2.99	2.97	.046	.015	.004	.002	.81	.84	.81	.81	3,409	40,000	107,324	.257	.783	.986	.07	-.02	.00
f. RInewview	309	2.97	2.94	2.97	2.96	.046	.014	.004	.002	.80	.79	.79	.79	3,354	39,550	105,937	.474	.962	.860	.04	.00	.01
g. RIconnect	307	3.16	3.12	3.18	3.17	.042	.014	.004	.002	.73	.76	.74	.73	3,320	39,176	104,819	.279	.776	.870	.06	-.02	-.01
3 a. SFcareer	306	2.36	2.31	2.40	2.42	.053	.018	.005	.003	.93	.98	.98	.99	3,320	310	307	.353	.494	.233	.06	-.04	-.06
b. SFotherwork	306	1.78	1.83	1.93	1.96	.055	.018	.005	.003	.97	.98	1.01	1.02	3,304	38,942	104,286	.389	.014	.003	-.05	-.14	-.17
c. SFdiscuss	301	2.10	2.07	2.14	2.15	.052	.017	.005	.003	.91	.92	.95	.96	3,279	38,688	103,405	.542	.527	.401	.04	-.04	-.05
d. SFperform	306	2.20	2.13	2.18	2.19	.050	.017	.005	.003	.88	.91	.92	.93	3,281	38,682	103,449	.196	.692	.860	.08	.02	.01
4 a. memorize	305	2.75	2.79	2.82	2.81	.052	.016	.004	.003	.90	.88	.87	.87	3,265	38,416	102,660	.539	.154	.262	-.04	-.08	-.06
b. HOapply	303	2.93	3.04	3.05	3.05	.047	.015	.004	.003	.82	.81	.80	.80	3,251	38,261	102,113	.026	.008	.008	-.13	-.15	-.15
c. HOanalyze	297	3.00	3.01	3.03	3.02	.049	.015	.004	.003	.85	.82	.82	.82	3,215	37,926	101,110	.767	.518	.670	-.02	-.04	-.02
d. HOevaluate	295	2.97	2.85	2.93	2.92	.048	.016	.004	.003	.82	.87	.86	.86	365	37,771	296	.018	.393	.251	.14	.05	.06
e. HOform	297	2.96	2.91	2.95	2.95	.050	.015	.004	.003	.85	.82	.84	.83	3,200	37,634	100,107	.386	.877	.873	.05	.01	.01
5 a. ETgoals	295	3.17	3.10	3.14	3.13	.046	.015	.004	.003	.80	.80	.79	.79	3,178	37,373	99,403	.204	.519	.487	.08	.04	.04
b. ETorganize	293	3.06	2.98	3.04	3.04	.047	.016	.004	.003	.81	.86	.84	.84	3,159	37,257	99,095	.136	.693	.687	.09	.02	.02
c. ETexample	290	3.09	3.02	3.10	3.10	.049	.015	.004	.003	.83	.83	.83	.83	3,160	37,195	98,949	.147	.910	.937	.09	-.01	.00
d. ETdraftfb	290	2.70	2.68	2.76	2.77	.055	.018	.005	.003	.94	.96	.96	.96	3,155	37,138	98,696	.638	.362	.244	.03	-.05	-.07
e. ETfeedback	291	2.83	2.71	2.78	2.79	.055	.017	.005	.003	.94	.92	.91	.92	3,152	37,063	98,491	.048	.405	.490	.12	.05	.04
6 a. QRconclude	288	2.58	2.69	2.66	2.66	.056	.017	.005	.003	.95	.90	.91	.91	3,114	36,630	97,172	.064	.162	.156	-.11	-.08	-.08
b. QRproblem	285	2.52	2.42	2.45	2.44	.054	.018	.005	.003	.92	.96	.96	.97	3,097	36,503	96,689	.101	.208	.154	.10	.07	.08
c. QRevaluate	284	2.43	2.43	2.46	2.45	.054	.017	.005	.003	.91	.91	.92	.93	3,088	36,383	96,310	.961	.577	.682	.00	-.03	-.02

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Massachusetts Boston

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMass Boston	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Comparisons with:			Comparisons with:			Comparisons with:		
														Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.
7 a. wrshortnum	279	7.85	7.02	7.28	7.20	.375	.122	.034	.021	6.26	6.45	6.46	6.47	3,081	36,219	96,006	.039	.144	.094	.13	.09	.10
b. wrmednum	275	4.18	3.69	3.61	3.45	.258	.089	.024	.015	4.27	4.68	4.56	4.50	3,067	36,088	95,604	.100	.040	.007	.10	.12	.16
c. wrlongnum	280	2.00	2.19	2.10	1.99	.194	.078	.021	.013	3.24	4.15	4.04	3.95	377	286	95,810	.371	.628	.942	-.05	-.02	.00
— wrpages	274	86.88	83.04	81.71	78.55	5.192	1.978	.538	.323	85.87	104.16	101.47	99.59	3,045	35,845	95,087	.555	.401	.167	.04	.05	.08
8 a. DDrace	281	3.23	3.20	3.15	3.10	.051	.017	.005	.003	.86	.91	.90	.91	3,067	36,115	95,766	.488	.110	.015	.04	.10	.15
b. DDeconomic	279	3.12	3.11	3.08	3.07	.053	.017	.005	.003	.88	.90	.88	.88	3,062	36,028	95,477	.846	.453	.335	.01	.05	.06
c. DDreligion	281	3.13	3.05	3.03	3.01	.053	.018	.005	.003	.89	.93	.92	.93	3,067	36,031	95,498	.176	.074	.023	.08	.11	.14
d. DDpolitical	278	2.90	2.88	2.90	2.92	.057	.018	.005	.003	.95	.97	.94	.94	3,060	36,034	95,564	.798	.994	.688	.02	.00	-.02
9 a. LSreading	276	3.18	3.04	3.06	3.06	.048	.015	.004	.003	.80	.81	.80	.81	3,047	35,869	95,014	.004	.011	.011	.18	.15	.15
b. LSnotes	277	2.89	2.84	2.85	2.86	.054	.018	.005	.003	.91	.94	.92	.93	3,040	35,839	94,931	.396	.537	.655	.05	.04	.03
c. LSsummary	278	2.84	2.81	2.82	2.84	.055	.017	.005	.003	.92	.89	.90	.90	3,049	35,851	94,930	.560	.705	.982	.04	.02	.00
10. challenge	276	5.30	5.48	5.48	5.52	.086	.026	.007	.004	1.42	1.38	1.35	1.32	3,031	35,590	94,350	.035	.025	.006	-.13	-.14	-.17
11 a. intern <sup>l</sup>	272	.422	.452	.466	.467	.0300	.0095	.0027	.0016	--	--	--	--	--	--	--	.334	.148	.136	-.06	-.09	-.09
b. leader <sup>l</sup>	272	.218	.264	.301	.323	.0251	.0084	.0024	.0015	--	--	--	--	--	--	--	.100	.003	.000	-.11	-.19	-.24
c. learncom <sup>l</sup>	272	.208	.188	.208	.223	.0247	.0075	.0022	.0014	--	--	--	--	--	--	--	.439	.981	.553	.05	.00	-.04
d. abroad <sup>l</sup>	267	.105	.080	.107	.118	.0188	.0052	.0017	.0011	--	--	--	--	--	--	--	.158	.921	.520	.09	-.01	-.04
e. research <sup>l</sup>	271	.209	.208	.203	.221	.0248	.0078	.0021	.0014	--	--	--	--	--	--	--	.957	.802	.638	.00	.02	-.03
f. capstone <sup>l</sup>	272	.532	.389	.414	.418	.0303	.0093	.0026	.0016	--	--	--	--	--	--	--	.000	.000	.000	.29	.24	.23
12. servcourse	268	1.78	1.67	1.75	1.74	.050	.014	.004	.002	.82	.74	.73	.72	2,991	271	269	.018	.565	.386	.15	.04	.06
13 a. QIstudent	270	5.41	5.48	5.57	5.60	.086	.027	.007	.004	1.41	1.39	1.34	1.32	2,956	34,834	91,526	.419	.046	.017	-.05	-.12	-.15
b. QIadvisor	269	5.29	5.06	5.10	5.19	.105	.035	.010	.006	1.72	1.82	1.79	1.76	2,952	34,626	91,596	.040	.076	.328	.13	.11	.06
c. QIfaculty	270	5.40	5.32	5.42	5.46	.090	.028	.008	.005	1.48	1.44	1.42	1.42	2,971	34,865	92,050	.364	.804	.537	.06	-.02	-.04
d. QIstaff	220	4.86	4.85	4.92	4.98	.126	.039	.010	.006	1.86	1.78	1.72	1.71	2,333	28,457	220	.984	.588	.334	.00	-.04	-.07
e. QIadmin	259	4.79	4.83	4.89	4.93	.116	.035	.010	.006	1.87	1.76	1.73	1.71	2,746	261	259	.704	.394	.202	-.02	-.06	-.09
14 a. empstudy	270	3.04	3.12	3.10	3.13	.049	.015	.004	.003	.81	.77	.78	.77	2,981	35,016	92,633	.087	.204	.063	-.11	-.08	-.11
b. SEacademic	268	2.87	2.84	2.88	2.90	.051	.017	.005	.003	.84	.87	.86	.86	2,970	34,923	92,419	.672	.842	.595	.03	-.01	-.03
c. SElearnsup	268	2.88	2.78	2.81	2.82	.058	.018	.005	.003	.94	.94	.95	.95	2,978	34,901	92,273	.126	.232	.350	.10	.07	.06
d. SEdiverse	265	2.84	2.64	2.70	2.64	.059	.019	.005	.003	.96	.99	.99	.99	2,967	34,835	92,184	.002	.019	.001	.20	.14	.20
e. SEsocial	266	2.67	2.69	2.83	2.82	.061	.018	.005	.003	1.00	.94	.92	.92	313	269	266	.717	.010	.013	-.02	-.17	-.17
f. SEwellness	266	2.64	2.63	2.75	2.75	.060	.019	.005	.003	.98	.96	.96	.96	2,961	34,758	91,985	.865	.054	.069	.01	-.12	-.11

# NSSE 2020 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Massachusetts Boston

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMass Boston	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	UMass Boston	Presidential Peers	Urban Peers	4-year Public Inst.	Comparisons with:			Comparisons with:			Comparisons with:		
														Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.	Presidential Peers	Urban Peers	4-year Public Inst.
g. SEnonacad	267	2.13	2.02	2.11	2.10	.061	.019	.005	.003	.99	.99	1.00	.99	2,963	34,728	91,838	.097	.806	.726	.11	.02	.02
h. SEactivities	265	2.29	2.46	2.57	2.58	.062	.019	.005	.003	1.01	.97	.98	.98	2,963	34,687	91,712	.007	.000	.000	-.17	-.28	-.29
i. SEevents	265	2.42	2.29	2.37	2.32	.061	.018	.005	.003	.99	.96	.97	.96	2,957	34,684	91,749	.038	.345	.077	.13	.06	.11
15 a. SBmyself	264	3.28	--	3.28	3.31	.039	--	.005	.002	.63	--	.71	.71	--	272	265	--	.966	.483	--	.00	-.04
b. SBvalued	265	2.75	--	2.87	2.89	.054	--	.006	.003	.88	--	.84	.85	--	270	265	--	.031	.008	--	-.14	-.17
c. SBcommunity	265	2.71	--	2.90	2.94	.053	--	.006	.003	.87	--	.83	.83	--	270	265	--	.001	.000	--	-.22	-.27
16 a. tmprephrs	265	13.62	14.90	14.45	14.74	.552	.172	.047	.029	8.98	8.92	8.70	8.78	2,950	34,573	91,451	.026	.121	.038	-.14	-.10	-.13
b. tmcocurrhrs	260	3.89	4.23	4.66	4.82	.421	.134	.038	.023	6.79	6.92	6.95	7.02	2,940	34,504	91,271	.440	.073	.032	-.05	-.11	-.13
c. tmworkonhrs	259	2.41	3.15	3.46	3.49	.390	.133	.039	.024	6.28	6.91	7.22	7.14	322	263	260	.072	.008	.006	-.11	-.15	-.15
d. tmworkoffhrs	262	16.88	15.06	14.33	13.02	.778	.251	.070	.043	12.60	13.01	13.01	13.10	2,947	34,553	263	.031	.002	.000	.14	.20	.29
— tmworkhrs	259	19.24	18.24	17.77	16.48	.815	.258	.072	.045	13.12	13.34	13.29	13.42	2,929	34,400	90,930	.247	.076	.001	.08	.11	.21
e. tmservicehrs	261	3.33	3.09	3.45	3.29	.379	.112	.033	.019	6.13	5.79	6.02	5.81	2,939	34,493	91,296	.535	.747	.921	.04	-.02	.01
f. tmrelaxhrs	262	10.09	10.48	10.97	11.16	.501	.159	.045	.028	8.12	8.22	8.33	8.37	2,942	34,542	91,275	.461	.088	.040	-.05	-.11	-.13
g. tmcarehrs	258	6.62	6.25	5.72	5.56	.682	.204	.056	.035	10.96	10.55	10.35	10.47	2,932	261	91,178	.586	.187	.102	.04	.09	.10
h. tmcommutehrs	262	8.69	6.88	6.57	5.84	.447	.137	.037	.022	7.24	7.10	6.85	6.76	2,944	34,535	263	.000	.000	.000	.25	.31	.42
17. reading	262	3.10	2.72	2.77	2.76	.069	.023	.006	.004	1.12	1.18	1.17	1.19	321	34,472	263	.000	.000	.000	.32	.28	.28
— tmreadinghrs	262	7.32	6.74	6.67	6.81	.403	.120	.033	.021	6.53	6.21	6.11	6.26	2,933	34,324	90,796	.151	.087	.192	.09	.11	.08
18 a. pgwrite	261	3.03	2.84	2.98	2.97	.053	.018	.005	.003	.86	.92	.89	.89	321	34,398	91,086	.001	.422	.277	.20	.05	.07
b. pgspeak	259	2.91	2.77	2.91	2.91	.056	.019	.005	.003	.90	.96	.92	.92	317	34,389	90,950	.019	.906	.950	.15	-.01	.00
c. pgthink	261	3.22	3.20	3.28	3.28	.050	.016	.004	.003	.80	.82	.79	.79	2,935	34,397	90,986	.698	.224	.191	.03	-.08	-.08
d. pganalyze	258	2.81	2.98	2.94	2.93	.057	.018	.005	.003	.91	.93	.95	.96	2,932	34,418	90,951	.004	.022	.041	-.19	-.14	-.13
e. pgwork	258	2.67	2.81	2.88	2.91	.060	.019	.005	.003	.96	.98	.97	.96	2,926	34,392	90,960	.021	.000	.000	-.15	-.22	-.26
f. pgothers	259	2.86	2.93	3.05	3.06	.056	.017	.005	.003	.90	.90	.88	.87	2,932	34,419	90,924	.209	.001	.000	-.08	-.21	-.23
g. pgvalues	260	2.85	2.72	2.83	2.83	.058	.019	.005	.003	.93	1.00	.99	.98	320	34,381	90,878	.032	.780	.729	.13	.02	.02
h. pgdiverse	258	3.17	2.84	2.94	2.89	.052	.019	.005	.003	.84	.98	.95	.96	328	262	259	.000	.000	.000	.34	.24	.29
i. pgprobsolve	260	2.89	2.78	2.84	2.85	.057	.019	.005	.003	.91	.97	.95	.95	318	34,419	90,917	.062	.430	.469	.12	.05	.04
j. pgcitizen	259	2.77	2.59	2.72	2.70	.059	.019	.005	.003	.95	1.00	1.00	1.00	315	34,431	91,057	.004	.407	.243	.18	.05	.07
19. evalexp	262	2.99	3.09	3.18	3.19	.051	.015	.004	.003	.82	.79	.78	.78	2,947	34,580	91,495	.050	.000	.000	-.13	-.24	-.25
20. sameinst	263	2.89	3.09	3.19	3.20	.055	.016	.005	.003	.88	.85	.84	.84	2,949	34,639	91,789	.000	.000	.000	-.23	-.36	-.37

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### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). 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.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. 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.
- e. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . See page 2 for more details.
- f. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the  $t$ -tests. Values differ from  $N$ s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."