



NSSE 2015

Frequencies and Statistical Comparisons

University of Massachusetts Boston

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NSSE 2015 Frequencies and Statistical Comparisons

About This Report

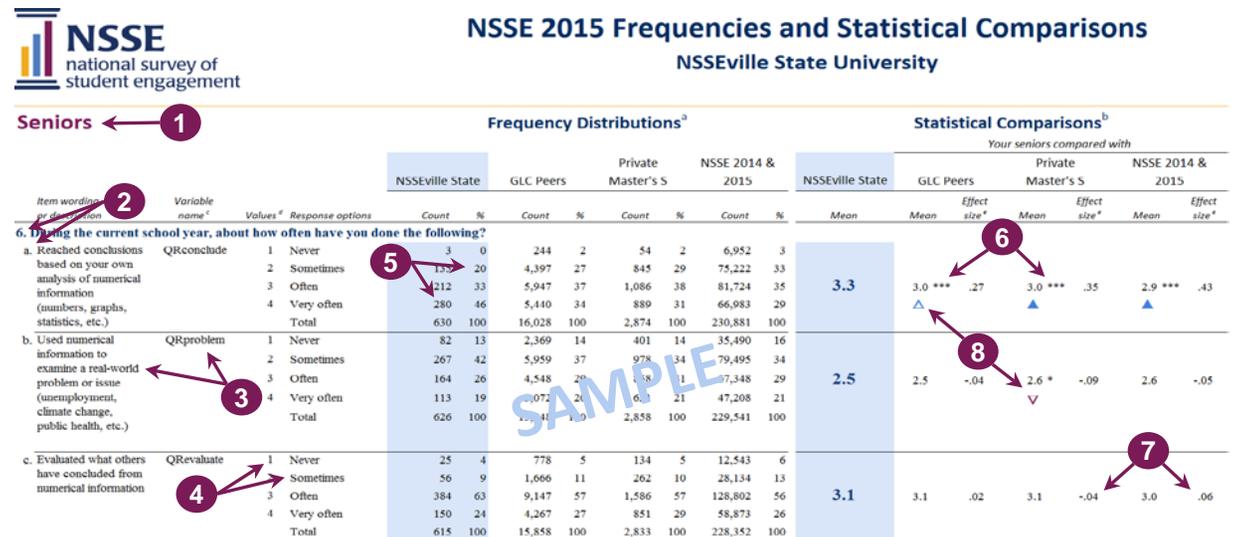
The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly 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) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- 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.

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- 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: nsse.indiana.edu/html/weighting.cfm

- 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.



		Frequency Distributions ^a								Statistical Comparisons ^b						
		NSSEville State		GLC Peers		Private Master's S		NSSE 2014 & 2015		Your seniors compared with						
Item wording or description	Variable name ^c	Count	%	Count	%	Count	%	Count	%	NSSEville State	GLC Peers	Private Master's S	NSSE 2014 & 2015			
	Values ^e Response options									Mean	Mean	Effect size ^f	Mean	Effect size ^f	Mean	Effect size ^f
6. During the current school year, about how often have you done the following?																
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43
	1 Never	155	20	4,397	27	845	29	75,222	33							
	2 Sometimes	212	33	5,947	37	1,086	38	81,724	35							
	3 Often	280	46	5,440	34	889	31	66,983	29							
	4 Very often	630	100	16,028	100	2,874	100	230,881	100							
	Total															
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05
	1 Never	267	42	5,959	37	978	34	79,495	34							
	2 Sometimes	164	26	4,548	29	1,138	1	97,348	29							
	3 Often	113	19	3,072	20	60	21	47,208	21							
	4 Very often	626	100	15,411	100	2,858	100	229,541	100							
	Total															
c. Evaluated what others have concluded from numerical information	QRevaluate	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06
	1 Never	56	9	1,666	11	262	10	28,134	13							
	2 Sometimes	384	63	9,147	57	1,586	57	128,802	56							
	3 Often	150	24	4,267	27	851	29	58,873	26							
	4 Very often	615	100	15,858	100	2,833	100	228,352	100							

- 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 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	10	3	1,250	4	5,164	4	6,945	3	2.9	2.8	.11	2.8	.07	2.9	-.03	
		2	Sometimes	117	36	11,111	38	49,468	37	75,240	33								
		3	Often	104	33	9,899	34	47,490	35	81,832	35								
		4	Very often	89	28	6,853	24	33,923	25	67,174	29								
			Total	320	100	29,113	100	136,045	100	231,191	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	35	10	5,038	18	21,810	17	35,537	16	2.8	2.5 ***	.27	2.5 ***	.23	2.6 ***	.21	
		2	Sometimes	87	29	9,897	34	46,409	34	79,675	34								
		3	Often	109	35	8,238	28	39,792	29	67,403	29								
		4	Very often	80	26	5,711	19	27,287	20	47,241	21								
			Total	311	100	28,884	100	135,298	100	229,856	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	14	5	1,804	6	7,795	6	12,554	6	3.0	2.9	.10	3.0	.05	3.0	.01	
		2	Often	34	11	4,282	15	17,868	14	28,156	13								
		3	Sometimes	184	60	16,239	56	75,989	56	129,002	56								
		4	Never	79	24	6,434	22	32,970	24	58,944	26								
			Total	311	100	28,759	100	134,622	100	228,656	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	159	52	10,320	37	49,098	38	75,970	36	1.7	1.9 ***	-.27	1.9 ***	-.27	2.0 ***	-.31	
		2	Sometimes	108	34	11,212	39	52,594	39	89,550	38								
		3	Often	25	7	4,504	15	20,696	15	39,180	16								
		4	Very often	13	7	2,517	8	11,547	9	22,797	9								
			Total	305	100	28,553	100	133,935	100	227,497	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	35	13	2,178	9	10,413	9	18,154	10	2.4	2.6 ***	-.21	2.6 ***	-.19	2.6 **	-.17	
		2	Sometimes	139	45	11,058	40	52,830	40	89,535	40								
		3	Often	90	27	9,794	34	45,359	33	77,156	33								
		4	Very often	41	15	5,408	18	24,910	18	42,026	18								
			Total	305	100	28,438	100	133,512	100	226,871	100								
f. Explained course material to one or more students	CLexplain	1	Never	10	4	1,060	4	5,195	4	9,175	5	2.8	2.8	.00	2.7	.02	2.7	.04	
		2	Sometimes	114	38	10,326	37	49,217	38	83,082	38								
		3	Often	121	36	11,055	39	50,989	38	86,986	38								
		4	Very often	58	21	5,659	20	25,997	20	44,273	19								
			Total	303	100	28,100	100	131,398	100	223,516	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	45	16	3,649	14	17,750	14	29,508	15	2.5	2.6 *	-0.12	2.5	-0.10	2.5	-0.09	
		2	Sometimes	119	38	10,008	36	47,405	36	79,250	36								
		3	Often	89	30	8,550	30	39,616	30	68,173	30								
		4	Very often	47	16	5,869	20	26,711	20	46,719	20								
		Total		300	100	28,076	100	131,482	100	223,650	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	23	9	1,883	7	9,398	8	15,206	8	2.6	2.6	-0.04	2.6	-0.03	2.6	-0.04	
		2	Sometimes	123	39	11,090	40	51,471	40	85,976	39								
		3	Often	98	35	9,774	35	45,674	35	78,888	35								
		4	Very often	53	17	5,152	18	24,124	18	42,325	19								
		Total		297	100	27,899	100	130,667	100	222,395	100								
i. Given a course presentation	present	1	Never	56	19	5,560	21	25,417	20	38,213	19	2.2	2.2	.03	2.3	-0.01	2.3	-0.06	
		2	Sometimes	142	47	12,772	45	57,805	44	98,545	44								
		3	Often	70	23	6,560	23	31,996	24	57,421	25								
		4	Very often	29	10	2,771	10	14,375	11	26,412	12								
		Total		297	100	27,663	100	129,593	100	220,591	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	13	5	1,704	7	8,381	7	13,393	7	2.8	2.7 *	.12	2.7 *	.12	2.7	.10	
		2	Sometimes	108	37	10,221	38	47,591	38	79,994	37								
		3	Often	101	35	9,937	37	46,586	36	80,000	37								
		4	Very often	69	24	5,038	19	24,387	19	42,950	20								
		Total		291	100	26,900	100	126,945	100	216,337	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	18	7	2,327	9	10,905	9	16,695	8	2.7	2.6 **	.16	2.6 *	.14	2.6	.10	
		2	Sometimes	104	36	10,437	40	48,721	39	80,797	38								
		3	Often	99	34	9,261	34	43,831	34	76,322	35								
		4	Very often	67	23	4,586	17	22,089	18	40,204	19								
		Total		288	100	26,611	100	125,546	100	214,018	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	20	8	2,839	11	12,936	11	19,151	10	2.8	2.5 ***	.27	2.6 ***	.24	2.6 ***	.20	
		2	Sometimes	88	32	10,613	40	49,781	40	82,502	39								
		3	Often	103	34	8,631	32	41,330	32	72,879	33								
		4	Very often	75	26	4,492	17	21,470	17	39,414	18								
		Total		286	100	26,575	100	125,517	100	213,946	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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University of Massachusetts Boston

First-Year Students

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Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	11	3	1,332	5	6,418	5	9,853	5	2.9	2.8 *	.15	2.8 *	.14	2.8	.10	
		2	Sometimes	79	29	8,863	33	41,488	33	68,366	32								
		3	Often	123	44	10,950	41	51,800	41	89,579	42								
		4	Very often	70	24	5,290	20	25,316	21	45,408	22								
		Total		283	100	26,435	100	125,022	100	213,206	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	7	3	981	4	4,627	4	7,079	4	3.0	2.9	.10	2.9	.09	2.9	.07	
		2	Sometimes	62	23	7,888	30	37,017	30	61,280	29								
		3	Often	143	49	11,010	41	52,175	41	90,069	42								
		4	Very often	72	25	6,492	25	30,977	25	54,271	26								
		Total		284	100	26,371	100	124,796	100	212,699	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	8	3	802	3	3,838	3	5,873	3	2.9	2.8	.09	2.8	.08	2.9	.05	
		2	Sometimes	77	31	8,386	33	39,605	32	64,592	31								
		3	Often	116	39	10,925	41	51,868	41	89,391	41								
		4	Very often	82	28	6,195	23	29,111	23	52,276	24								
		Total		283	100	26,308	100	124,422	100	212,132	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	2	385	2	1,999	2	3,031	2	3.1	3.1	.11	3.1	.11	3.1	.07	
		2	Sometimes	43	18	5,695	22	27,276	22	43,311	21								
		3	Often	130	46	11,705	44	55,044	44	93,962	44								
		4	Very often	105	35	8,380	32	39,472	32	70,820	33								
		Total		282	100	26,165	100	123,791	100	211,124	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	66	27	5,972	23	26,644	23	43,126	22	2.2	2.2	-.03	2.2	-.06	2.2	-.08	
		2	Sometimes	126	43	12,073	46	56,258	45	96,807	45								
		3	Often	51	18	5,498	21	27,160	21	47,340	22								
		4	Very often	36	12	2,693	10	14,151	11	24,609	11								
		Total		279	100	26,236	100	124,213	100	211,882	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	153	55	13,771	53	64,395	53	105,596	52	1.7	1.7	-.02	1.7	-.04	1.7	-.06	
		2	Sometimes	71	26	7,692	29	35,629	28	63,934	29								
		3	Often	33	12	3,042	12	15,278	12	26,890	12								
		4	Very often	19	7	1,622	6	8,406	7	14,566	7								
		Total		276	100	26,127	100	123,708	100	210,986	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your first-year students compared with							
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	79	31	8,683	33	40,766	33	63,517	32	2.0	2.0	.08	2.0	.06	2.0	.03	
		2	Sometimes	119	41	11,255	43	51,760	41	90,623	42								
		3	Often	54	19	4,254	17	21,139	17	38,693	18								
		4	Very often	23	8	1,888	7	9,836	8	17,818	8								
		Total		275	100	26,080	100	123,501	100	210,651	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	47	18	6,944	27	31,135	26	48,466	24	2.3	2.1 *** △	.26	2.1 *** △	.22	2.2 ** △	.18	
		2	Sometimes	124	44	12,125	46	56,603	46	97,965	46								
		3	Often	73	27	4,770	19	24,067	19	43,444	20								
		4	Very often	34	11	2,159	8	11,299	9	20,099	10								
		Total		278	100	25,998	100	123,104	100	209,974	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	16	5	851	3	3,802	3	7,866	4	2.8	3.0 ** ▽	-.20	3.0 *** ▽	-.22	3.0 ** ▽	-.17	
		2	Some	69	29	5,983	23	27,838	23	50,550	24								
		3	Quite a bit	122	43	11,333	43	53,727	43	90,217	43								
		4	Very much	71	23	7,957	30	38,205	30	62,086	29								
		Total		278	100	26,124	100	123,572	100	210,719	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	5	944	4	4,396	4	7,009	4	3.0	3.0	-.02	3.0	-.02	3.0	-.04	
		2	Some	59	23	5,914	23	28,870	24	47,423	23								
		3	Quite a bit	120	44	11,458	44	53,825	44	92,409	44								
		4	Very much	82	29	7,671	29	35,858	29	62,793	30								
		Total		274	100	25,987	100	122,949	100	209,634	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	3	1,012	4	4,888	4	7,330	4	3.1	3.0 * △	.14	3.0 * △	.14	3.0	.10	
		2	Some	53	20	6,082	24	29,622	24	47,471	23								
		3	Quite a bit	109	42	11,117	43	51,798	42	88,726	42								
		4	Very much	97	35	7,636	29	36,111	29	65,242	31								
		Total		268	100	25,847	100	122,419	100	208,769	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	2	1,162	5	5,379	5	8,104	4	3.1	2.9 *** △	.22	2.9 *** △	.20	2.9 ** △	.16	
		2	Some	53	19	6,889	27	31,891	26	51,232	25								
		3	Quite a bit	127	47	10,941	42	52,058	42	89,657	43								
		4	Very much	89	31	6,884	26	33,141	27	59,825	28								
		Total		274	100	25,876	100	122,469	100	208,818	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year						Your first-year students compared with									
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	3	1,321	5	6,161	5	9,332	5	3.1	2.9 ***	.21	2.9 ***	.20	2.9 **	.16	
		2	Some	56	20	7,064	28	32,613	27	52,576	26								
		3	Quite a bit	121	45	10,609	41	50,908	41	87,697	42								
		4	Very much	91	32	6,791	26	32,498	26	58,699	28								
		Total		277	100	25,785	100	122,180	100	208,304	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	5	2	516	2	2,410	2	3,741	2	3.2	3.1	.09	3.1	.05	3.1	.02	
		2	Some	52	19	4,912	19	21,990	18	35,724	18								
		3	Quite a bit	109	39	11,966	46	54,889	44	93,879	44								
		4	Very much	112	40	8,656	33	43,989	35	76,898	36								
		Total		278	100	26,050	100	123,278	100	210,242	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	14	5	682	3	3,194	3	4,945	3	3.0	3.1	-.07	3.1	-.10	3.1	-.13	
		2	Some	68	24	4,997	20	23,602	19	37,784	19								
		3	Quite a bit	104	37	12,203	47	55,981	45	95,710	45								
		4	Very much	90	34	8,087	31	40,167	33	71,251	34								
		Total		276	100	25,969	100	122,944	100	209,690	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	12	5	802	3	3,865	3	6,072	3	3.0	3.1	-.07	3.1	-.10	3.1 *	-.12	
		2	Some	71	26	5,468	22	25,286	21	40,662	20								
		3	Quite a bit	100	34	10,809	41	50,051	40	85,346	40								
		4	Very much	93	35	8,813	34	43,421	35	77,035	36								
		Total		276	100	25,892	100	122,623	100	209,115	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	9	4	2,204	9	9,611	8	14,677	8	3.2	2.8 ***	.43	2.8 ***	.38	2.9 ***	.33	
		2	Some	50	18	7,721	30	34,659	28	55,561	27								
		3	Quite a bit	96	36	9,228	35	43,693	35	75,197	35								
		4	Very much	119	43	6,730	26	34,587	28	63,557	30								
		Total		274	100	25,883	100	122,550	100	208,992	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	18	7	2,520	10	11,043	9	16,065	8	2.9	2.7 ***	.26	2.8 **	.20	2.8 *	.14	
		2	Some	76	26	8,379	32	37,330	31	59,949	29								
		3	Quite a bit	91	32	9,280	36	44,310	36	77,824	37								
		4	Very much	92	34	5,602	22	29,427	24	54,363	26								
		Total		277	100	25,781	100	122,110	100	208,201	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	29	10	3,285	12	16,016	13	28,948	13	2.7	2.6	.08	2.6	.10	2.6	.11	
		2	Sometimes	87	31	8,899	33	42,639	34	72,815	34								
		3	Often	103	38	8,970	35	42,077	34	70,501	34								
		4	Very often	57	21	4,852	19	22,368	19	37,618	19								
		Total		276	100	26,006	100	123,100	100	209,882	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	51	19	5,616	22	26,565	21	46,102	22	2.4	2.3 *	.14	2.3 *	.14	2.3 *	.14	
		2	Sometimes	97	33	10,251	39	48,519	39	82,684	39								
		3	Often	89	31	6,848	27	32,167	26	54,526	26								
		4	Very often	40	16	3,248	13	15,568	13	26,089	13								
		Total		277	100	25,963	100	122,819	100	209,401	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	45	16	5,191	20	25,731	21	44,044	21	2.4	2.3	.09	2.3	.11	2.3	.11	
		2	Sometimes	116	41	10,537	40	49,579	40	84,888	40								
		3	Often	85	31	7,159	28	32,737	27	55,530	27								
		4	Very often	30	12	2,963	12	14,197	12	23,996	12								
		Total		276	100	25,850	100	122,244	100	208,458	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	4	3	986	5	5,464	5	7,729	5	8.0	6.7 ***	.21	6.3 ***	.29	6.9 **	.19	
		1.5	1-2	30	13	4,510	20	23,506	21	34,915	19								
		4	3-5	88	34	7,422	32	36,879	33	60,180	32								
		8	6-10	70	25	5,986	25	27,520	24	49,572	25								
		13	11-15	26	11	2,416	10	10,594	9	21,126	10								
		18	16-20	20	8	1,099	4	4,387	4	9,532	5								
		23	More than 20	20	7	1,302	5	4,649	4	10,266	5								
Total		258	100	23,721	100	112,999	100	193,320	100										
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	65	26	7,126	33	38,407	36	57,493	33	2.6	2.2	.13	2.0 *	.20	2.2	.14	
		1.5	1-2	110	44	9,875	42	45,885	41	80,121	41								
		4	3-5	59	22	4,181	17	17,412	16	35,061	18								
		8	6-10	11	4	1,361	6	5,715	5	11,164	6								
		13	11-15	4	3	318	1	1,253	1	2,400	1								
		18	16-20	0	0	100	0	379	0	744	0								
		23	More than 20	3	1	107	0	412	0	723	0								
Total		252	100	23,068	100	109,463	100	187,706	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year						Your first-year students compared with									
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	196	79	16,969	76	82,804	78	136,974	76	1.1	.8	.09	.8	.11	.8	.09	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	33	13	4,002	17	17,464	16	33,888	18								
		4	3-5	5	2	685	3	2,939	3	5,580	3								
		8	6-10	3	1	314	2	1,579	2	2,555	2								
		13	11-15	2	2	173	1	840	1	1,428	1								
		18	16-20	1	1	69	0	300	0	554	0								
	23	More than 20	3	1	128	1	514	1	868	1									
		Total			243	100	22,340	100	106,440	100	181,847	100							
Estimated number of assigned pages of student writing.	wrpages											56.2	47.8	.14	44.6 *	.20	48.0	.14	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	11	4	1,167	5	5,413	5	8,601	5	3.2	3.1 **	.18	3.1 *	.15	3.1 *	.13	
		2	Sometimes	38	17	5,863	24	26,443	23	44,214	22								
		3	Often	77	29	7,246	30	34,027	30	57,588	29								
		4	Very often	131	49	9,769	41	48,867	42	85,895	43								
			Total	257	100	24,045	100	114,750	100	196,298	100								
b. People from an economic background other than your own	DDeconomic	1	Never	15	6	1,092	5	5,212	5	8,229	5	3.0	3.1	-.08	3.1	-.08	3.1	-.11	
		2	Sometimes	63	27	5,340	22	25,039	22	41,312	21								
		3	Often	75	27	8,256	34	38,676	34	65,851	33								
		4	Very often	104	39	9,307	39	45,511	39	80,384	40								
			Total	257	100	23,995	100	114,438	100	195,776	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	18	8	1,798	7	6,774	6	12,200	7	3.0	3.0	.00	3.0	-.03	3.0	-.02	
		2	Sometimes	59	24	5,952	24	26,826	24	47,391	24								
		3	Often	76	29	7,152	30	34,761	30	57,905	30								
		4	Very often	103	39	9,063	39	45,865	40	77,936	40								
			Total	256	100	23,965	100	114,226	100	195,432	100								
d. People with political views other than your own	DDpolitical	1	Never	27	10	1,612	7	7,757	7	13,075	7	2.9	3.0	-.11	3.0	-.12	3.0	-.12	
		2	Sometimes	68	27	6,161	25	27,777	25	49,224	25								
		3	Often	74	28	7,535	32	35,689	31	60,374	31								
		4	Very often	87	35	8,526	36	42,468	37	71,869	37								
			Total	256	100	23,834	100	113,691	100	194,542	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year						Your first-year students compared with									
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	1	423	2	1,903	2	2,859	2	3.3	3.1 ***	.25	3.1 ***	.22	3.2 **	.18	
		2	Sometimes	27	12	4,612	20	21,258	19	33,290	18								
		3	Often	106	44	10,277	43	49,207	43	83,347	43								
		4	Very often	122	44	8,563	35	41,571	36	75,576	38								
		Total		257	100	23,875	100	113,939	100	195,072	100								
b. Reviewed your notes after class	LSnotes	1	Never	8	3	1,194	5	5,305	5	9,265	5	2.8	2.9	-.06	2.9	-.10	2.9	-.11	
		2	Sometimes	96	39	7,374	31	33,004	30	56,615	29								
		3	Often	75	28	7,856	33	37,962	33	64,757	33								
		4	Very often	78	29	7,384	31	37,344	32	63,827	33								
		Total		257	100	23,808	100	113,615	100	194,464	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	17	7	1,697	8	7,432	7	12,032	6	2.8	2.8	-.04	2.8	-.07	2.9	-.10	
		2	Sometimes	90	36	7,381	31	33,923	30	57,422	30								
		3	Often	82	31	8,279	35	39,878	36	68,575	36								
		4	Very often	67	26	6,194	26	31,186	27	54,354	28								
		Total		256	100	23,551	100	112,419	100	192,383	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	1	0	81	0	447	0	740	0	5.3	5.5 **	-.20	5.5 **	-.19	5.6 ***	-.23	
		2		5	2	224	1	1,085	1	1,818	1								
		3		11	4	673	3	3,292	3	5,256	3								
		4		30	12	2,408	10	11,822	11	18,662	10								
		5		96	37	7,734	32	37,119	33	61,605	31								
		6		76	28	7,581	31	35,470	31	63,022	31								
		7	Very much	39	16	5,108	21	24,363	21	43,375	23								
		Total		258	100	23,809	100	113,598	100	194,478	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		25	11	2,270	10	11,692	11	18,850	11	4%	9% **	-.23	8% **	-.20	9% **	-.22	
		Do not plan to do		6	3	748	3	4,470	4	7,455	5								
		Plan to do		214	83	18,680	78	88,067	77	150,747	76								
		Done or in progress		10	4	2,111	9	9,313	8	17,327	9								
		Total		255	100	23,809	100	113,542	100	194,379	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your first-year students compared with							
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	81	31	6,283	26	30,139	27	51,890	27	6%	12% **	-.21	12% *	-.18	12% **	-.20	▽
			Do not plan to do	66	28	5,168	22	26,371	24	42,758	24								
			Plan to do	88	35	9,343	39	43,351	37	75,121	37								
			Done or in progress	17	6	2,916	12	13,249	12	23,911	12								
			Total	252	100	23,710	100	113,110	100	193,680	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	64	24	6,481	27	33,084	29	60,160	30	21%	20%	.03	16%	.11	16% *	.13	△
			Do not plan to do	60	25	6,809	29	31,378	28	52,150	28								
			Plan to do	70	30	5,871	25	30,049	26	51,184	26								
			Done or in progress	60	21	4,517	20	18,368	16	29,758	16								
			Total	254	100	23,678	100	112,879	100	193,252	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	59	25	6,267	26	31,236	28	51,146	27	3%	3%	-.04	4%	-.05	4%	-.06	▽
			Do not plan to do	41	18	5,706	25	28,961	27	47,450	27								
			Plan to do	145	54	10,899	45	48,717	42	87,470	43								
			Done or in progress	8	3	784	3	3,920	4	7,103	4								
			Total	253	100	23,656	100	112,834	100	193,169	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	95	37	8,480	36	41,283	37	71,608	37	4%	6%	-.08	6%	-.08	6%	-.08	▽
			Do not plan to do	26	11	5,123	22	25,976	23	42,614	22								
			Plan to do	122	48	8,677	36	38,982	35	67,407	35								
			Done or in progress	11	4	1,284	6	6,168	6	10,710	6								
			Total	254	100	23,564	100	112,409	100	192,339	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	64	27	7,333	31	36,226	33	57,429	31	2%	3%	-.08	3%	-.08	3%	-.08	▽
			Do not plan to do	19	8	2,128	10	11,231	10	17,099	10								
			Plan to do	167	64	13,440	56	61,577	54	112,362	56								
			Done or in progress	6	2	669	3	3,408	3	5,585	3								
			Total	256	100	23,570	100	112,442	100	192,475	100								

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

Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	servcourse		1 None	157	62	11,881	51	54,768	49	90,060	48	1.4	1.6 ***	-.23	1.6 ***	-.26	1.6 ***	-.29	▽
			2 Some	77	33	9,943	42	48,668	43	86,284	44								
			3 Most	11	4	1,344	6	6,985	6	12,837	7								
			4 All	0	0	226	1	1,173	1	2,160	1								
			Total	245	100	23,394	100	111,594	100	191,341	100								

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NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student	1	Poor	8	3	367	2	1,897	2	3,043	2	5.2	5.5 **	-0.19	5.5 **	-0.18	5.5 ***	-0.21	
		2		4	1	498	2	2,506	2	3,986	2								
		3		18	8	1,092	5	5,446	5	8,591	5								
		4		31	12	2,512	11	12,068	11	19,109	10								
		5		66	27	5,570	23	26,683	23	43,870	23								
		6		68	26	7,029	29	32,785	29	57,299	29								
		7	Excellent	56	20	6,597	28	31,362	27	57,151	29								
		—	Not applicable	3	3	118	1	608	1	1,019	1								
			Total	254	100	23,783	100	113,355	100	194,068	100								
b. Academic advisors	Q1advisor	1	Poor	9	3	1,045	5	4,980	5	7,532	4	4.9	5.0	-0.06	5.0	-0.06	5.1	-0.11	
		2		16	7	1,331	6	6,400	6	10,082	5								
		3		17	9	2,041	9	9,715	9	15,653	8								
		4		36	15	3,280	14	15,582	14	25,672	13								
		5		59	25	4,636	19	21,802	19	37,367	19								
		6		58	20	4,997	21	23,877	21	42,130	21								
		7	Excellent	54	20	5,711	25	27,827	25	50,895	27								
		—	Not applicable	5	2	675	3	2,898	3	4,272	2								
			Total	254	100	23,716	100	113,081	100	193,603	100								
c. Faculty	Q1faculty	1	Poor	5	2	524	2	2,696	3	3,785	2	5.0	5.1	-0.07	5.1	-0.08	5.3 *	-0.16	
		2		11	5	918	4	4,340	4	6,086	3								
		3		14	6	1,706	7	8,114	7	11,880	6								
		4		46	19	3,384	14	16,317	14	25,120	13								
		5		73	30	6,089	26	28,343	25	46,765	24								
		6		53	19	6,446	27	30,148	27	54,951	28								
		7	Excellent	44	16	4,250	18	21,258	19	42,069	22								
		—	Not applicable	6	4	229	1	1,189	1	1,784	1								
			Total	252	100	23,546	100	112,405	100	192,440	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your first-year students compared with							
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	18	8	1,150	5	5,807	5	8,733	5	4.6	4.9 *	-0.16	4.9 *	-0.17	4.9 **	-0.21	
		2		14	6	1,262	5	5,816	5	9,309	5								
		3		20	7	1,821	8	8,740	8	14,176	7								
		4		34	13	3,510	15	15,835	14	26,170	13								
		5		57	22	4,794	20	23,101	20	39,440	20								
		6		40	14	5,107	21	23,696	21	42,252	21								
		7	Excellent	32	13	3,817	16	19,278	17	36,000	18								
		—	Not applicable	38	18	2,118	10	10,355	10	16,719	10								
	Total			253	100	23,579	100	112,628	100	192,799	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	17	6	1,271	6	6,325	6	9,442	5	4.5	4.7 *	-0.15	4.7 *	-0.16	4.8 **	-0.22	
		2		21	8	1,545	6	7,277	6	11,298	6								
		3		26	11	2,052	9	10,037	9	16,166	8								
		4		44	17	3,692	16	17,362	15	28,358	15								
		5		55	22	4,912	21	23,272	21	39,817	20								
		6		43	16	4,698	20	22,188	20	40,420	20								
		7	Excellent	31	12	3,557	15	17,964	16	34,722	18								
		—	Not applicable	17	8	1,906	8	8,265	7	12,670	7								
	Total			254	100	23,633	100	112,690	100	192,893	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	1	325	2	1,634	2	2,698	2	3.1	3.2 **	-0.16	3.2 *	-0.15	3.2 **	-0.17	
		2	Some	48	19	3,263	16	16,066	16	25,915	15								
		3	Quite a bit	116	52	9,598	44	46,490	44	79,323	44								
		4	Very much	77	29	8,869	39	41,415	38	73,583	39								
			Total	243	100	22,055	100	105,605	100	181,519	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	12	6	790	4	3,660	4	5,765	4	2.9	3.1 **	-0.20	3.1 **	-0.20	3.1 **	-0.24	
		2	Some	66	28	4,167	20	19,874	20	31,940	19								
		3	Quite a bit	78	33	8,857	40	42,555	41	72,139	40								
		4	Very much	87	32	8,091	36	38,843	36	70,516	37								
			Total	243	100	21,905	100	104,932	100	180,360	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	17	8	1,164	6	5,412	6	8,787	5	3.0	3.1 **	-0.17	3.1 **	-0.19	3.1 ***	-0.22	
		2	Some	51	23	3,841	18	17,651	17	29,392	17								
		3	Quite a bit	83	34	7,898	36	37,767	36	64,036	36								
		4	Very much	90	34	9,002	40	44,092	41	78,127	42								
			Total	241	100	21,905	100	104,922	100	180,342	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your first-year students compared with						
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	22	11	2,718	13	11,817	12	19,769	12	2.7	2.7	.03	2.7	.00	2.8	-.02
		2	Some	71	31	6,578	30	30,311	29	50,983	28							
		3	Quite a bit	83	33	6,947	32	34,483	33	59,250	33							
		4	Very much	65	26	5,690	26	28,449	26	50,596	27							
		Total		241	100	21,933	100	105,060	100	180,598	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	32	14	1,160	6	5,535	6	9,244	6	2.6	3.0 ***	-.45	3.0 ***	-.45	3.0 ***	-.45
		2	Some	74	31	4,608	22	22,374	22	37,139	21							
		3	Quite a bit	81	35	8,434	39	39,938	38	68,226	38							
		4	Very much	55	20	7,708	34	37,121	34	65,793	35							
		Total		242	100	21,910	100	104,968	100	180,402	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	31	12	1,312	6	6,042	6	10,587	7	2.7	3.0 ***	-.33	3.0 ***	-.35	3.0 ***	-.33
		2	Some	77	32	4,681	22	21,908	22	37,722	22							
		3	Quite a bit	68	31	8,436	39	39,752	38	68,196	38							
		4	Very much	65	25	7,405	33	36,889	34	63,269	34							
		Total		241	100	21,834	100	104,591	100	179,774	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	65	27	4,537	22	21,144	21	35,256	21	2.3	2.4	-.07	2.4	-.09	2.4	-.10
		2	Some	75	32	7,659	35	35,963	34	62,264	34							
		3	Quite a bit	53	24	6,012	27	29,560	28	51,004	28							
		4	Very much	46	18	3,609	16	17,823	17	31,115	17							
		Total		239	100	21,817	100	104,490	100	179,639	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	39	20	1,492	7	7,260	8	13,262	9	2.5	2.9 ***	-.46	2.9 ***	-.45	2.9 ***	-.42
		2	Some	81	34	5,192	24	24,890	24	41,059	24							
		3	Quite a bit	57	23	8,220	37	39,080	37	66,931	37							
		4	Very much	60	23	6,858	31	33,055	31	58,018	31							
		Total		237	100	21,762	100	104,285	100	179,270	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	42	17	3,087	15	14,536	15	23,862	15	2.5	2.6	-.04	2.6	-.05	2.6	-.07
		2	Some	77	33	7,204	33	34,015	33	56,355	32							
		3	Quite a bit	69	28	7,003	32	33,535	32	58,640	32							
		4	Very much	52	21	4,412	20	21,871	20	39,861	21							
		Total		240	100	21,706	100	103,957	100	178,718	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d Response options		Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e
		Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	1	117	1	592	1	873	1	13.5	14.5	-.11	13.7	-.02	14.1	-.07	
		3	1-5 hrs	39	18	2,847	14	16,134	16	24,823	15								
		8	6-10 hrs	51	22	5,115	24	26,173	25	42,260	24								
		13	11-15 hrs	52	20	4,704	22	22,622	22	38,590	21								
		18	16-20 hrs	45	17	3,829	17	17,544	16	31,798	17								
		23	21-25 hrs	24	10	2,553	11	10,643	10	20,121	11								
		28	26-30 hrs	18	8	1,369	6	5,721	5	11,290	6								
		33	More than 30 hrs	7	3	1,370	6	5,397	5	10,426	6								
	Total			238	100	21,904	100	104,826	100	180,181	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	135	57	6,985	33	34,680	35	54,211	34	3.6	5.3 ***	-.26	5.1 ***	-.23	5.4 ***	-.26	
		3	1-5 hrs	54	22	7,605	34	35,670	33	62,411	33								
		8	6-10 hrs	21	9	3,532	16	16,662	16	29,497	16								
		13	11-15 hrs	14	6	1,762	8	8,417	8	15,617	8								
		18	16-20 hrs	3	1	1,025	5	4,650	4	9,198	5								
		23	21-25 hrs	3	3	434	2	2,114	2	4,219	2								
		28	26-30 hrs	3	1	177	1	862	1	1,778	1								
		33	More than 30 hrs	2	1	246	1	1,168	1	2,156	1								
	Total			235	100	21,766	100	104,223	100	179,087	100								
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	204	85	17,191	80	84,594	81	136,856	78	1.9	2.4	-.09	2.2	-.05	2.4	-.08	
		3	1-5 hrs	9	4	771	3	3,699	3	9,511	5								
		8	6-10 hrs	6	2	1,357	6	6,621	6	16,173	8								
		13	11-15 hrs	10	4	1,184	5	4,550	4	8,909	5								
		18	16-20 hrs	6	2	957	4	3,069	3	5,256	3								
		23	21-25 hrs	2	2	203	1	871	1	1,407	1								
		28	26-30 hrs	1	1	79	0	348	0	538	0								
		33	More than 30 hrs	0	0	106	1	830	1	1,155	1								
	Total			238	100	21,848	100	104,582	100	179,805	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your first-year students compared with							
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	114	50	15,788	72	73,092	69	128,308	70	9.2	▲	4.4 ***	.56	5.0 ***	.46	5.1 ***	.43
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	5	1,027	5	5,074	5	9,010	5								
		8	6-10 hrs	21	8	1,039	5	5,400	5	9,211	5								
		13	11-15 hrs	18	6	1,032	5	5,375	5	8,415	5								
		18	16-20 hrs	24	10	1,112	5	5,488	5	8,243	5								
		23	21-25 hrs	19	9	709	3	3,913	4	5,601	3								
		28	26-30 hrs	12	5	411	2	2,378	2	3,456	2								
		33	More than 30 hrs	13	7	618	3	3,416	4	6,636	5								
		Total			236	100	21,736	100	104,136	100	178,880	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									11.1	▲	6.7 ***	.41	7.1 ***	.36	7.4 ***	.34
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	163	69	12,059	57	59,237	58	99,919	57	2.5	2.4	.02	2.4	.02	2.4	.01	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	47	19	7,183	32	32,437	30	58,497	31								
		8	6-10 hrs	10	4	1,267	6	6,264	6	10,444	6								
		13	11-15 hrs	8	3	524	3	2,653	3	4,321	3								
		18	16-20 hrs	4	1	284	1	1,489	2	2,399	1								
		23	21-25 hrs	4	3	140	1	641	1	1,068	1								
		28	26-30 hrs	1	1	41	0	249	0	409	0								
		33	More than 30 hrs	0	0	83	0	370	0	644	0								
		Total			237	100	21,581	100	103,340	100	177,701	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	2	318	2	1,735	2	2,987	2	11.1	▼	12.7 **	-.20	12.6 **	-.17	12.4 *	-.15
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	28	4,309	20	21,704	21	37,827	22								
		8	6-10 hrs	69	28	5,929	27	28,107	27	48,957	27								
		13	11-15 hrs	34	15	4,528	21	20,977	20	36,091	20								
		18	16-20 hrs	25	11	2,984	14	13,768	13	23,717	13								
		23	21-25 hrs	17	9	1,608	8	7,516	7	12,560	7								
		28	26-30 hrs	7	3	721	3	3,538	3	5,933	3								
		33	More than 30 hrs	7	3	1,270	6	6,517	7	10,429	6								
		Total			235	100	21,667	100	103,862	100	178,501	100							

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NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your first-year students compared with										
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	135	57	16,872	77	78,642	75	136,276	74	4.8	2.4 ***	.38	2.7 ***	.31	3.1 **	.22				
		3	1-5 hrs	44	17	2,206	10	11,440	11	18,773	11											
		8	6-10 hrs	25	10	947	4	5,044	5	8,076	5											
		13	11-15 hrs	11	5	595	3	2,949	3	4,639	3											
		18	16-20 hrs	9	4	358	2	1,846	2	3,003	2											
		23	21-25 hrs	5	3	177	1	932	1	1,588	1											
		28	26-30 hrs	3	2	95	1	536	1	951	1											
		33	More than 30 hrs	3	3	407	2	2,327	3	5,002	4											
			Total			235	100	21,657	100	103,716	100								178,308	100		
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	11	4	7,749	35	37,943	34	79,444	41	7.8	4.1 ***	.66	4.2 ***	.65	3.7 ***	.74				
		3	1-5 hrs	96	40	9,255	42	43,007	42	65,461	38											
		8	6-10 hrs	79	32	2,865	14	13,656	14	19,731	12											
		13	11-15 hrs	28	13	940	5	4,758	5	7,141	4											
		18	16-20 hrs	15	6	459	2	2,216	2	3,340	2											
		23	21-25 hrs	5	3	207	1	1,005	1	1,554	1											
		28	26-30 hrs	3	1	80	0	482	0	727	0											
		33	More than 30 hrs	1	1	213	1	1,031	1	1,552	1											
		Total			238	100	21,768	100	104,098	100	178,950	100										
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																						
	reading	1	Very little	12	5	2,743	14	12,095	12	17,595	11	2.9	2.7 **	.16	2.8 *	.13	2.8	.04				
		2	Some	75	34	6,925	33	33,403	33	53,382	31											
		3	About half	82	36	5,989	28	30,643	29	53,512	30											
		4	Most	47	18	4,377	19	20,112	19	39,144	21											
		5	Almost all	19	7	1,577	7	7,221	7	14,481	8											
			Total			235	100	21,611	100	103,474	100								178,114	100		
	tmreadinghrs															6.5	6.5	.01	6.3	.05	6.8	-.04
		<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																				

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	1	0 hrs	2	1	101	1	512	1	763	1								
		2	More than zero, up to 5 hrs	108	50	10,599	52	53,554	53	83,524	49								
		3	More than 5, up to 10 hrs	71	30	6,363	29	29,716	29	53,245	29								
		4	More than 10, up to 15 hrs	27	11	2,185	9	9,772	9	19,561	10								
		5	More than 15, up to 20 hrs	13	5	1,178	5	4,885	5	10,339	5								
		6	More than 20, up to 25 hrs	5	2	789	3	3,193	3	7,000	4								
		7	More than 25 hrs	4	2	281	1	1,286	1	2,741	1								
			Total	230	100	21,496	100	102,918	100	177,173	100								
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	12	6	1,874	9	8,279	8	12,850	8	3.0	2.8 **	.19	2.8 *	.14	2.9	.09	
		2	Some	56	21	5,857	28	26,899	26	44,460	25								
		3	Quite a bit	101	45	8,517	39	41,635	40	72,027	40								
		4	Very much	71	29	5,509	25	27,485	26	49,989	28								
			Total	240	100	21,757	100	104,298	100	179,326	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	29	12	2,811	13	12,079	12	19,443	11	2.7	2.6	.06	2.7	-.01	2.7	-.03	
		2	Some	71	28	6,959	32	30,854	30	52,960	29								
		3	Quite a bit	95	40	7,568	35	37,841	36	65,680	36								
		4	Very much	46	20	4,338	20	23,139	22	40,632	23								
			Total	241	100	21,676	100	103,913	100	178,715	100								
c. Thinking critically and analytically	pgthink	1	Very little	10	5	778	4	3,768	4	6,005	4	3.0	3.0	-.01	3.1	-.02	3.1	-.06	
		2	Some	44	19	4,313	20	20,452	20	33,028	19								
		3	Quite a bit	109	44	9,308	42	44,429	42	75,924	42								
		4	Very much	78	32	7,276	33	35,251	34	63,739	35								
			Total	241	100	21,675	100	103,900	100	178,696	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	21	8	2,898	14	13,658	13	26,795	14	2.7	2.6	.03	2.6	.02	2.6	.05	
		2	Some	87	36	6,752	31	32,082	31	55,806	31								
		3	Quite a bit	85	37	7,229	33	35,603	34	58,604	33								
		4	Very much	46	19	4,767	22	22,456	22	37,293	21								
			Total	239	100	21,646	100	103,799	100	178,498	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	48	20	3,154	15	15,200	15	24,234	14	2.4	2.6 **	-0.19	2.6 **	-0.18	2.6 ***	-0.22	
		2	Some	83	34	6,822	31	32,697	32	55,423	31								
		3	Quite a bit	74	31	7,180	33	34,048	32	59,204	33								
		4	Very much	36	15	4,538	21	21,977	20	39,870	22								
		Total		241	100	21,694	100	103,922	100	178,731	100								
f. Working effectively with others	pgothers	1	Very little	26	12	1,651	8	7,497	8	12,067	7	2.7	2.8 *	-0.14	2.8 **	-0.17	2.8 **	-0.20	
		2	Some	78	31	6,133	29	28,154	28	47,318	27								
		3	Quite a bit	86	36	8,469	39	40,735	39	70,416	39								
		4	Very much	50	21	5,376	24	27,348	25	48,523	27								
		Total		240	100	21,629	100	103,734	100	178,324	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	31	13	2,963	15	13,862	15	20,990	13	2.7	2.6	.03	2.6	.01	2.7	-0.05	
		2	Some	72	28	6,254	29	29,980	29	49,012	28								
		3	Quite a bit	89	40	7,292	33	35,557	34	62,235	34								
		4	Very much	46	19	5,126	22	24,402	22	46,225	25								
		Total		238	100	21,635	100	103,801	100	178,462	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	17	8	2,627	13	11,497	12	19,073	11	2.9	2.7 **	.21	2.7 **	.17	2.8 *	.14	
		2	Some	68	27	6,490	30	29,709	29	50,347	28								
		3	Quite a bit	79	34	7,348	34	36,015	34	61,739	34								
		4	Very much	77	32	5,183	24	26,647	25	47,461	26								
		Total		241	100	21,648	100	103,868	100	178,620	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	33	14	2,864	14	13,403	14	22,013	13	2.6	2.6	.04	2.6	.02	2.6	.00	
		2	Some	84	33	7,252	34	34,119	33	58,160	33								
		3	Quite a bit	69	29	7,269	33	35,028	33	60,752	34								
		4	Very much	53	23	4,247	19	21,212	20	37,489	21								
		Total		239	100	21,632	100	103,762	100	178,414	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	28	13	3,082	15	14,129	14	23,230	14	2.6	2.6	.02	2.6	-0.01	2.6	-0.04	
		2	Some	90	36	7,115	33	33,219	32	56,104	32								
		3	Quite a bit	75	32	7,095	32	34,427	33	59,475	33								
		4	Very much	47	19	4,263	20	21,569	20	38,838	22								
		Total		240	100	21,555	100	103,344	100	177,647	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class	Public 4-Year Inst.	NSSE All U.S.		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	9	4	348	2	1,711	2	2,846	2	2.9	3.2 ***	-0.34	3.2 ***	-0.31	3.2 ***	-0.36
		2	Fair	51	20	2,591	12	12,852	13	20,249	12							
		3	Good	123	53	11,018	51	53,950	52	87,823	50							
		4	Excellent	58	23	7,843	35	35,950	33	68,605	36							
			Total	241	100	21,800	100	104,463	100	179,523	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	16	7	728	4	3,692	4	6,590	4	3.0	3.2 ***	-0.33	3.2 ***	-0.30	3.2 ***	-0.31
		2	Probably no	50	20	2,651	12	13,078	13	22,014	13							
		3	Probably yes	109	44	9,223	43	44,332	43	73,990	42							
		4	Definitely yes	67	29	9,207	41	43,388	40	77,018	42							
			Total	242	100	21,809	100	104,490	100	179,612	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class	Public 4-Year Inst.	NSSE All U.S.		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	12	3	1,308	3	5,244	3	6,690	2	3.1	3.1	.08	3.1	.05	3.2	-.03
		2	Sometimes	92	22	11,730	26	48,727	25	67,271	23							
		3	Often	140	34	14,078	32	62,438	32	95,727	31							
		4	Very often	170	41	17,182	39	80,976	40	137,687	44							
		Total		414	100	44,298	100	197,385	100	307,375	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	81	20	9,715	22	40,747	21	62,077	20	2.4	2.4	-.02	2.4	-.04	2.5	-.07
		2	Sometimes	159	39	15,639	35	68,495	35	106,583	34							
		3	Often	104	25	10,752	25	49,160	25	76,108	25							
		4	Very often	70	17	7,890	19	37,788	19	60,740	20							
		Total		414	100	43,996	100	196,190	100	305,508	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	24	6	3,203	7	13,215	7	19,514	7	3.0	2.9	.07	2.9	.05	3.0	.02
		2	Often	55	13	6,862	15	28,496	15	42,205	14							
		3	Sometimes	240	57	24,126	55	107,555	55	167,694	55							
		4	Never	93	23	9,575	23	46,135	23	74,717	25							
		Total		412	100	43,766	100	195,401	100	304,130	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	231	58	18,527	44	85,582	45	122,359	43	1.6	1.8 ***	-.23	1.8 ***	-.21	1.9 ***	-.26
		2	Sometimes	121	29	16,126	36	71,245	36	112,621	37							
		3	Often	26	6	5,522	12	22,597	11	40,407	13							
		4	Very often	29	7	3,364	8	15,037	8	27,447	8							
		Total		407	100	43,539	100	194,461	100	302,834	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	61	16	5,311	13	23,219	13	37,024	13	2.3	2.4 *	-.12	2.4 **	-.13	2.4 *	-.10
		2	Sometimes	195	48	18,999	44	86,379	45	135,391	45							
		3	Often	89	22	12,203	27	54,561	27	84,500	27							
		4	Very often	58	14	6,922	15	29,948	15	45,441	15							
		Total		403	100	43,435	100	194,107	100	302,356	100							
f. Explained course material to one or more students	CLexplain	1	Never	19	5	1,988	5	8,362	4	13,407	5	2.7	2.8	-.03	2.8	-.05	2.8	-.03
		2	Sometimes	151	38	15,124	35	67,433	35	105,776	36							
		3	Often	142	36	16,225	37	72,672	37	112,803	37							
		4	Very often	85	21	9,682	22	43,409	23	67,065	22							
		Total		397	100	43,019	100	191,876	100	299,051	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	93	24	7,218	18	31,477	17	49,730	18	2.3	2.5 ***	-.23	2.5 ***	-.24	2.5 ***	-.22	
		2	Sometimes	156	40	15,166	35	68,337	36	105,518	35								
		3	Often	85	21	11,546	27	52,250	27	82,003	27								
		4	Very often	63	15	9,018	21	39,713	20	61,746	20								
		Total		397	100	42,948	100	191,777	100	298,997	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	44	11	2,650	7	10,999	6	16,717	6	2.6	2.9 ***	-.28	2.9 ***	-.31	2.9 ***	-.32	
		2	Sometimes	145	37	12,537	30	54,953	29	85,851	29								
		3	Often	123	31	14,679	34	66,492	35	104,285	34								
		4	Very often	85	20	12,928	30	58,644	30	91,088	31								
		Total		397	100	42,794	100	191,088	100	297,941	100								
i. Given a course presentation	present	1	Never	65	17	5,055	13	20,543	11	29,169	11	2.5	2.6 **	-.13	2.7 ***	-.19	2.7 ***	-.23	
		2	Sometimes	139	35	14,505	34	61,448	33	90,602	31								
		3	Often	117	29	13,132	31	60,159	31	96,680	32								
		4	Very often	79	19	9,719	23	47,626	24	79,531	26								
		Total		400	100	42,411	100	189,776	100	295,982	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	18	5	1,290	3	5,504	3	8,246	3	3.0	3.0	-.03	3.0	-.05	3.0	-.05	
		2	Sometimes	89	24	10,310	25	45,243	25	70,494	25								
		3	Often	148	39	16,399	39	73,248	39	114,650	39								
		4	Very often	124	32	13,614	32	62,913	33	98,270	33								
		Total		379	100	41,613	100	186,908	100	291,660	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	21	6	2,896	8	11,758	7	16,020	6	3.0	2.8 ***	.20	2.8 **	.16	2.9 *	.12	
		2	Sometimes	89	24	12,950	32	55,579	31	83,240	29								
		3	Often	131	36	14,290	34	65,395	35	104,235	36								
		4	Very often	130	34	11,015	27	52,155	28	85,128	29								
		Total		371	100	41,151	100	184,887	100	288,623	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	28	8	5,503	14	22,048	13	28,488	11	2.8	2.6 ***	.23	2.6 ***	.18	2.7 *	.12	
		2	Sometimes	114	30	14,451	35	63,238	35	95,825	34								
		3	Often	128	34	12,156	29	56,088	30	92,131	31								
		4	Very often	105	27	9,042	21	43,575	23	72,277	24								
		Total		375	100	41,152	100	184,949	100	288,721	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	16	5	2,288	6	9,265	5	12,475	5	2.9	2.8	.05	2.8	.03	2.9	-.01	
		2	Sometimes	102	28	12,539	30	55,234	30	82,394	29								
		3	Often	160	43	16,171	39	73,451	40	117,218	40								
		4	Very often	94	24	10,000	24	46,533	25	75,943	26								
		Total		372	100	40,998	100	184,483	100	288,030	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	11	4	1,638	4	6,668	4	9,095	4	3.0	2.9	.10	2.9	.08	3.0	.05	
		2	Sometimes	84	23	10,984	27	48,324	27	72,595	26								
		3	Often	156	42	16,612	40	75,257	41	119,306	41								
		4	Very often	117	31	11,680	28	53,856	29	86,474	30								
		Total		368	100	40,914	100	184,105	100	287,470	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	8	2	1,044	3	4,268	3	5,884	2	3.0	2.9	.10	2.9	.08	3.0	.05	
		2	Sometimes	91	25	11,525	29	51,195	28	76,433	27								
		3	Often	153	42	16,767	41	75,504	41	119,208	41								
		4	Very often	118	31	11,444	28	52,599	28	85,163	29								
		Total		370	100	40,780	100	183,566	100	286,688	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	1	522	1	2,118	1	2,891	1	3.2	3.2	.04	3.2	.01	3.3	-.02	
		2	Sometimes	52	15	6,589	17	28,273	16	41,488	15								
		3	Often	154	42	16,781	41	75,477	41	117,815	41								
		4	Very often	156	42	16,754	41	76,923	41	123,259	43								
		Total		366	100	40,646	100	182,791	100	285,453	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	76	21	7,910	20	32,268	19	46,543	18	2.3	2.4	-.09	2.4 **	-.14	2.4 ***	-.17	
		2	Sometimes	160	43	16,446	40	72,376	40	110,581	39								
		3	Often	86	23	9,606	23	44,829	24	72,788	24								
		4	Very often	48	12	6,765	16	33,883	18	56,519	18								
		Total		370	100	40,727	100	183,356	100	286,431	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	212	58	18,085	45	80,302	45	120,115	45	1.6	1.9 ***	-.27	1.9 ***	-.28	1.9 ***	-.29	
		2	Sometimes	86	24	11,673	28	52,138	28	83,389	28								
		3	Often	53	13	6,131	15	28,032	15	45,814	15								
		4	Very often	19	5	4,682	11	22,186	12	36,057	12								
		Total		370	100	40,571	100	182,658	100	285,375	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	114	31	10,884	28	46,730	26	69,289	26	2.0	2.2 **	-0.14	2.2 ***	-0.17	2.2 ***	-0.18	
		2	Sometimes	150	42	16,543	40	73,492	40	113,341	39								
		3	Often	77	20	8,330	21	38,781	21	63,236	21								
		4	Very often	28	7	4,788	12	23,538	13	39,262	13								
		Total		369	100	40,545	100	182,541	100	285,128	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	85	24	10,055	25	41,112	24	60,994	23	2.2	2.2	.02	2.2	-0.03	2.2	-0.05	
		2	Sometimes	154	42	18,002	44	79,357	44	124,226	44								
		3	Often	87	24	7,953	20	38,879	21	62,458	21								
		4	Very often	37	10	4,409	11	22,694	12	36,710	12								
		Total		363	100	40,419	100	182,042	100	284,388	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	29	8	3,156	8	13,969	8	25,196	9	2.8	2.8	-0.02	2.8	-0.02	2.8	.02	
		2	Some	112	31	11,924	30	53,265	29	86,386	30								
		3	Quite a bit	131	35	15,113	37	68,918	38	105,268	37								
		4	Very much	98	26	10,368	25	46,394	25	68,326	24								
		Total		370	100	40,561	100	182,546	100	285,176	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	4	1,218	3	5,200	3	7,695	3	3.1	3.1	-0.04	3.1	-0.04	3.1	-0.06	
		2	Some	70	19	7,174	18	31,958	18	48,605	17								
		3	Quite a bit	140	39	16,798	41	75,583	41	119,031	42								
		4	Very much	142	37	15,179	38	69,054	38	108,589	38								
		Total		365	100	40,369	100	181,795	100	283,920	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	15	5	1,537	4	6,526	4	9,265	4	3.2	3.1	.08	3.1	.07	3.1	.04	
		2	Some	61	17	8,083	20	35,021	19	52,296	19								
		3	Quite a bit	133	37	15,861	39	71,931	40	113,120	40								
		4	Very much	158	42	14,789	37	67,815	37	108,546	38								
		Total		367	100	40,270	100	181,293	100	283,227	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	15	5	2,627	7	10,089	6	13,669	5	3.1	2.9 ***	.19	2.9 **	.15	3.0 *	.11	
		2	Some	76	21	10,073	25	42,754	24	62,986	23								
		3	Quite a bit	131	36	15,608	39	71,429	39	113,424	40								
		4	Very much	146	39	11,928	30	57,001	31	93,110	32								
		Total		368	100	40,236	100	181,273	100	283,189	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	15	5	2,198	6	8,881	5	12,263	5	3.1	3.0 *	.12	3.0	.10	3.0	.06	
		2	Some	78	21	9,622	24	41,821	23	62,190	22								
		3	Quite a bit	139	38	16,166	40	73,013	40	115,408	41								
		4	Very much	136	36	12,181	30	57,198	31	92,715	32								
		Total		368	100	40,167	100	180,913	100	282,576	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	4	976	3	3,880	2	5,695	2	3.2	3.2	.00	3.2	-.04	3.2	-.05	
		2	Some	59	17	6,879	17	29,047	16	43,797	16								
		3	Quite a bit	147	40	17,512	43	77,224	42	121,493	42								
		4	Very much	147	40	15,155	38	72,411	39	114,247	40								
		Total		365	100	40,522	100	182,562	100	285,232	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	3	1,108	3	4,792	3	7,008	3	3.1	3.1	.01	3.1	-.01	3.1	-.03	
		2	Some	68	19	7,307	18	32,038	18	47,416	17								
		3	Quite a bit	152	41	18,021	44	79,894	44	125,259	44								
		4	Very much	133	37	13,971	35	65,303	36	104,749	37								
		Total		364	100	40,407	100	182,027	100	284,432	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	3	1,304	4	5,692	3	8,471	3	3.1	3.1	.00	3.1	-.02	3.2	-.03	
		2	Some	70	19	7,304	18	32,272	18	48,609	18								
		3	Quite a bit	139	38	16,252	40	71,519	39	111,473	39								
		4	Very much	141	39	15,459	38	72,129	39	115,231	40								
		Total		361	100	40,319	100	181,612	100	283,784	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	37	11	4,851	12	19,438	11	27,999	11	2.8	2.7 *	.13	2.8	.07	2.8	.04	
		2	Some	92	25	12,092	30	50,883	29	76,321	27								
		3	Quite a bit	120	32	12,874	32	59,376	32	94,057	33								
		4	Very much	116	31	10,440	26	51,822	28	85,240	29								
		Total		365	100	40,257	100	181,519	100	283,617	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	25	8	3,201	8	13,534	8	18,771	7	2.9	2.8	.07	2.9	.03	2.9	-.01	
		2	Some	94	26	11,227	28	48,321	27	72,019	26								
		3	Quite a bit	138	37	15,094	37	67,552	37	107,411	37								
		4	Very much	107	29	10,638	27	51,448	28	84,327	29								
		Total		364	100	40,160	100	180,855	100	282,528	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class	Public 4-Year Inst.	NSSE All U.S.		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	54	14	5,247	12	23,727	13	38,150	13	2.6	2.7	-.10	2.7	-.09	2.7	-.08
		2	Sometimes	120	32	12,640	31	58,240	31	91,686	32							
		3	Often	118	34	13,191	33	59,463	33	92,162	33							
		4	Very often	73	20	9,395	24	40,853	23	62,833	23							
		Total		365	100	40,473	100	182,283	100	284,831	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	83	22	7,929	19	34,931	19	54,004	19	2.4	2.4	-.04	2.4	-.04	2.4	-.04
		2	Sometimes	112	31	14,403	35	65,559	36	103,134	36							
		3	Often	113	31	10,794	27	49,259	27	77,309	28							
		4	Very often	59	16	7,277	18	32,153	18	49,761	18							
		Total		367	100	40,403	100	181,902	100	284,208	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	70	19	7,112	18	32,090	17	49,971	17	2.5	2.4	.00	2.4	.01	2.4	.01
		2	Sometimes	123	34	14,901	37	67,738	37	105,875	37							
		3	Often	110	30	11,422	29	51,405	29	80,602	29							
		4	Very often	62	17	6,834	17	30,088	17	46,929	17							
		Total		365	100	40,269	100	181,321	100	283,377	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	15	5	2,496	7	10,450	7	13,553	6	7.4	7.1	.05	7.1	.04	7.7	-.05
		1.5	1-2	62	20	7,505	21	34,252	21	47,942	19							
		4	3-5	93	29	10,223	28	47,115	29	71,740	28							
		8	6-10	89	25	7,629	21	35,095	21	57,378	22							
		13	11-15	28	8	3,773	10	16,668	10	28,902	11							
		18	16-20	20	6	2,084	5	9,081	5	16,327	6							
		23	More than 20	28	8	2,918	8	13,106	8	24,716	9							
Total		335	100	36,628	100	165,767	100	260,558	100									
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	67	21	8,572	24	37,149	23	50,629	21	3.6	3.2	.08	3.2	.08	3.6	-.01
		1.5	1-2	110	33	13,002	36	59,595	36	91,006	35							
		4	3-5	97	29	8,819	24	40,494	24	68,542	26							
		8	6-10	38	11	3,719	10	17,291	11	30,834	12							
		13	11-15	13	4	1,134	3	5,181	3	9,389	4							
		18	16-20	4	1	465	1	2,009	1	3,885	2							
		23	More than 20	5	1	387	1	1,759	1	3,322	1							
Total		334	100	36,098	100	163,478	100	257,607	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a										Statistical Comparisons ^b					
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	133	43	16,189	46	71,912	45	104,423	43	1.7	1.9	-.06	1.9	-.06	2.0	-.09	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	135	41	12,743	36	58,983	36	97,611	37								
		4	3-5	37	11	3,891	11	17,948	11	31,554	12								
		8	6-10	7	2	1,325	4	5,810	4	9,771	4								
		13	11-15	6	2	559	2	2,484	2	3,956	2								
		18	16-20	2	1	251	1	1,201	1	1,960	1								
		23	More than 20	2	1	361	1	1,750	1	2,817	1								
		Total			322	100	35,319	100	160,088	100	252,092	100							
Estimated number of assigned pages of student writing.	wpages											73.6	72.8	.01	72.9	.01	79.1	-.06	
				<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>															
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	16	5	1,918	5	8,203	5	12,188	5	3.2	3.1 *	.13	3.1	.10	3.1	.09	
			2	Sometimes	60	19	8,889	23	38,405	22	61,110								22
			3	Often	90	26	10,523	28	47,750	28	75,183								28
			4	Very often	180	51	16,549	44	77,371	45	121,165								46
				Total	346	100	37,879	100	171,729	100	269,646								100
b. People from an economic background other than your own	DDeconomic	1	Never	20	6	1,642	5	7,124	4	10,426	4	3.1	3.1	-.04	3.1	-.05	3.1	-.07	
			2	Sometimes	75	23	8,123	21	36,095	21	56,692								21
			3	Often	96	27	12,471	33	56,067	33	87,927								32
			4	Very often	152	43	15,548	41	71,962	42	113,859								43
				Total	343	100	37,784	100	171,248	100	268,904								100
c. People with religious beliefs other than your own	DDreligion	1	Never	19	6	2,865	7	9,419	6	15,739	6	3.1	3.0	.03	3.1	-.01	3.1	.00	
			2	Sometimes	84	26	9,441	24	39,297	23	65,129								24
			3	Often	89	25	10,659	29	50,922	30	78,397								29
			4	Very often	150	43	14,735	40	71,226	42	109,097								41
				Total	342	100	37,700	100	170,864	100	268,362								100
d. People with political views other than your own	DDpolitical	1	Never	24	7	2,240	6	9,536	6	14,418	6	3.0	3.0	-.09	3.0	-.10	3.0	-.10	
			2	Sometimes	91	27	9,204	24	39,503	23	64,573								24
			3	Often	99	28	11,633	31	52,884	31	83,031								31
			4	Very often	127	37	14,466	39	68,164	40	105,125								40
				Total	341	100	37,543	100	170,087	100	267,147								100

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	6	2	917	3	3,623	2	5,072	2	3.4	3.2 ***	.18	3.2 **	.16	3.3 *	.13	
		2	Sometimes	37	11	6,295	17	26,870	16	39,818	15								
		3	Often	126	37	14,356	38	65,212	38	101,916	38								
		4	Very often	173	50	16,126	43	75,110	43	121,532	45								
			Total	342	100	37,694	100	170,815	100	268,338	100								
b. Reviewed your notes after class	LSnotes	1	Never	21	7	2,801	7	11,695	7	19,548	7	3.0	2.9 *	.12	2.9	.10	2.9	.10	
		2	Sometimes	80	23	11,483	30	49,821	29	79,338	29								
		3	Often	120	36	11,484	30	52,321	31	81,570	31								
		4	Very often	119	35	11,851	32	56,477	33	87,072	33								
			Total	340	100	37,619	100	170,314	100	267,528	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	15	5	2,851	8	11,494	7	17,632	7	3.0	2.9 *	.13	2.9	.10	2.9	.09	
		2	Sometimes	81	24	10,758	28	46,756	28	73,093	27								
		3	Often	128	39	12,570	34	57,371	34	90,834	34								
		4	Very often	110	32	11,009	30	52,817	31	83,056	32								
			Total	334	100	37,188	100	168,438	100	264,615	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	3	1	253	1	1,032	1	1,510	1	5.6	5.6	-.04	5.6	-.06	5.7	-.08	
		2		7	2	500	1	2,156	1	3,138	1								
		3		9	2	1,129	3	4,938	3	7,302	3								
		4		34	10	3,323	9	14,606	9	21,904	8								
		5		86	25	10,270	27	46,462	27	72,583	27								
		6		120	34	12,014	31	53,984	31	86,372	32								
		7	Very much	87	25	10,078	27	46,985	28	74,585	28								
			Total	346	100	37,567	100	170,163	100	267,394	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		34	11	2,634	7	12,275	7	18,586	8	44%	50% *	-.13	50% *	-.12	51% **	-.15	
		Do not plan to do		65	21	6,330	18	29,271	18	46,573	18								
		Plan to do		84	25	9,289	25	42,062	25	58,043	23								
		Done or in progress		154	44	19,323	50	86,642	50	144,310	51								
		Total		337	100	37,576	100	170,250	100	267,512	100								

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NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year						Your seniors compared with								
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	40	12	3,661	10	16,958	10	25,206	10	19%	35% ***	-0.38	35% ***	-0.37	36% ***	-0.40
			Do not plan to do	205	61	17,126	46	78,404	47	117,821	46							
			Plan to do	28	8	3,052	9	13,340	8	19,492	8							
			Done or in progress	67	19	13,627	35	61,126	35	104,252	36							
			Total	340	100	37,466	100	169,828	100	266,771	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	43	13	4,143	12	20,059	12	30,760	12	21%	25%	-0.09	24%	-0.08	25%	-0.09
			Do not plan to do	180	55	20,433	54	91,243	54	142,858	54							
			Plan to do	38	12	3,228	9	15,514	9	22,779	9							
			Done or in progress	75	21	9,604	25	42,687	24	69,861	25							
			Total	336	100	37,408	100	169,503	100	266,258	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	57	17	4,110	12	20,242	12	28,670	12	7%	14% ***	-0.25	12% **	-0.18	15% ***	-0.25
			Do not plan to do	220	66	24,609	65	114,057	67	174,384	66							
			Plan to do	35	11	2,929	9	13,448	8	18,867	8							
			Done or in progress	26	7	5,728	14	21,595	12	44,140	15							
			Total	338	100	37,376	100	169,342	100	266,061	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	66	21	5,377	15	25,062	15	36,411	15	18%	25% **	-0.17	24% **	-0.15	25% **	-0.17
			Do not plan to do	154	45	17,180	46	79,900	47	127,173	48							
			Plan to do	56	16	5,196	15	22,597	14	31,737	13							
			Done or in progress	63	18	9,464	25	41,105	24	69,624	25							
			Total	339	100	37,217	100	168,664	100	264,945	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	36	11	3,476	10	16,023	10	22,262	9	41%	42%	-0.02	43%	-0.04	46%	-0.10
			Do not plan to do	63	19	8,462	23	37,334	22	54,178	21							
			Plan to do	96	29	9,453	26	40,074	24	58,140	23							
			Done or in progress	145	41	15,914	42	75,692	43	131,161	46							
			Total	340	100	37,305	100	169,123	100	265,741	100							

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

Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
	servcourse		1 None	158	47	15,367	43	66,159	41	97,321	39	1.6	1.7	-0.07	1.7 *	-0.11	1.7 **	-0.14
			2 Some	148	43	18,196	48	84,117	49	137,780	50							
			3 Most	33	9	3,192	8	16,012	9	26,086	9							
			4 All	2	1	475	1	2,522	1	4,196	2							
			Total	341	100	37,230	100	168,810	100	265,383	100							

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University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	5	2	460	1	1,976	1	2,923	1	5.3	5.7 *** ▽	-0.25	5.7 *** ▽	-0.26	5.7 *** ▽		
		2		14	4	656	2	2,723	2	4,154	2								
		3		22	6	1,478	4	6,351	4	9,711	4								
		4		39	12	3,251	9	14,813	9	22,259	9								
		5		84	24	8,288	22	37,285	22	57,627	22								
		6		100	29	11,354	30	51,366	30	81,081	30								
		7	Excellent	79	24	11,730	32	54,177	32	87,510	33								
		—	Not applicable	1	0	334	1	1,496	1	2,149	1								
			Total	344	100	37,551	100	170,187	100	267,414	100								
b. Academic advisors	QIadvisor	1	Poor	31	9	2,244	6	9,415	6	13,143	5	4.9	5.0	-0.06	5.1	-0.10	5.2 * ▽		
		2		22	6	2,357	6	9,668	6	13,850	5								
		3		30	9	3,147	8	13,316	8	19,340	7								
		4		47	13	4,894	13	20,825	12	30,884	12								
		5		52	15	6,847	18	29,919	18	46,296	17								
		6		71	20	7,656	20	34,973	20	56,328	21								
		7	Excellent	91	28	9,748	27	49,075	28	83,273	30								
		—	Not applicable	1	0	581	2	2,647	2	3,751	2								
			Total	345	100	37,474	100	169,838	100	266,865	100								
c. Faculty	QIfaculty	1	Poor	11	3	675	2	2,821	2	3,864	2	5.3	5.4	-0.11	5.5 * ▽	-0.14	5.5 ** ▽		
		2		9	3	950	3	4,030	3	5,546	2								
		3		24	7	1,862	5	8,142	5	11,361	5								
		4		50	14	4,149	11	18,349	11	26,280	10								
		5		73	22	8,477	22	37,773	22	57,025	22								
		6		85	25	11,486	30	51,163	30	82,336	30								
		7	Excellent	89	26	9,395	25	45,351	27	76,976	28								
		—	Not applicable	0	0	263	1	1,166	1	1,805	1								
			Total	341	100	37,257	100	168,795	100	265,193	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year						Your seniors compared with									
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	45	13	2,019	6	8,764	5	13,427	5	4.3	4.8 ***	-0.30	4.8 ***	-0.33	4.9 ***	-0.34	
		2		25	7	1,925	5	8,287	5	13,068	5								
		3		25	7	2,859	7	12,211	7	19,243	7								
		4		59	16	5,055	13	21,628	13	33,810	12								
		5		47	14	6,839	18	30,483	18	48,420	18								
		6		47	14	6,618	17	30,748	18	49,327	18								
		7	Excellent	46	13	5,590	15	27,213	16	45,099	17								
		—	Not applicable	51	16	6,456	18	29,890	18	43,490	18								
	Total			345	100	37,361	100	169,224	100	265,884	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	44	13	2,263	6	10,317	6	15,128	6	4.2	4.7 ***	-0.29	4.8 ***	-0.30	4.8 ***	-0.34	
		2		25	7	2,283	6	10,391	6	15,690	6								
		3		52	14	3,353	9	15,027	9	23,031	9								
		4		54	16	5,835	16	25,848	15	39,688	15								
		5		62	18	7,975	21	35,348	21	55,508	20								
		6		55	17	7,577	20	34,463	20	55,386	20								
		7	Excellent	39	12	5,915	16	28,932	17	49,327	19								
		—	Not applicable	14	4	2,215	6	9,183	6	12,566	5								
	Total			345	100	37,416	100	169,509	100	266,324	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	13	4	709	2	3,318	2	5,027	2	3.1	3.2 *	-0.12	3.2	-0.09	3.2	-0.11	
		2	Some	61	19	5,456	16	26,054	16	38,926	16								
		3	Quite a bit	129	39	15,145	43	70,234	44	109,913	43								
		4	Very much	120	38	14,153	39	61,424	38	100,292	39								
			Total	323	100	35,463	100	161,030	100	254,158	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	22	8	1,934	6	8,378	6	11,971	5	2.8	2.9	-0.09	2.9	-0.11	3.0 **	-0.15	
		2	Some	85	26	8,456	24	37,704	24	55,594	23								
		3	Quite a bit	136	42	14,749	41	66,243	41	104,251	41								
		4	Very much	81	25	10,068	28	47,553	29	80,523	31								
			Total	324	100	35,207	100	159,878	100	252,339	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	33	11	2,988	9	14,085	9	20,377	9	2.8	2.9	-0.03	2.8	-0.03	2.9	-0.07	
		2	Some	85	26	8,983	26	39,988	25	59,990	24								
		3	Quite a bit	108	34	13,212	37	58,563	37	93,602	37								
		4	Very much	96	29	10,015	28	47,303	29	78,508	30								
			Total	322	100	35,198	100	159,939	100	252,477	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	43	13	6,060	17	25,429	16	39,019	16	2.7	2.6 ***	.19	2.6 **	.16	2.6 *	.14	
		2	Some	85	26	11,370	32	50,553	31	78,569	31								
		3	Quite a bit	107	33	10,457	30	48,809	31	77,270	31								
		4	Very much	89	27	7,353	21	35,406	22	58,040	23								
		Total		324	100	35,240	100	160,197	100	252,898	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	50	16	2,782	8	12,461	8	19,946	9	2.6	2.9 ***	-.28	2.9 ***	-.28	2.9 ***	-.28	
		2	Some	98	30	8,892	26	40,474	26	61,729	25								
		3	Quite a bit	105	33	13,309	37	60,618	38	95,056	37								
		4	Very much	70	22	10,244	29	46,488	29	75,888	29								
		Total		323	100	35,227	100	160,041	100	252,619	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	56	18	3,669	11	16,222	11	26,884	12	2.5	2.8 ***	-.26	2.8 ***	-.28	2.8 ***	-.25	
		2	Some	98	30	9,187	26	40,865	26	64,197	26								
		3	Quite a bit	104	33	12,840	36	58,036	36	91,225	36								
		4	Very much	63	19	9,436	27	44,370	27	69,493	27								
		Total		321	100	35,132	100	159,493	100	251,799	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	112	35	11,993	35	53,885	34	81,554	33	2.1	2.1	.02	2.1	.01	2.1	-.01	
		2	Some	107	33	11,994	34	54,373	34	86,546	34								
		3	Quite a bit	60	19	7,138	20	32,486	20	52,760	21								
		4	Very much	42	13	3,970	11	18,625	11	30,774	12								
		Total		321	100	35,095	100	159,369	100	251,634	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	67	22	4,248	13	19,774	13	33,323	15	2.4	2.7 ***	-.32	2.7 ***	-.31	2.7 ***	-.28	
		2	Some	109	33	10,003	28	45,826	29	69,139	28								
		3	Quite a bit	94	29	12,287	35	55,328	35	87,345	34								
		4	Very much	50	16	8,469	24	38,120	24	61,200	24								
		Total		320	100	35,007	100	159,048	100	251,007	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	66	22	6,464	19	28,551	18	45,207	19	2.5	2.4	.04	2.4	.03	2.4	.02	
		2	Some	91	28	12,817	36	57,123	36	86,170	35								
		3	Quite a bit	104	32	10,128	29	46,869	29	75,305	29								
		4	Very much	57	18	5,517	16	26,019	16	43,622	17								
		Total		318	100	34,926	100	158,562	100	250,304	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class	Public 4-Year Inst.	NSSE All U.S.		
		Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	1	134	0	640	0	940	0	13.5	14.9 ** ▽	-0.16	14.5 * ▽	-0.12	14.8 ** ▽	-0.14
		3	1-5 hrs	55	17	4,896	14	23,989	15	35,457	15							
		8	6-10 hrs	82	26	8,165	23	38,827	24	59,570	24							
		13	11-15 hrs	68	21	6,786	19	31,206	19	49,393	19							
		18	16-20 hrs	50	16	6,009	17	26,489	17	42,996	17							
		23	21-25 hrs	33	10	3,625	10	15,863	10	26,382	10							
		28	26-30 hrs	11	3	2,385	7	9,948	6	16,638	6							
		33	More than 30 hrs	19	6	3,090	9	12,753	8	20,764	8							
			Total	319	100	35,090	100	159,715	100	252,140	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	217	69	14,773	44	69,939	45	104,183	44	2.6	4.5 *** ▽	-0.28	4.4 *** ▽	-0.27	4.7 *** ▽	-0.29
		3	1-5 hrs	56	18	10,609	29	45,958	28	73,191	28							
		8	6-10 hrs	11	3	4,501	13	19,810	12	32,770	12							
		13	11-15 hrs	11	3	2,243	6	10,254	6	17,464	7							
		18	16-20 hrs	8	3	1,332	4	6,263	4	11,153	4							
		23	21-25 hrs	7	2	696	2	3,106	2	5,679	2							
		28	26-30 hrs	3	1	308	1	1,449	1	2,664	1							
		33	More than 30 hrs	2	1	425	1	2,065	1	3,632	1							
			Total	315	100	34,887	100	158,844	100	250,736	100							
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	265	84	24,110	72	115,737	74	171,863	71	2.2	4.0 *** ▽	-0.24	3.7 *** ▽	-0.20	3.7 *** ▽	-0.21
		3	1-5 hrs	12	3	1,406	4	6,212	4	13,953	5							
		8	6-10 hrs	10	3	2,581	7	11,074	7	23,728	8							
		13	11-15 hrs	9	3	2,344	6	9,405	6	16,685	6							
		18	16-20 hrs	10	3	2,949	7	9,767	6	15,138	6							
		23	21-25 hrs	8	2	719	2	3,093	2	4,548	2							
		28	26-30 hrs	1	0	353	1	1,346	1	1,882	1							
		33	More than 30 hrs	3	1	500	2	2,481	2	3,456	1							
			Total	318	100	34,962	100	159,115	100	251,253	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your seniors compared with								
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	82	25	16,293	46	69,337	43	114,131	44	17.9	▲	11.5 ***	.49	12.1 ***	.45	12.0 ***	.45	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	4	1,699	5	7,740	5	13,178	5									
		8	6-10 hrs	17	5	2,207	6	10,001	6	16,266	6									
		13	11-15 hrs	19	6	2,161	6	10,436	6	16,078	6									
		18	16-20 hrs	40	12	3,117	9	14,508	9	20,931	8									
		23	21-25 hrs	40	12	2,367	7	11,674	7	16,031	7									
		28	26-30 hrs	24	8	1,744	5	8,913	6	12,077	5									
		33	More than 30 hrs	87	29	5,158	17	25,696	17	41,215	18									
		Total			321	100	34,746	100	158,305	100	249,907	100								
Estimated number of hours working for pay	tmworkhrs											20.0	▲	15.4 ***	.35	15.6 ***	.33	15.6 ***	.33	
	(Continuous variable created by NSSE)																			
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	180	57	16,705	50	77,821	50	120,334	50	3.2		3.0	.04	3.1	.02	3.1	.02	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	80	26	12,849	35	54,579	34	89,969	35									
		8	6-10 hrs	22	7	2,675	8	12,885	8	20,044	8									
		13	11-15 hrs	12	4	1,053	3	5,495	3	8,285	3									
		18	16-20 hrs	8	3	669	2	3,428	2	5,121	2									
		23	21-25 hrs	4	1	299	1	1,546	1	2,280	1									
		28	26-30 hrs	2	1	162	0	734	0	1,113	0									
		33	More than 30 hrs	5	2	240	1	1,295	1	1,917	1									
		Total			313	100	34,652	100	157,783	100	249,063	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	15	5	979	3	4,552	3	6,940	3	8.9	▽	10.8 ***	-.24	10.8 ***	-.24	10.7 ***	-.23	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	112	36	9,565	27	44,630	28	69,991	28									
		8	6-10 hrs	90	30	9,993	28	44,158	28	70,494	28									
		13	11-15 hrs	46	15	6,288	18	28,068	18	44,754	18									
		18	16-20 hrs	20	6	3,930	11	17,736	11	28,117	11									
		23	21-25 hrs	15	5	1,804	5	8,469	5	13,253	5									
		28	26-30 hrs	6	2	802	2	3,994	3	6,222	2									
		33	More than 30 hrs	9	3	1,471	5	6,926	5	10,383	4									
		Total			313	100	34,832	100	158,533	100	250,154	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Public 4-Year								Your seniors compared with							
				UMass Boston		Carnegie Class		Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	168	53	22,722	64	100,478	63	161,018	62	7.8	5.8 **	.19	6.1 *	.16	6.4 *	.13	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	48	15	3,852	11	17,762	11	27,031	11								
	8	6-10 hrs	24	7	1,845	5	8,557	6	12,929	6									
	13	11-15 hrs	8	3	1,168	4	5,368	4	8,028	3									
	18	16-20 hrs	8	2	973	3	4,469	3	6,923	3									
	23	21-25 hrs	9	3	521	2	2,550	2	3,887	2									
	28	26-30 hrs	4	1	422	1	1,974	1	3,110	1									
	33	More than 30 hrs	46	15	3,271	10	17,035	11	26,913	12									
	Total			315	100	34,774	100	158,193	100	249,839	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	22	7	4,448	13	21,474	13	52,364	19	7.3	5.1 ***	.41	5.2 ***	.37	4.8 ***	.45	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	124	39	20,744	58	91,341	57	135,135	53								
	8	6-10 hrs	103	32	6,407	19	29,585	19	40,288	17									
	13	11-15 hrs	40	12	1,786	5	8,849	6	12,243	5									
	18	16-20 hrs	16	5	741	2	3,561	2	5,000	2									
	23	21-25 hrs	7	2	331	1	1,571	1	2,210	1									
	28	26-30 hrs	3	1	175	1	818	1	1,129	1									
	33	More than 30 hrs	3	1	323	1	1,839	1	2,648	1									
	Total			318	100	34,955	100	159,038	100	251,017	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	16	5	4,920	15	21,436	14	30,064	12	3.3	2.9 ***	.32	2.9 ***	.31	2.9 ***	.27	
		2	Some	63	21	9,098	26	42,172	27	63,913	26								
		3	About half	93	30	9,073	26	42,530	27	69,135	28								
		4	Most	101	32	8,059	23	36,217	23	60,563	24								
		5	Almost all	39	12	3,718	10	16,198	10	26,826	10								
			Total	312	100	34,868	100	158,553	100	250,501	100								
	tmreadinghrs											8.0	7.2 *	.12	7.1 *	.14	7.4	.09	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
	tmreadinghrscol	1	0 hrs	1	1	124	0	594	0	879	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	130	42	16,021	47	75,117	48	111,541	46							
		3	More than 5, up to 10 hrs	95	32	10,323	29	46,011	29	74,980	30							
		4	More than 10, up to 15 hrs	29	9	3,735	10	16,315	10	27,750	11							
		5	More than 15, up to 20 hrs	28	9	2,106	6	9,461	6	16,412	6							
		6	More than 20, up to 25 hrs	20	6	1,594	4	7,055	4	12,240	5							
		7	More than 25 hrs	6	2	739	2	3,113	2	5,304	2							
			Total	309	100	34,642	100	157,666	100	249,106	100							
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	20	7	2,584	8	10,524	7	14,674	6	3.1	3.0	.10	3.0	.06	3.0	.01
		2	Some	61	19	7,941	23	34,488	22	50,558	21							
		3	Quite a bit	115	36	12,578	36	57,685	36	90,570	36							
		4	Very much	123	38	11,924	34	56,637	35	95,777	37							
			Total	319	100	35,027	100	159,334	100	251,579	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	32	10	3,145	9	12,862	9	18,594	8	2.8	2.9	-.06	2.9	-.10	2.9 *	-.14
		2	Some	80	25	8,645	24	37,030	24	55,226	23							
		3	Quite a bit	118	37	12,436	35	56,986	36	90,403	36							
		4	Very much	88	28	10,676	31	51,886	32	86,478	34							
			Total	318	100	34,902	100	158,764	100	250,701	100							
c. Thinking critically and analytically	pgthink	1	Very little	11	4	1,012	3	4,346	3	6,125	3	3.2	3.3	-.10	3.3	-.09	3.3 *	-.13
		2	Some	44	14	4,644	14	21,307	14	30,824	13							
		3	Quite a bit	126	39	12,451	35	57,504	36	88,566	35							
		4	Very much	137	43	16,792	48	75,533	47	125,042	49							
			Total	318	100	34,899	100	158,690	100	250,557	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	41	13	3,627	10	17,004	10	28,906	11	2.7	2.9 **	-.17	2.9 *	-.14	2.8 *	-.12
		2	Some	86	27	8,760	25	41,665	26	66,981	26							
		3	Quite a bit	115	37	11,112	32	50,254	32	77,631	31							
		4	Very much	74	24	11,359	33	49,739	32	76,972	32							
			Total	316	100	34,858	100	158,662	100	250,490	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	43	14	3,423	10	14,427	10	21,320	9	2.7	2.9 ***	-0.22	2.9 ***	-0.25	2.9 ***	-0.27	
		2	Some	95	30	8,109	23	36,239	23	56,328	23								
		3	Quite a bit	95	30	11,313	32	51,662	32	81,893	32								
		4	Very much	83	26	12,084	34	56,596	35	91,360	36								
		Total		316	100	34,929	100	158,924	100	250,901	100								
f. Working effectively with others	pgothers	1	Very little	33	11	2,047	6	8,636	6	12,380	6	2.8	3.0 ***	-0.23	3.0 ***	-0.25	3.1 ***	-0.28	
		2	Some	86	27	7,710	22	33,516	22	50,941	21								
		3	Quite a bit	104	34	12,632	36	57,496	36	91,328	36								
		4	Very much	91	29	12,457	35	58,912	36	95,615	37								
		Total		314	100	34,846	100	158,560	100	250,264	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	51	16	4,767	15	20,878	14	28,406	13	2.7	2.7	-0.04	2.8	-0.05	2.8	-0.11	
		2	Some	82	25	8,904	26	40,675	26	60,469	25								
		3	Quite a bit	90	29	10,581	30	49,053	31	78,745	31								
		4	Very much	91	29	10,634	30	48,139	30	82,966	32								
		Total		314	100	34,886	100	158,745	100	250,586	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	32	11	4,333	13	17,730	12	26,386	11	2.9	2.8 **	.17	2.8 *	.14	2.8 *	.11	
		2	Some	67	21	9,675	27	42,691	27	66,443	27								
		3	Quite a bit	102	32	10,969	31	50,148	31	79,872	31								
		4	Very much	114	36	9,929	29	48,245	30	78,033	31								
		Total		315	100	34,906	100	158,814	100	250,734	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	45	14	3,680	11	16,381	11	24,249	10	2.7	2.8	-0.09	2.8	-0.10	2.8	-0.12	
		2	Some	87	28	9,490	27	42,958	27	66,890	27								
		3	Quite a bit	96	30	11,801	33	53,255	33	85,396	34								
		4	Very much	87	28	9,930	29	46,094	29	73,999	29								
		Total		315	100	34,901	100	158,688	100	250,534	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	50	17	5,334	16	22,201	15	32,646	14	2.7	2.6	.06	2.7	.03	2.7	.00	
		2	Some	79	25	10,677	30	46,853	30	72,235	29								
		3	Quite a bit	94	30	10,603	30	48,781	31	78,570	31								
		4	Very much	89	28	8,096	24	40,136	25	65,930	26								
		Total		312	100	34,710	100	157,971	100	249,381	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

University of Massachusetts Boston

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.		UMass Boston		Carnegie Class		Public 4-Year Inst.		NSSE All U.S.	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	15	5	909	3	3,807	3	5,509	2	3.0	3.2 ***	-0.24	3.2 ***	-0.24	3.3 ***	-0.29	
		2	Fair	56	17	4,149	12	18,592	12	26,937	11								
		3	Good	152	47	16,035	46	74,385	46	111,296	45								
		4	Excellent	98	31	13,971	39	62,729	39	108,063	41								
		Total		321	100	35,064	100	159,513	100	251,805	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	16	5	1,710	5	7,439	5	11,874	5	3.1	3.2 **	-0.16	3.2 **	-0.15	3.2 **	-0.16	
		2	Probably no	62	19	4,503	13	20,364	13	32,360	13								
		3	Probably yes	128	39	13,636	39	63,109	39	97,118	39								
		4	Definitely yes	114	36	15,258	43	68,786	43	110,743	43								
		Total		320	100	35,107	100	159,698	100	252,095	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^B

University of Massachusetts Boston

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMass Boston	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.
1 a. askquest	320	2.86	2.77	2.80	2.89	.048	.005	.003	.002	.86	.86	.86	.86	26,216	114,447	168,874	.062	.228	.551	.11	.07	-.03
b. drafts	308	2.75	2.48	2.53	2.55	.054	.006	.003	.002	.95	1.00	.99	.99	315	309	308	.000	.000	.000	.27	.23	.21
c. unpreparedr	311	3.03	2.95	2.99	3.02	.043	.005	.002	.002	.75	.79	.79	.78	25,880	113,122	166,740	.085	.385	.855	.10	.05	.01
d. attendart	306	1.69	1.95	1.95	1.99	.051	.006	.003	.002	.89	.93	.93	.95	25,683	112,485	165,771	.000	.000	.000	-.27	-.27	-.31
e. CLaskhelp	305	2.43	2.61	2.60	2.58	.051	.006	.003	.002	.90	.88	.88	.89	25,571	112,047	165,159	.000	.001	.003	-.21	-.19	-.17
f. CLexplain	302	2.75	2.75	2.73	2.72	.048	.005	.002	.002	.84	.82	.82	.83	25,247	110,154	162,542	.999	.714	.540	.00	.02	.04
g. CLstudy	299	2.45	2.57	2.55	2.55	.054	.006	.003	.002	.94	.96	.97	.97	25,199	110,124	162,507	.040	.099	.102	-.12	-.10	-.09
h. CLproject	294	2.61	2.64	2.63	2.64	.051	.005	.003	.002	.87	.86	.86	.87	25,015	109,395	161,528	.523	.627	.493	-.04	-.03	-.04
i. present	293	2.25	2.23	2.26	2.30	.052	.006	.003	.002	.88	.89	.90	.91	24,801	108,369	160,057	.668	.816	.316	.03	-.01	-.06
2 a. RIntegrate	287	2.78	2.67	2.68	2.69	.051	.006	.003	.002	.87	.85	.86	.86	24,083	105,880	156,448	.036	.049	.098	.12	.12	.10
b. RISocietal	286	2.73	2.58	2.60	2.64	.052	.006	.003	.002	.89	.88	.88	.88	23,815	104,643	154,607	.006	.017	.084	.16	.14	.10
c. RIDiverse	285	2.78	2.54	2.56	2.60	.055	.006	.003	.002	.92	.90	.90	.90	23,772	104,593	154,549	.000	.000	.001	.27	.24	.20
d. Rlownview	279	2.88	2.76	2.77	2.80	.049	.005	.003	.002	.81	.83	.83	.83	285	104,139	153,924	.013	.023	.087	.15	.14	.10
e. Rlperspect	280	2.95	2.87	2.88	2.90	.047	.005	.003	.002	.78	.83	.83	.82	287	281	281	.064	.101	.227	.10	.09	.07
f. Rlnewview	277	2.91	2.83	2.84	2.87	.050	.005	.003	.002	.84	.82	.81	.81	23,511	103,547	153,040	.127	.182	.440	.09	.08	.05
g. Rlconnect	278	3.14	3.06	3.06	3.09	.045	.005	.002	.002	.76	.78	.78	.78	23,385	103,037	152,334	.079	.080	.254	.11	.11	.07
3 a. SFcareer	274	2.15	2.18	2.21	2.23	.058	.006	.003	.002	.95	.90	.92	.92	23,422	103,359	152,826	.606	.301	.187	-.03	-.06	-.08
b. SFotherwork	274	1.70	1.72	1.73	1.75	.056	.006	.003	.002	.92	.90	.92	.92	23,328	102,936	152,160	.726	.503	.359	-.02	-.04	-.06
c. SFdiscuss	272	2.05	1.98	2.00	2.03	.055	.006	.003	.002	.91	.89	.91	.91	23,287	102,743	151,898	.214	.338	.671	.08	.06	.03
d. SFperform	272	2.32	2.09	2.12	2.15	.054	.006	.003	.002	.89	.88	.90	.90	277	102,387	151,396	.000	.000	.002	.26	.22	.18
4 a. memorize	275	2.83	3.00	3.01	2.97	.051	.005	.003	.002	.84	.82	.81	.83	280	275	151,860	.001	.001	.005	-.20	-.22	-.17
b. HOapply	271	2.96	2.98	2.97	2.99	.051	.005	.003	.002	.84	.82	.82	.82	23,181	102,223	151,063	.694	.800	.524	-.02	-.02	-.04
c. HOanalyze	262	3.08	2.97	2.96	3.00	.051	.006	.003	.002	.83	.83	.84	.83	23,043	101,750	150,381	.025	.021	.095	.14	.14	.10
d. HOevaluate	267	3.08	2.90	2.91	2.95	.047	.006	.003	.002	.76	.84	.84	.83	274	268	150,424	.000	.000	.008	.22	.20	.16
e. HOform	271	3.06	2.88	2.89	2.92	.049	.006	.003	.002	.80	.86	.85	.85	277	271	150,015	.000	.001	.009	.21	.20	.16
5 a. ETgoals	276	3.17	3.09	3.13	3.15	.049	.005	.002	.002	.81	.77	.78	.78	281	102,430	151,408	.143	.449	.688	.09	.05	.02
b. ETorganize	274	3.00	3.06	3.08	3.10	.054	.005	.002	.002	.89	.78	.79	.79	278	274	274	.303	.158	.066	-.07	-.10	-.13
c. ETexample	273	2.99	3.05	3.07	3.10	.054	.005	.003	.002	.90	.83	.83	.83	278	101,895	150,590	.289	.108	.044	-.07	-.10	-.12
d. ETdraftfb	269	3.18	2.78	2.83	2.88	.052	.006	.003	.002	.85	.93	.93	.93	275	269	150,454	.000	.000	.000	.43	.38	.33
e. ETfeedback	274	2.93	2.70	2.75	2.81	.057	.006	.003	.002	.94	.92	.92	.92	23,012	101,440	149,918	.000	.001	.023	.26	.20	.14

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^B

University of Massachusetts Boston

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMass Boston	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.
6 a. QRconclude	274	2.69	2.61	2.59	2.58	.055	.006	.003	.002	.92	.93	.93	.94	23,221	102,323	151,185	.177	.095	.064	.08	.10	.11
b. QRproblem	274	2.44	2.31	2.31	2.31	.059	.006	.003	.002	.98	.95	.95	.95	23,179	102,072	150,823	.020	.021	.021	.14	.14	.14
c. QRevaluate	271	2.40	2.31	2.30	2.30	.055	.006	.003	.002	.90	.92	.93	.93	23,074	101,594	150,134	.125	.077	.073	.09	.11	.11
7 a. wrshortnum	253	7.95	6.73	6.35	6.85	.394	.040	.018	.016	6.27	5.74	5.47	5.75	21,060	253	137,846	.001	.000	.002	.21	.29	.19
b. wrmednum	248	2.58	2.17	2.00	2.17	.230	.022	.010	.008	3.63	3.06	2.91	3.00	252	248	248	.079	.013	.073	.13	.20	.14
c. wrlongnum	236	1.07	.83	.78	.83	.230	.019	.009	.007	3.53	2.65	2.58	2.61	238	236	235	.297	.221	.299	.09	.11	.09
— wrpages	232	56.17	47.82	44.56	47.96	4.903	.437	.199	.167	74.66	60.85	58.44	59.54	235	232	231	.091	.019	.096	.14	.20	.14
8 a. DDrace	252	3.23	3.07	3.09	3.11	.056	.006	.003	.002	.89	.92	.92	.92	21,358	94,519	140,060	.005	.018	.040	.18	.15	.13
b. DDeconomic	252	3.00	3.07	3.07	3.10	.060	.006	.003	.002	.96	.89	.90	.89	21,305	94,234	139,635	.207	.191	.089	-.08	-.08	-.11
c. DDreligion	247	3.00	3.01	3.03	3.02	.062	.007	.003	.003	.97	.95	.94	.95	21,278	94,068	139,392	.964	.654	.743	.00	-.03	-.02
d. DDpolitical	248	2.87	2.98	2.98	2.98	.064	.007	.003	.003	1.01	.94	.95	.95	252	248	248	.095	.083	.087	-.11	-.12	-.12
9 a. LSreading	252	3.30	3.11	3.13	3.17	.045	.005	.003	.002	.71	.79	.78	.77	21,188	93,844	139,109	.000	.000	.005	.25	.22	.18
b. LSnotes	251	2.84	2.89	2.93	2.94	.056	.006	.003	.002	.89	.90	.90	.90	21,123	93,556	138,651	.354	.113	.081	-.06	-.10	-.11
c. LSsummary	250	2.76	2.80	2.83	2.86	.059	.006	.003	.002	.93	.91	.91	.90	20,911	92,554	137,160	.554	.237	.102	-.04	-.07	-.10
10. challenge	252	5.29	5.52	5.51	5.55	.074	.008	.004	.003	1.18	1.13	1.14	1.14	21,125	93,528	138,632	.002	.002	.000	-.20	-.19	-.23
11 a. intern ^l	250	.037	.091	.085	.090	.0120	.0020	.0009	.0008	--	--	--	--	--	--	--	.003	.007	.004	-.23	-.20	-.22
b. leader ^l	246	.064	.124	.117	.121	.0157	.0023	.0011	.0009	--	--	--	--	--	--	--	.005	.011	.006	-.21	-.18	-.20
c. learncom ^l	249	.209	.199	.165	.157	.0258	.0028	.0012	.0010	--	--	--	--	--	--	--	.691	.063	.024	.03	.11	.13
d. abroad ^l	247	.027	.035	.037	.038	.0104	.0013	.0006	.0005	--	--	--	--	--	--	--	.539	.440	.393	-.04	-.05	-.06
e. research ^l	248	.040	.057	.057	.057	.0125	.0016	.0008	.0006	--	--	--	--	--	--	--	.269	.256	.247	-.08	-.08	-.08
f. capstone ^l	250	.019	.031	.032	.032	.0087	.0012	.0006	.0005	--	--	--	--	--	--	--	.280	.244	.258	-.08	-.08	-.08
12. servcourse	238	1.42	1.57	1.59	1.61	.037	.005	.002	.002	.57	.65	.66	.67	244	238	238	.000	.000	.000	-.23	-.26	-.29
13 a. QIstudent	242	5.24	5.51	5.49	5.54	.093	.010	.005	.004	1.45	1.39	1.40	1.40	20,972	92,709	137,324	.003	.006	.001	-.19	-.18	-.21
b. QIadvisor	243	4.94	5.05	5.05	5.13	.105	.012	.006	.005	1.64	1.73	1.73	1.71	20,470	90,507	134,553	.327	.316	.083	-.06	-.06	-.11
c. QIfaculty	237	5.03	5.13	5.14	5.25	.092	.010	.005	.004	1.42	1.48	1.49	1.47	20,668	91,431	135,559	.265	.244	.017	-.07	-.08	-.16
d. QIstaff	204	4.58	4.85	4.87	4.94	.126	.012	.006	.005	1.80	1.70	1.72	1.71	18,888	83,651	123,572	.025	.017	.003	-.16	-.17	-.21
e. QIadmin	229	4.47	4.73	4.74	4.84	.114	.012	.006	.005	1.72	1.72	1.74	1.73	19,276	85,899	128,069	.023	.019	.001	-.15	-.16	-.22
14 a. empstudy	238	3.08	3.20	3.19	3.21	.046	.005	.003	.002	.71	.76	.76	.75	244	239	238	.008	.014	.005	-.16	-.15	-.17
b. SEacademic	238	2.91	3.08	3.08	3.11	.060	.006	.003	.002	.92	.84	.84	.84	242	238	238	.006	.005	.001	-.20	-.20	-.24
c. SElearnsup	233	2.95	3.11	3.12	3.14	.062	.006	.003	.002	.95	.89	.89	.88	19,383	85,743	127,480	.008	.003	.001	-.17	-.19	-.22

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^B

University of Massachusetts Boston

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	UMass Boston	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.
d. SEdiverse	236	2.74	2.71	2.74	2.76	.063	.007	.003	.003	.96	.99	.98	.98	19,404	85,838	127,621	.639	.988	.749	.03	.00	-.02
e. SESocial	234	2.61	3.01	3.01	3.02	.062	.006	.003	.003	.95	.88	.89	.89	238	234	234	.000	.000	.000	-.45	-.45	-.45
f. SEwellness	233	2.69	2.98	3.00	2.99	.064	.006	.003	.003	.98	.90	.90	.91	237	233	233	.000	.000	.000	-.33	-.35	-.33
g. SEnonacad	234	2.31	2.38	2.40	2.41	.069	.007	.003	.003	1.06	.99	1.00	1.00	19,305	85,375	126,960	.312	.185	.134	-.07	-.09	-.10
h. SEactivities	232	2.50	2.92	2.91	2.89	.069	.007	.003	.003	1.05	.92	.92	.94	235	232	232	.000	.000	.000	-.46	-.45	-.42
i. SEevents	232	2.53	2.57	2.58	2.59	.066	.007	.003	.003	1.01	.97	.97	.98	19,199	84,914	126,261	.540	.426	.320	-.04	-.05	-.07
15 a. tmprephrs	234	13.53	14.49	13.69	14.14	.539	.062	.028	.024	8.25	8.52	8.31	8.41	19,376	85,619	127,301	.085	.763	.270	-.11	-.02	-.07
b. tmcocurrhrs	230	3.61	5.32	5.11	5.37	.427	.048	.023	.019	6.48	6.65	6.56	6.77	235	231	230	.000	.001	.000	-.26	-.23	-.26
c. tmworkonhrs	234	1.94	2.43	2.21	2.37	.354	.042	.019	.016	5.41	5.80	5.56	5.55	239	85,404	127,000	.168	.451	.236	-.09	-.05	-.08
d. tmworkoffhrs	232	9.23	4.37	5.01	5.09	.746	.063	.032	.027	11.36	8.65	9.24	9.55	234	232	231	.000	.000	.000	.56	.46	.43
— tmworkhrs	231	11.10	6.73	7.15	7.37	.864	.077	.038	.031	13.13	10.60	10.95	11.09	234	231	231	.000	.000	.000	.41	.36	.34
e. tmservicehrs	233	2.46	2.35	2.37	2.40	.356	.032	.015	.013	5.43	4.43	4.49	4.52	236	233	233	.761	.796	.866	.02	.02	.01
f. tmrelaxhrs	228	11.07	12.74	12.58	12.37	.541	.062	.030	.024	8.16	8.54	8.67	8.61	19,148	84,827	126,115	.003	.009	.023	-.20	-.17	-.15
g. tmcarehrs	228	4.77	2.37	2.70	3.13	.542	.046	.023	.021	8.18	6.29	6.73	7.59	230	228	228	.000	.000	.003	.38	.31	.22
h. tmcommutehrs	233	7.82	4.08	4.16	3.74	.405	.041	.019	.016	6.19	5.63	5.66	5.55	237	233	233	.000	.000	.000	.66	.65	.74
16. reading	228	2.89	2.71	2.75	2.84	.066	.008	.004	.003	1.00	1.12	1.10	1.11	234	229	228	.007	.039	.470	.16	.13	.04
— tmreadinghrs	224	6.54	6.50	6.28	6.80	.373	.043	.020	.017	5.58	5.84	5.68	5.96	18,990	83,961	124,961	.909	.493	.521	.01	.05	-.04
17 a. pgwrite	236	2.96	2.79	2.84	2.88	.055	.007	.003	.003	.85	.92	.91	.90	242	236	236	.002	.026	.135	.19	.14	.09
b. pgspeak	237	2.67	2.62	2.68	2.71	.060	.007	.003	.003	.92	.95	.95	.94	19,170	84,849	126,202	.387	.917	.606	.06	-.01	-.03
c. pgthink	237	3.04	3.05	3.06	3.09	.054	.006	.003	.002	.83	.83	.83	.83	19,165	84,847	126,203	.928	.785	.393	-.01	-.02	-.06
d. pganalyze	234	2.67	2.64	2.65	2.62	.057	.007	.003	.003	.87	.97	.96	.98	240	235	234	.669	.736	.396	.03	.02	.05
e. pgwork	234	2.40	2.58	2.58	2.62	.063	.007	.003	.003	.97	.98	.98	.98	19,174	84,855	126,211	.004	.006	.001	-.19	-.18	-.22
f. pgothers	232	2.66	2.79	2.82	2.84	.062	.007	.003	.003	.94	.90	.90	.90	19,128	84,685	232	.032	.009	.003	-.14	-.17	-.20
g. pgvalues	230	2.65	2.62	2.64	2.71	.061	.007	.003	.003	.93	.99	.98	.98	236	231	126,011	.663	.883	.406	.03	.01	-.05
h. pgdiverse	236	2.89	2.69	2.73	2.75	.061	.007	.003	.003	.94	.97	.97	.97	19,135	84,815	126,128	.001	.010	.027	.21	.17	.14
i. pgprobsolve	232	2.62	2.58	2.60	2.62	.065	.007	.003	.003	.99	.95	.95	.95	19,125	84,733	126,007	.518	.716	.979	.04	.02	.00
j. pgcitizen	232	2.58	2.56	2.59	2.62	.062	.007	.003	.003	.94	.97	.97	.97	19,052	84,349	125,404	.748	.876	.544	.02	-.01	-.04
18. evalexp	236	2.94	3.18	3.16	3.20	.051	.005	.002	.002	.78	.72	.72	.72	19,280	85,319	126,850	.000	.000	.000	-.34	-.31	-.36
19. sameinst	237	2.96	3.22	3.20	3.21	.057	.006	.003	.002	.87	.80	.80	.81	19,287	85,358	126,919	.000	.000	.000	-.33	-.30	-.31

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Massachusetts Boston

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMass Boston	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.
1 a. askquest	412	3.14	3.06	3.09	3.16	.042	.005	.002	.002	.85	.88	.87	.86	37,480	155,130	215,928	.091	.326	.528	.08	.05	-.03
b. drafts	414	2.39	2.40	2.43	2.45	.048	.005	.003	.002	.98	1.02	1.02	1.03	423	415	415	.737	.402	.165	-.02	-.04	-.07
c. unpreparedr	411	2.99	2.93	2.95	2.97	.038	.004	.002	.002	.77	.82	.81	.81	420	412	213,483	.114	.290	.732	.07	.05	.02
d. attendart	406	1.63	1.84	1.82	1.87	.044	.005	.002	.002	.89	.92	.91	.93	36,801	152,686	212,442	.000	.000	.000	-.23	-.21	-.26
e. CLaskhelp	402	2.33	2.44	2.45	2.43	.045	.005	.002	.002	.90	.90	.89	.90	36,709	152,369	212,035	.014	.009	.037	-.12	-.13	-.10
f. CLexplain	397	2.74	2.77	2.78	2.77	.043	.004	.002	.002	.85	.85	.84	.85	36,330	150,556	209,629	.497	.299	.506	-.03	-.05	-.03
g. CLstudy	396	2.27	2.51	2.51	2.49	.050	.005	.003	.002	.99	1.01	1.00	1.00	405	150,399	397	.000	.000	.000	-.23	-.24	-.22
h. CLproject	396	2.61	2.87	2.89	2.90	.047	.005	.002	.002	.93	.92	.91	.91	36,124	397	397	.000	.000	.000	-.28	-.31	-.32
i. present	400	2.51	2.64	2.69	2.73	.049	.005	.003	.002	.98	.97	.96	.97	35,774	148,630	207,104	.008	.000	.000	-.13	-.19	-.23
2 a. RIntegrate	379	2.98	3.01	3.02	3.02	.045	.005	.002	.002	.87	.84	.84	.84	35,034	146,101	203,604	.543	.325	.296	-.03	-.05	-.05
b. RISocietal	372	2.98	2.80	2.83	2.87	.047	.005	.002	.002	.90	.92	.91	.90	379	373	201,303	.000	.002	.023	.20	.16	.12
c. RIDiverse	376	2.80	2.58	2.63	2.69	.048	.005	.003	.002	.93	.98	.97	.96	384	377	201,400	.000	.000	.018	.23	.18	.12
d. RIownview	372	2.87	2.82	2.84	2.88	.043	.005	.002	.002	.83	.87	.86	.85	380	144,045	200,833	.307	.560	.800	.05	.03	-.01
e. RIPerspect	367	3.01	2.93	2.95	2.97	.043	.005	.002	.002	.83	.85	.84	.83	34,404	143,720	200,412	.064	.138	.384	.10	.08	.05
f. RInewview	369	3.01	2.93	2.95	2.97	.042	.004	.002	.002	.81	.82	.81	.81	34,290	143,274	199,813	.057	.127	.339	.10	.08	.05
g. RIconnect	365	3.24	3.21	3.23	3.25	.039	.004	.002	.002	.75	.77	.76	.75	34,179	142,634	198,927	.502	.806	.767	.04	.01	-.02
3 a. SFcareer	369	2.27	2.36	2.40	2.43	.049	.005	.003	.002	.93	.98	.98	.99	377	370	369	.064	.005	.001	-.09	-.14	-.17
b. SFotherwork	369	1.65	1.92	1.93	1.95	.046	.006	.003	.002	.89	1.03	1.03	1.04	379	370	370	.000	.000	.000	-.27	-.28	-.29
c. SFdiscuss	368	2.03	2.16	2.20	2.21	.047	.005	.003	.002	.90	.96	.97	.98	376	369	369	.004	.000	.000	-.14	-.17	-.18
d. SFperform	363	2.19	2.17	2.21	2.23	.048	.005	.002	.002	.92	.93	.94	.94	33,938	141,945	198,017	.670	.596	.390	.02	-.03	-.05
4 a. memorize	368	2.79	2.80	2.81	2.77	.048	.005	.002	.002	.92	.91	.90	.91	34,086	142,388	198,615	.774	.632	.654	-.02	-.02	.02
b. HOapply	363	3.10	3.14	3.14	3.15	.045	.004	.002	.002	.85	.81	.81	.81	33,924	141,770	197,711	.423	.395	.269	-.04	-.04	-.06
c. HOanalyze	365	3.16	3.09	3.10	3.12	.045	.005	.002	.002	.86	.85	.84	.83	33,842	141,381	197,227	.129	.188	.410	.08	.07	.04
d. HOevaluate	366	3.08	2.91	2.95	2.99	.046	.005	.002	.002	.88	.90	.89	.87	33,819	141,350	197,167	.000	.004	.040	.19	.15	.11
e. HOform	366	3.06	2.95	2.97	3.01	.045	.005	.002	.002	.87	.87	.87	.86	33,757	141,058	196,718	.022	.064	.253	.12	.10	.06
5 a. ETgoals	363	3.16	3.16	3.19	3.20	.044	.004	.002	.002	.83	.79	.78	.78	34,055	142,359	198,581	.955	.491	.344	.00	-.04	-.05
b. ETorganize	362	3.11	3.10	3.12	3.14	.043	.004	.002	.002	.83	.80	.79	.79	33,954	141,924	197,990	.807	.856	.520	.01	-.01	-.03
c. ETexample	359	3.13	3.13	3.15	3.16	.044	.005	.002	.002	.84	.83	.83	.83	33,883	141,602	197,546	.944	.682	.517	.00	-.02	-.03
d. ETdraftfb	363	2.84	2.71	2.77	2.81	.052	.005	.003	.002	.99	.98	.98	.98	33,835	141,512	197,422	.015	.158	.489	.13	.07	.04
e. ETfeedback	362	2.89	2.82	2.85	2.89	.048	.005	.002	.002	.92	.92	.92	.91	33,746	141,006	196,679	.214	.507	.882	.07	.03	-.01

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Massachusetts Boston

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMass Boston	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Comparisons with:			Comparisons with:			Comparisons with:		
														Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.
6 a. QRconclude	363	2.58	2.68	2.67	2.66	.050	.005	.003	.002	.96	.97	.97	.97	34,015	142,103	198,246	.053	.100	.141	-.10	-.09	-.08
b. QRproblem	365	2.41	2.45	2.44	2.45	.053	.005	.003	.002	1.01	1.00	.99	.99	33,960	141,817	197,833	.451	.479	.429	-.04	-.04	-.04
c. QRevaluate	363	2.45	2.45	2.45	2.45	.052	.005	.003	.002	.98	.97	.97	.97	33,840	141,345	197,227	.925	.906	.906	.00	.01	.01
7 a. wrshortnum	331	7.36	7.07	7.11	7.71	.355	.037	.018	.016	6.46	6.48	6.47	6.75	30,579	128,524	180,044	.407	.477	.349	.05	.04	-.05
b. wrmednum	333	3.56	3.24	3.24	3.59	.229	.024	.011	.010	4.18	4.07	4.00	4.30	30,158	126,649	177,852	.154	.152	.903	.08	.08	-.01
c. wrlongnum	317	1.69	1.90	1.90	2.01	.170	.021	.010	.009	3.02	3.55	3.56	3.64	326	319	318	.235	.224	.061	-.06	-.06	-.09
— wrpages	310	73.57	72.84	72.92	79.10	4.498	.499	.240	.211	79.18	84.07	83.31	86.60	28,637	120,390	168,950	.878	.892	.261	.01	.01	-.06
8 a. DDrace	343	3.23	3.11	3.14	3.15	.049	.005	.003	.002	.91	.93	.92	.92	31,684	133,241	186,581	.017	.072	.097	.13	.10	.09
b. DDeconomic	340	3.07	3.11	3.12	3.14	.052	.005	.002	.002	.96	.89	.89	.88	346	341	340	.474	.355	.242	-.04	-.05	-.07
c. DDreligion	338	3.06	3.02	3.07	3.06	.052	.005	.003	.002	.96	.95	.93	.94	31,524	132,521	185,617	.535	.784	.956	.03	-.01	.00
d. DDpolitical	338	2.95	3.03	3.05	3.05	.053	.005	.003	.002	.97	.93	.93	.93	31,402	131,938	184,781	.115	.059	.057	-.09	-.10	-.10
9 a. LSreading	339	3.35	3.21	3.23	3.25	.040	.005	.002	.002	.75	.81	.80	.79	31,511	132,432	185,557	.001	.004	.019	.18	.16	.13
b. LSnotes	337	2.99	2.87	2.90	2.89	.050	.005	.003	.002	.92	.95	.94	.95	343	337	337	.025	.071	.056	.12	.10	.10
c. LSsummary	332	2.98	2.87	2.89	2.91	.048	.005	.003	.002	.88	.93	.93	.92	339	332	332	.015	.056	.104	.13	.10	.09
10. challenge	343	5.58	5.63	5.65	5.67	.068	.007	.003	.003	1.26	1.22	1.20	1.19	31,415	131,952	184,895	.452	.302	.143	-.04	-.06	-.08
11 a. intern ^l	334	.437	.502	.497	.511	.0272	.0028	.0014	.0012	--	--	--	--	--	--	--	.018	.029	.007	-.13	-.12	-.15
b. leader ^l	338	.186	.354	.347	.364	.0212	.0027	.0013	.0011	--	--	--	--	--	--	--	.000	.000	.000	-.38	-.37	-.40
c. learncom ^l	333	.211	.249	.243	.249	.0224	.0025	.0012	.0010	--	--	--	--	--	--	--	.108	.162	.103	-.09	-.08	-.09
d. abroad ^l	335	.069	.143	.122	.145	.0139	.0020	.0009	.0008	--	--	--	--	--	--	--	.000	.003	.000	-.25	-.18	-.25
e. research ^l	336	.178	.246	.239	.247	.0209	.0025	.0012	.0010	--	--	--	--	--	--	--	.004	.009	.004	-.17	-.15	-.17
f. capstone ^l	338	.412	.421	.434	.463	.0268	.0028	.0014	.0012	--	--	--	--	--	--	--	.734	.417	.060	-.02	-.04	-.10
12. servcourse	338	1.64	1.69	1.71	1.74	.037	.004	.002	.002	.68	.68	.69	.69	31,120	130,813	183,355	.195	.045	.009	-.07	-.11	-.14
13 a. QIstudent	340	5.33	5.66	5.67	5.70	.080	.008	.004	.003	1.47	1.33	1.32	1.31	345	340	340	.000	.000	.000	-.25	-.26	-.28
b. QIadvisor	342	4.91	5.02	5.09	5.18	.105	.010	.005	.004	1.95	1.82	1.81	1.79	347	342	342	.312	.094	.011	-.06	-.10	-.15
c. QIfaculty	339	5.28	5.44	5.48	5.55	.084	.008	.004	.003	1.56	1.42	1.41	1.39	344	339	339	.065	.021	.002	-.11	-.14	-.19
d. QIstaff	289	4.26	4.79	4.83	4.86	.117	.011	.005	.005	1.99	1.76	1.76	1.76	293	289	289	.000	.000	.000	-.30	-.33	-.34
e. QIadmin	328	4.22	4.74	4.75	4.82	.105	.010	.005	.004	1.89	1.75	1.76	1.76	333	328	328	.000	.000	.000	-.29	-.30	-.34
14 a. empstudy	319	3.10	3.19	3.17	3.19	.048	.005	.002	.002	.86	.77	.77	.77	29,534	320	174,801	.038	.144	.051	-.12	-.09	-.11
b. SEacademic	321	2.84	2.92	2.93	2.97	.050	.005	.002	.002	.89	.87	.87	.86	29,320	123,465	173,523	.092	.053	.007	-.09	-.11	-.15
c. SElearnsup	319	2.82	2.85	2.85	2.89	.055	.005	.003	.002	.97	.94	.94	.94	29,318	123,494	173,596	.579	.583	.206	-.03	-.03	-.07

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Massachusetts Boston

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
		UMass Boston	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	UMass Boston	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.	NSSE All U.S.	Carnegie Class	Public 4-Year Inst.
d. SEdiverse	321	2.74	2.56	2.58	2.61	.056	.006	.003	.002	1.00	1.01	1.00	1.01	29,341	123,675	173,856	.001	.004	.014	.19	.16	.14
e. SESocial	320	2.60	2.86	2.86	2.87	.056	.005	.003	.002	1.00	.93	.92	.93	325	321	320	.000	.000	.000	-.28	-.28	-.28
f. SEwellness	318	2.53	2.78	2.80	2.78	.056	.006	.003	.002	1.00	.96	.96	.97	324	319	318	.000	.000	.000	-.26	-.28	-.25
g. SEonacad	318	2.10	2.08	2.09	2.11	.058	.006	.003	.002	1.03	1.00	1.00	1.00	29,207	123,017	172,960	.710	.849	.808	.02	.01	-.01
h. SEactivities	317	2.39	2.71	2.69	2.66	.056	.006	.003	.002	1.00	.97	.97	.99	29,130	122,737	172,480	.000	.000	.000	-.32	-.31	-.28
i. SEevents	316	2.46	2.42	2.43	2.44	.057	.006	.003	.002	1.02	.97	.97	.98	321	316	171,952	.495	.648	.669	.04	.03	.02
15 a. tmprephrs	316	13.46	14.94	14.54	14.75	.471	.053	.025	.021	8.36	9.03	8.94	8.93	323	317	316	.002	.022	.006	-.16	-.12	-.14
b. tmcocurrhrs	312	2.64	4.54	4.45	4.65	.340	.039	.019	.017	6.00	6.67	6.68	6.88	319	313	312	.000	.000	.000	-.28	-.27	-.29
c. tmworkonhrs	316	2.20	4.03	3.67	3.72	.340	.045	.021	.017	6.04	7.65	7.37	7.20	326	317	316	.000	.000	.000	-.24	-.20	-.21
d. tmworkoffhrs	319	17.92	11.53	12.07	11.98	.733	.077	.037	.032	13.07	12.96	13.04	13.19	28,935	122,138	171,701	.000	.000	.000	.49	.45	.45
— tmworkhrs	315	20.01	15.42	15.60	15.57	.768	.078	.038	.032	13.63	13.22	13.32	13.31	28,722	121,286	170,547	.000	.000	.000	.35	.33	.33
e. tmservicehrs	310	3.22	3.03	3.14	3.13	.354	.031	.016	.013	6.22	5.27	5.42	5.35	314	310	310	.579	.813	.781	.04	.02	.02
f. tmrelaxhrs	311	8.85	10.82	10.83	10.73	.421	.048	.024	.020	7.43	8.14	8.23	8.15	318	312	311	.000	.000	.000	-.24	-.24	-.23
g. tmcarehrs	313	7.80	5.80	6.10	6.37	.683	.063	.031	.027	12.08	10.65	10.93	11.19	317	313	313	.004	.014	.037	.19	.16	.13
h. tmcommutehrs	316	7.30	5.10	5.25	4.80	.342	.032	.016	.013	6.07	5.40	5.55	5.52	320	316	316	.000	.000	.000	.41	.37	.45
16. reading	309	3.26	2.87	2.88	2.93	.061	.007	.003	.003	1.08	1.21	1.20	1.18	317	310	172,068	.000	.000	.000	.32	.31	.27
— tmreadinghrs	306	7.97	7.20	7.10	7.38	.383	.038	.018	.016	6.69	6.39	6.36	6.45	28,822	121,626	171,072	.038	.017	.111	.12	.14	.09
17 a. pgwrite	317	3.05	2.96	2.99	3.04	.052	.005	.003	.002	.92	.93	.92	.91	29,169	122,954	172,884	.080	.255	.841	.10	.06	.01
b. pgspeak	315	2.82	2.88	2.92	2.95	.054	.006	.003	.002	.95	.96	.95	.94	29,062	122,493	172,246	.258	.067	.013	-.06	-.10	-.14
c. pgthink	316	3.20	3.28	3.28	3.31	.047	.005	.002	.002	.83	.81	.81	.80	29,071	122,462	172,180	.077	.092	.018	-.10	-.09	-.13
d. pganalyze	314	2.72	2.88	2.85	2.83	.055	.006	.003	.002	.97	.99	.99	1.00	29,025	122,424	172,109	.003	.014	.039	-.17	-.14	-.12
e. pgwork	314	2.68	2.90	2.92	2.95	.057	.006	.003	.002	1.01	.99	.98	.97	319	314	314	.000	.000	.000	-.22	-.25	-.27
f. pgothers	312	2.80	3.01	3.03	3.05	.055	.005	.003	.002	.98	.91	.90	.90	316	312	312	.000	.000	.000	-.23	-.25	-.28
g. pgvalues	311	2.71	2.75	2.76	2.82	.060	.006	.003	.002	1.06	1.03	1.03	1.02	29,050	122,476	172,176	.489	.414	.052	-.04	-.05	-.11
h. pgdiverse	313	2.93	2.77	2.80	2.82	.057	.006	.003	.002	1.00	1.01	1.00	.99	29,066	122,524	172,263	.004	.017	.050	.17	.14	.11
i. pgprobsolve	313	2.71	2.80	2.80	2.82	.058	.006	.003	.002	1.03	.98	.98	.97	318	313	313	.115	.112	.053	-.09	-.10	-.12
j. pgcitizen	309	2.69	2.63	2.66	2.69	.060	.006	.003	.002	1.06	1.01	1.01	1.01	28,896	121,877	171,331	.286	.607	.941	.06	.03	.00
18. evalexp	319	3.03	3.21	3.21	3.25	.046	.004	.002	.002	.83	.76	.75	.75	29,213	123,155	173,104	.000	.000	.000	-.24	-.24	-.29
19. sameinst	318	3.07	3.20	3.20	3.20	.049	.005	.002	.002	.87	.85	.85	.85	29,236	123,284	173,296	.005	.006	.005	-.16	-.15	-.16

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."
- 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 Ns 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."