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# NSSE 2014

## Frequencies and Statistical Comparisons

University of Puerto Rico-Mayaguez

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# NSSE 2014 Frequencies and Statistical Comparisons

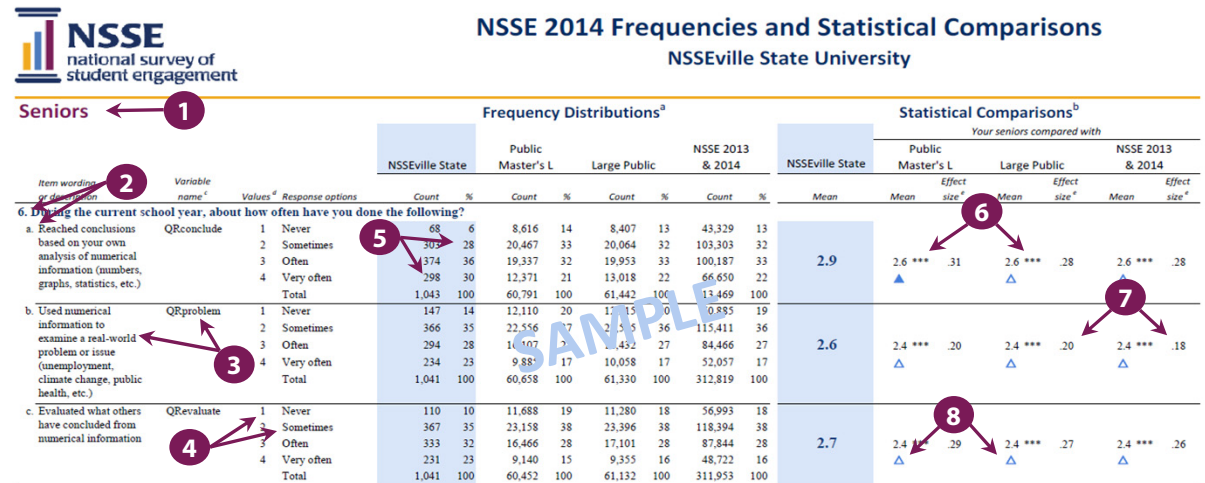
## About This Report

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 Web site ([nsse.iub.edu](http://nsse.iub.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 Web site.
- 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.iub.edu/html/weighting.cfm](http://nsse.iub.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.



**Seniors**

**Frequency Distributions<sup>a</sup>**

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSEville State				Public Master's L				Large Public				NSSE 2013 & 2014				Statistical Comparisons <sup>b</sup>				
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. Doing the current school year, about how often have you done the following?</b>																								
<b>a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)</b>																								
	QRconclude	1	Never	68	6	8,616	14	8,407	13	43,329	13													
		2	Sometimes	312	28	20,467	33	20,064	32	103,303	32													
		3	Often	374	36	19,337	32	19,953	33	100,187	33													
		4	Very often	298	30	12,371	21	13,018	22	66,650	22													
			Total	1,043	100	60,791	100	61,442	100	313,469	100													
			Mean									2.9												
			Effect size <sup>e</sup>										2.6 ***	.31										
<b>b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)</b>																								
	QRproblem	1	Never	147	14	12,110	20	17,115	20	8,855	19													
		2	Sometimes	366	35	22,556	37	22,556	36	115,411	36													
		3	Often	294	28	14,007	23	14,452	27	84,466	27													
		4	Very often	234	23	9,888	17	10,058	17	52,057	17													
			Total	1,041	100	60,658	100	61,330	100	312,819	100													
			Mean									2.6												
			Effect size <sup>e</sup>										2.4 ***	.20										
<b>c. Evaluated what others have concluded from numerical information</b>																								
	QRevaluate	1	Never	110	10	11,688	19	11,280	18	56,993	18													
		2	Sometimes	367	35	23,158	38	23,396	38	118,394	38													
		3	Often	333	32	16,466	28	17,101	28	87,844	28													
		4	Very often	231	23	9,140	15	9,355	16	48,722	16													
			Total	1,041	100	60,452	100	61,132	100	311,953	100													
			Mean									2.7												
			Effect size <sup>e</sup>										2.4 ***	.29										

- 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.

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	46	7	245	4	420	3	7,218	3	<b>2.6</b>	2.8 *** ▼	-0.23	2.9 *** ▼	-0.42	2.9 *** ▼	-0.34
		2	Sometimes	267	43	2,495	38	4,980	31	79,300	34							
		3	Often	205	34	2,314	35	5,624	35	86,267	35							
		4	Very often	96	16	1,565	23	4,974	31	69,118	28							
		Total		614	100	6,619	100	15,998	100	241,903	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	56	9	1,094	18	2,306	15	37,589	16	<b>2.6</b>	2.5 *** ▲	.13	2.6	-0.03	2.5	.04
		2	Sometimes	245	40	2,337	36	5,245	33	83,427	34							
		3	Often	209	33	1,994	30	4,811	30	70,696	29							
		4	Very often	107	17	1,165	17	3,557	23	49,102	20							
		Total		617	100	6,590	100	15,919	100	240,814	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	21	3	339	5	839	5	11,872	5	<b>3.0</b>	3.0	.05	3.1	-0.05	3.0	-0.01
		2	Often	78	13	855	14	1,842	12	28,298	12							
		3	Sometimes	374	61	3,768	58	8,651	54	136,431	56							
		4	Never	138	22	1,606	23	4,539	29	63,514	26							
		Total		611	100	6,568	100	15,871	100	240,115	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	222	36	2,396	38	5,662	38	79,534	36	<b>1.9</b>	1.9	.03	2.0	-0.03	2.0	-0.06
		2	Sometimes	247	40	2,733	41	6,137	37	95,112	39							
		3	Often	106	17	923	14	2,571	15	41,638	16							
		4	Very often	40	6	498	8	1,467	9	23,215	9							
		Total		615	100	6,550	100	15,837	100	239,499	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	55	9	515	8	1,629	11	20,003	9	<b>2.5</b>	2.6 *** ▼	-0.15	2.5	-0.04	2.6 ** ▼	-0.11
		2	Sometimes	297	48	2,644	41	6,751	43	96,399	41							
		3	Often	180	30	2,271	35	4,842	30	80,680	33							
		4	Very often	82	13	1,096	17	2,546	16	41,994	17							
		Total		614	100	6,526	100	15,768	100	239,076	100							
f. Explained course material to one or more students	CLexplain	1	Never	35	6	231	4	792	5	10,201	5	<b>2.7</b>	2.7	.01	2.7	.03	2.7	.01
		2	Sometimes	227	37	2,477	39	5,996	39	88,627	38							
		3	Often	223	37	2,509	40	5,731	37	90,363	38							
		4	Very often	119	20	1,099	17	2,863	19	44,210	19							
		Total		604	100	6,316	100	15,382	100	233,401	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
g. Prepared for exams by discussing or working through course material with other students				CLstudy	1	Never	61	10	841	14	2,427	17	32,069	15	<b>2.7</b>	2.5 ***	.21	2.5 ***	.23	2.5 ***	.19
				2	Sometimes	192	32	2,436	38	5,599	36	83,705	36								
				3	Often	212	35	1,929	30	4,450	28	71,039	30								
				4	Very often	139	23	1,129	18	2,953	19	46,763	19								
				Total		604	100	6,335	100	15,429	100	233,576	100								
h. Worked with other students on course projects or assignments				CLproject	1	Never	26	4	419	7	1,187	8	17,913	8	<b>2.8</b>	2.6 ***	.19	2.6 ***	.17	2.6 ***	.21
				2	Sometimes	200	33	2,528	40	6,197	39	92,187	40								
				3	Often	250	42	2,303	36	5,178	33	80,951	34								
				4	Very often	124	20	1,049	17	2,787	19	41,563	17								
				Total		600	100	6,299	100	15,349	100	232,614	100								
i. Gave a course presentation				present	1	Never	96	16	1,036	17	2,823	19	45,829	21	<b>2.3</b>	2.3	.01	2.3	.01	2.2 *	.10
				2	Sometimes	285	48	2,913	46	6,769	43	104,849	45								
				3	Often	140	23	1,670	27	3,840	25	56,585	24								
				4	Very often	74	12	650	10	1,828	13	24,183	10								
				Total		595	100	6,269	100	15,260	100	231,446	100								
<b>2. During the current school year, about how often have you done the following?</b>																					
a. Combined ideas from different courses when completing assignments				RIntegrate	1	Never	64	11	345	6	962	7	14,439	7	<b>2.6</b>	2.7 **	-.12	2.7 **	-.11	2.7 *	-.09
				2	Sometimes	207	35	2,267	37	5,553	37	85,790	38								
				3	Often	220	38	2,349	38	5,406	36	83,493	36								
				4	Very often	95	16	1,170	19	3,094	21	43,953	19								
				Total		586	100	6,131	100	15,015	100	227,675	100								
b. Connected your learning to societal problems or issues				RSocietal	1	Never	42	7	472	8	1,176	9	18,212	9	<b>2.7</b>	2.6 ***	.17	2.7 *	.10	2.6 ***	.15
				2	Sometimes	191	33	2,370	40	5,444	37	86,585	39								
				3	Often	219	38	2,185	35	5,320	35	79,476	35								
				4	Very often	127	22	997	16	2,858	20	40,427	18								
				Total		579	100	6,024	100	14,798	100	224,700	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments				RIdiverse	1	Never	56	10	601	11	1,203	9	20,946	10	<b>2.6</b>	2.5 *	.09	2.6	-.02	2.6	.05
				2	Sometimes	219	37	2,451	41	5,617	38	88,395	39								
				3	Often	195	34	2,023	33	5,111	33	76,092	33								
				4	Very often	108	19	956	16	2,887	20	39,402	17								
				Total		578	100	6,031	100	14,818	100	224,835	100								

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

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## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	36	6	308	5	656	5	10,573	5	<b>2.8</b>	2.7 **	.12	2.8	.02	2.8	.07	
		2	Sometimes	162	28	2,088	34	4,639	31	73,107	33								Δ
		3	Often	239	42	2,515	42	6,242	42	94,767	42								
		4	Very often	141	24	1,117	19	3,247	23	45,893	21								
		Total		578	100	6,028	100	14,784	100	224,340	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	27	5	231	4	482	4	7,886	4	<b>3.0</b>	2.8 ***	.18	2.9 *	.10	2.9 ***	.15	
		2	Sometimes	125	21	1,843	30	4,283	29	66,684	30								Δ
		3	Often	255	44	2,562	43	6,081	41	94,785	42								Δ
		4	Very often	171	30	1,360	23	3,901	27	54,397	24								Δ
		Total		578	100	5,996	100	14,747	100	223,752	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	12	2	173	3	392	3	6,179	3	<b>3.1</b>	2.8 ***	.28	2.9 ***	.21	2.9 ***	.25	
		2	Sometimes	126	22	1,911	32	4,541	31	69,184	32								Δ
		3	Often	251	44	2,585	43	6,059	41	94,350	42								Δ
		4	Very often	187	32	1,324	22	3,693	25	53,296	23								Δ
		Total		576	100	5,993	100	14,685	100	223,009	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	8	1	75	1	187	1	3,153	2	<b>3.2</b>	3.1 **	.12	3.1 *	.10	3.1 **	.13	
		2	Sometimes	98	17	1,200	21	3,030	21	45,711	21								Δ
		3	Often	247	44	2,788	46	6,440	43	99,659	45								Δ
		4	Very often	212	38	1,890	32	4,939	34	73,308	33								Δ
		Total		565	100	5,953	100	14,596	100	221,831	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	211	37	1,547	28	3,016	22	46,590	22	<b>2.0</b>	2.1 *	-0.10	2.2 ***	-0.29	2.2 ***	-0.25	
		2	Sometimes	213	37	2,789	46	6,619	44	102,841	46								▽
		3	Often	95	17	1,128	18	3,317	22	48,972	21								▽
		4	Very often	49	9	516	8	1,707	12	24,363	11								▽
		Total		568	100	5,980	100	14,659	100	222,766	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	358	63	3,516	59	7,613	53	113,733	52	<b>1.6</b>	1.6	-0.02	1.7 ***	-0.17	1.7 ***	-0.16	
		2	Sometimes	121	21	1,601	27	4,211	28	66,825	29								▽
		3	Often	61	11	537	9	1,795	12	27,245	12								▽
		4	Very often	27	5	290	5	978	7	14,023	6								▽
		Total		567	100	5,944	100	14,597	100	221,826	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>										
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
c. Discussed course topics, ideas, or concepts with a faculty member outside of class				SFdiscuss		1	Never	258	45	2,013	34	4,686	33	68,639	32	<b>1.8</b>	1.9 *	-0.11	2.0 ***	-0.17	2.0 ***	-0.18
				2	Sometimes	191	33	2,666	44	6,257	42	96,103	42									
				3	Often	84	15	916	16	2,510	17	39,723	18									
				4	Very often	37	7	349	6	1,119	8	17,046	8									
				Total		570	100	5,944	100	14,572	100	221,511	100									
d. Discussed your academic performance with a faculty member				SFperform		1	Never	285	50	1,777	30	3,218	23	52,723	25	<b>1.7</b>	2.0 ***	-0.29	2.2 ***	-0.50	2.1 ***	-0.44
				2	Sometimes	176	30	2,827	47	6,896	46	104,021	46									
				3	Often	78	14	974	17	3,059	21	44,690	20									
				4	Very often	27	5	342	6	1,376	10	19,281	9									
				Total		566	100	5,920	100	14,549	100	220,715	100									
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																						
a. Memorizing course material				memorize		1	Very little	16	3	154	3	650	5	8,810	4	<b>3.1</b>	3.0 ***	.15	3.0 ***	.21	3.0 ***	.22
				2	Some	94	16	1,314	22	3,463	24	54,765	25									
				3	Quite a bit	252	45	2,669	45	6,073	42	95,430	43									
				4	Very much	205	36	1,820	30	4,407	29	62,599	28									
				Total		567	100	5,957	100	14,593	100	221,604	100									
b. Applying facts, theories, or methods to practical problems or new situations				HOapply		1	Very little	16	3	166	3	498	4	7,228	4	<b>3.1</b>	3.0 **	.12	3.0 ***	.15	3.0 ***	.16
				2	Some	114	20	1,265	21	3,252	22	49,796	23									
				3	Quite a bit	223	40	2,699	46	6,409	44	98,492	44									
				4	Very much	213	37	1,796	30	4,359	30	65,012	29									
				Total		566	100	5,926	100	14,518	100	220,528	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts				HOanalyze		1	Very little	18	3	186	3	579	4	7,961	4	<b>3.1</b>	3.0 **	.12	3.0 **	.11	3.0 **	.13
				2	Some	114	20	1,368	23	3,202	23	50,722	24									
				3	Quite a bit	228	41	2,585	44	6,044	42	93,676	42									
				4	Very much	205	36	1,765	30	4,624	31	67,283	30									
				Total		565	100	5,904	100	14,449	100	219,642	100									
d. Evaluating a point of view, decision, or information source				HOevaluate		1	Very little	24	4	223	4	520	4	8,924	4	<b>3.1</b>	2.9 ***	.22	3.0 **	.12	2.9 ***	.20
				2	Some	100	18	1,571	27	3,325	24	55,149	26									
				3	Quite a bit	237	43	2,559	43	6,213	42	95,151	43									
				4	Very much	202	35	1,543	26	4,404	30	60,449	27									
				Total		563	100	5,896	100	14,462	100	219,673	100									

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

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## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Variable name <sup>c</sup>				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>												
								UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with								
								Count	%	Count	%	Count	%	Count	%	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014					
				Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>											
e. Forming a new idea or understanding from various pieces of information				HOform				1	Very little	28	5	300	5	651	5	10,043	5	<b>3.1</b>	2.9 ***	.22	2.9 **	.13	2.9 ***	.18
				2	Some	112	20	1,624	28	3,525	25	56,490	26	Δ	Δ	Δ								
				3	Quite a bit	227	40	2,488	42	6,049	42	93,000	42											
				4	Very much	198	35	1,479	25	4,210	29	59,609	27											
				Total		565	100	5,891	100	14,435	100	219,142	100											
<b>5. During the current school year, to what extent have your instructors done the following?</b>																								
a. Clearly explained course goals and requirements				ETgoals				1	Very little	9	1	99	2	320	3	3,904	2	<b>3.3</b>	3.2 ***	.16	3.2 ***	.14	3.2 ***	.15
				2	Some	75	13	966	16	2,459	17	36,439	17	Δ	Δ	Δ								
				3	Quite a bit	235	42	2,795	47	6,301	42	99,352	44											
				4	Very much	249	44	2,061	35	5,488	38	81,552	37											
				Total		568	100	5,921	100	14,568	100	221,247	100											
b. Taught course sessions in an organized way				ETorganize				1	Very little	13	2	101	2	401	3	5,086	3	<b>3.3</b>	3.1 ***	.23	3.1 ***	.22	3.1 ***	.22
				2	Some	62	11	1,060	18	2,669	19	38,557	18	Δ	Δ	Δ								
				3	Quite a bit	243	44	2,852	48	6,336	42	101,344	45											
				4	Very much	248	43	1,904	32	5,129	36	75,638	34											
				Total		566	100	5,917	100	14,535	100	220,625	100											
c. Used examples or illustrations to explain difficult points				ETexample				1	Very little	19	3	145	3	522	4	6,186	3	<b>3.2</b>	3.1 ***	.19	3.1 ***	.20	3.1 ***	.17
				2	Some	75	13	1,121	19	2,901	20	41,932	20	Δ	Δ	Δ								
				3	Quite a bit	215	39	2,583	44	5,690	38	90,707	41											
				4	Very much	257	45	2,036	35	5,376	37	81,227	36											
				Total		566	100	5,885	100	14,489	100	220,052	100											
d. Provided feedback on a draft or work in progress				ETdraftfb				1	Very little	63	11	444	8	1,028	8	16,049	8	<b>2.8</b>	2.8	-.04	2.9 ***	-.16	2.9 **	-.12
				2	Some	154	28	1,753	30	3,703	26	59,175	27											
				3	Quite a bit	201	36	2,226	38	5,243	35	79,042	35											
				4	Very much	144	25	1,456	24	4,509	32	65,694	29											
				Total		562	100	5,879	100	14,483	100	219,960	100											
e. Provided prompt and detailed feedback on tests or completed assignments				ETfeedback				1	Very little	53	9	534	9	1,128	8	16,960	8	<b>2.9</b>	2.7 ***	.19	2.8	.05	2.8	.08
				2	Some	131	24	1,890	33	4,125	28	63,310	29	Δ										
				3	Quite a bit	209	38	2,216	38	5,313	36	82,301	37											
				4	Very much	166	29	1,216	21	3,873	28	56,480	26											
				Total		559	100	5,856	100	14,439	100	219,051	100											

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Variable name <sup>c</sup>				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>									
								UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		Your first-year students compared with					
								Count	%	Count	%	Count	%	Count	%	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Mean	Mean
<b>6. During the current school year, about how often have you done the following?</b>																					
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)				QRconclude	1	Never	77	12	795	13	2,295	15	31,708	14	<b>2.7</b>	2.6 **	.13	2.5 ***	.15	2.6 ***	.14
					2	Sometimes	172	30	2,118	35	5,005	34	78,428	35							
					3	Often	183	33	2,033	35	4,706	33	73,312	34							
					4	Very often	134	24	967	17	2,535	19	37,318	18							
					Total		566	100	5,913	100	14,541	100	220,766	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)				QRproblem	1	Never	145	24	1,353	22	3,313	22	50,170	22	<b>2.3</b>	2.3	.06	2.3	.00	2.3	.02
					2	Sometimes	201	36	2,440	41	5,605	38	88,450	40							
					3	Often	135	25	1,465	25	3,746	26	56,142	26							
					4	Very often	82	15	628	11	1,827	14	25,515	12							
					Total		563	100	5,886	100	14,491	100	220,277	100							
c. Evaluated what others have concluded from numerical information				QRevaluate	1	Never	157	27	1,266	21	3,310	23	48,355	22	<b>2.2</b>	2.3	-.02	2.3	-.03	2.3	-.02
					2	Sometimes	199	36	2,497	42	5,761	39	90,592	41							
					3	Often	124	23	1,534	27	3,749	26	57,193	26							
					4	Very often	76	14	574	10	1,608	12	23,161	11							
					Total		556	100	5,871	100	14,428	100	219,301	100							
<b>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.)</b>																					
a. Up to 5 pages				wrshortnum	0	None	37	7	154	3	510	5	8,166	5	<b>7.4</b>	6.8 *	.11	6.8	.10	6.8	.10
				(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	110	20	1,029	19	2,452	20	36,771	19							
					4	3-5	151	29	1,708	32	4,075	31	62,705	32							
					8	6-10	109	20	1,444	27	3,424	25	51,818	25							
					13	11-15	51	10	549	10	1,446	10	22,445	10							
					18	16-20	33	7	236	4	651	5	10,252	5							
					23	More than 20	43	8	228	4	697	5	10,550	5							
					Total		534	100	5,348	100	13,255	100	202,707	100							
b. Between 6 and 10 pages				wrmednum	0	None	184	35	1,734	35	3,868	33	60,963	33	<b>2.4</b>	1.9 ***	.22	2.3	.04	2.1 *	.11
				(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	194	37	2,298	44	5,291	39	83,928	42							
					4	3-5	77	15	800	15	2,541	19	36,614	18							
					8	6-10	40	8	228	4	892	7	11,306	6							
					13	11-15	13	3	42	1	204	2	2,420	1							
					18	16-20	2	0	13	0	61	1	727	0							
					23	More than 20	4	1	18	0	53	0	713	0							
					Total		514	100	5,133	100	12,910	100	196,671	100							

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM	Your first-year students compared with			NSSE 2013 & 2014			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	337	66	3,971	80	9,101	73	144,022	76	<b>1.0</b>	.6 *** ▲	.20	1.0	.03	.8 *	▲	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	125	25	790	16	2,489	19	35,301	17								
		4	3-5	25	5	122	2	450	4	5,659	3								
		8	6-10	11	2	34	1	203	2	2,446	1								
		13	11-15	3	1	26	0	122	1	1,491	1								
		18	16-20	0	0	12	0	47	1	662	0								
		23	More than 20	5	1	20	0	70	1	930	1								
		Total		506	100	4,975	100	12,482	100	190,511	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>54.4</b>	42.2 *** ▲	.24	50.9	.06	47.0 *	▲	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	38	7	235	4	566	5	9,609	5	<b>3.0</b>	3.1	-.08	3.1 **	-.14	3.1	-.08	
		2	Sometimes	140	25	1,401	25	2,829	21	48,456	23								
		3	Often	153	28	1,584	29	3,843	28	60,245	29								
		4	Very often	215	40	2,212	42	6,283	45	88,017	42								
			Total	546	100	5,432	100	13,521	100	206,327	100								
b. People from an economic background other than your own	DDeconomic	1	Never	13	2	248	5	534	4	8,771	5	<b>3.3</b>	3.1 *** ▲	.29	3.1 ***	.26	3.1 ***	.28	
		2	Sometimes	73	13	1,237	22	2,886	22	44,535	22								
		3	Often	176	33	1,844	33	4,278	32	69,327	34								
		4	Very often	280	52	2,090	39	5,790	42	83,142	40								
			Total	542	100	5,419	100	13,488	100	205,775	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	15	3	286	5	858	7	13,063	7	<b>3.3</b>	3.1 *** ▲	.31	3.0 ***	.36	3.0 ***	.35	
		2	Sometimes	81	15	1,280	24	3,446	26	51,117	25								
		3	Often	149	28	1,698	31	3,780	28	60,792	30								
		4	Very often	293	55	2,135	40	5,374	39	80,285	39								
			Total	538	100	5,399	100	13,458	100	205,257	100								
d. People with political views other than your own	DDpolitical	1	Never	22	4	334	6	885	7	12,993	7	<b>3.4</b>	3.0 *** ▲	.38	3.0 ***	.39	3.0 ***	.39	
		2	Sometimes	67	13	1,324	24	3,317	25	51,770	25								
		3	Often	145	27	1,727	32	4,018	30	63,657	31								
		4	Very often	306	57	2,005	38	5,176	38	76,081	37								
			Total	540	100	5,390	100	13,396	100	204,501	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	8	1	57	1	195	2	2,851	2	3.1	3.1	-0.03	3.2 *	-0.10	3.2	-0.06	
		2	Sometimes	108	20	972	19	2,162	17	35,081	18								
		3	Often	236	44	2,382	45	5,629	42	88,227	43								
		4	Very often	188	35	1,978	35	5,431	40	78,880	37								
		Total		540	100	5,389	100	13,417	100	205,039	100								
b. Reviewed your notes after class	LSnotes	1	Never	51	9	260	5	612	4	9,782	5	2.7	2.9 ***	-0.19	3.0 ***	-0.28	2.9 ***	-0.23	
		2	Sometimes	185	35	1,631	32	3,760	29	60,433	30								
		3	Often	163	30	1,749	32	4,388	33	68,086	33								
		4	Very often	137	25	1,737	31	4,622	34	66,123	32								
		Total		536	100	5,377	100	13,382	100	204,424	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	54	10	369	7	769	6	12,702	7	2.7	2.8	-0.06	2.9 ***	-0.18	2.8 *	-0.12	
		2	Sometimes	168	32	1,668	32	3,746	29	61,414	31								
		3	Often	172	33	1,871	35	4,679	35	71,975	36								
		4	Very often	137	25	1,404	26	4,014	30	56,078	27								
		Total		531	100	5,312	100	13,208	100	202,169	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	3	1	11	0	75	1	789	0	5.7	5.5 ***	.18	5.5 **	.12	5.5 **	.12	
		2		4	1	48	1	149	1	1,904	1								
		3		15	3	182	4	388	3	5,618	3								
		4		61	11	500	10	1,326	10	19,147	10								
		5		137	26	1,829	34	4,064	30	63,703	31								
		6		148	29	1,741	32	4,288	31	67,307	32								
		7	Very much	170	30	1,049	19	3,065	24	45,794	22								
		Total		538	100	5,360	100	13,355	100	204,262	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		21	4	530	10	1,332	11	21,248	11	2%	7% ***	-0.23	9% ***	-0.30	9% ***	-0.29	
		Do not plan to do		39	7	152	3	666	6	8,479	5								
		Plan to do		466	86	4,317	80	10,187	75	157,135	76								
		Done or in progress		12	2	368	7	1,172	9	17,415	9								
		Total		538	100	5,367	100	13,357	100	204,277	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description			Variable name <sup>c</sup>			Values <sup>d</sup>			Response options			Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>												
												UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014				
												Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
b. Hold a formal leadership role in a student organization or group												leader		Have not decided		70	13	1,541	29	3,551	27	55,842	27	<b>8%</b>	11%	-.09	13% ***	-.16	12% **	-.13
												<i>(Means indicate the percentage who responded "Done or in progress.")</i>		Do not plan to do		164	31	1,273	24	3,132	25	46,602	24							
														Plan to do		259	48	1,955	36	4,927	35	76,744	36							
														Done or in progress		43	8	574	11	1,707	13	24,411	12							
														Total		536	100	5,343	100	13,317	100	203,599	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together												learncom		Have not decided		83	15	1,750	33	3,974	29	64,984	31	<b>11%</b>	14% *	-.10	17% ***	-.19	15% **	-.14
												<i>(Means indicate the percentage who responded "Done or in progress.")</i>		Do not plan to do		200	38	1,658	30	3,545	26	56,645	28							
														Plan to do		195	37	1,203	23	3,575	27	51,362	25							
														Done or in progress		55	11	717	14	2,197	17	30,147	15							
														Total		533	100	5,328	100	13,291	100	203,138	100							
d. Participate in a study abroad program												abroad		Have not decided		60	12	1,493	28	3,484	27	54,699	27	<b>2%</b>	3%	-.07	4% **	-.14	4% *	-.12
												<i>(Means indicate the percentage who responded "Done or in progress.")</i>		Do not plan to do		133	26	1,348	26	3,522	29	51,637	27							
														Plan to do		326	60	2,356	43	5,761	40	89,808	42							
														Done or in progress		9	2	139	3	529	4	6,953	4							
														Total		528	100	5,336	100	13,296	100	203,097	100							
e. Work with a faculty member on a research project												research		Have not decided		63	11	2,117	40	4,950	37	76,600	38	<b>4%</b>	4%	.00	6%	-.08	5%	-.07
												<i>(Means indicate the percentage who responded "Done or in progress.")</i>		Do not plan to do		127	24	1,206	22	3,282	25	46,023	23							
														Plan to do		322	60	1,778	34	4,287	32	68,709	34							
														Done or in progress		20	4	205	4	724	6	10,789	5							
														Total		532	100	5,306	100	13,243	100	202,121	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)												capstone		Have not decided		62	11	1,830	34	4,176	32	61,532	31	<b>2%</b>	2%	.01	4%	-.09	3%	-.04
												<i>(Means indicate the percentage who responded "Done or in progress.")</i>		Do not plan to do		128	25	449	8	1,348	11	18,155	10							
														Plan to do		327	62	2,918	56	7,254	53	117,233	56							
														Done or in progress		12	2	107	2	451	4	5,313	3							
														Total		529	100	5,304	100	13,229	100	202,233	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?												servcourse		1 None		234	44	2,676	52	5,645	44	95,952	49	<b>1.7</b>	1.5 ***	.21	1.7	.02	1.6 **	.11
		2 Some		237	45	2,312	43	6,457	48	90,617	44																			
		3 Most		53	10	275	5	901	7	12,901	6																			
		4 All		5	1	30	1	161	1	2,173	1																			
		Total		529	100	5,293	100	13,164	100	201,643	100																			

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# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	6	1	71	1	224	2	2,876	2	<b>5.8</b>	5.6 **	.14	5.5 ***	.17	5.6 **	.13	
		2		10	2	108	2	311	3	3,933	2								
		3		12	2	244	5	614	5	8,503	4								
		4		51	9	520	10	1,393	11	19,100	10								
		5		115	21	1,250	24	2,964	22	45,064	22								
		6		152	28	1,639	30	3,726	27	60,949	29								
		7	Excellent	190	35	1,491	28	4,014	30	62,301	30								
		—	Not applicable	2	0	20	0	87	1	1,187	1								
			Total	538	100	5,343	100	13,333	100	203,913	100								
b. Academic advisors	QIadvisor	1	Poor	35	6	263	5	521	4	7,950	4	<b>4.7</b>	5.0 ***	-.17	5.2 ***	-.28	5.1 ***	-.25	
		2		41	7	306	6	682	5	10,685	5								
		3		57	10	481	9	1,103	8	16,447	8								
		4		64	12	744	14	1,787	13	27,230	13								
		5		86	16	1,004	18	2,449	18	39,613	19								
		6		94	18	1,135	22	2,868	21	44,253	21								
		7	Excellent	90	17	1,160	22	3,670	28	52,850	26								
		—	Not applicable	70	13	235	5	215	2	4,425	2								
			Total	537	100	5,328	100	13,295	100	203,453	100								
c. Faculty	QIfaculty	1	Poor	25	4	103	2	260	2	3,713	2	<b>4.9</b>	5.2 ***	-.22	5.2 ***	-.25	5.3 ***	-.28	
		2		32	6	172	3	420	4	6,214	3								
		3		48	9	355	7	922	7	12,396	6								
		4		72	14	795	15	1,794	13	26,298	13								
		5		122	23	1,357	25	3,193	24	48,870	24								
		6		102	19	1,524	29	3,603	27	58,579	28								
		7	Excellent	91	17	925	18	2,918	22	44,538	22								
		—	Not applicable	43	8	53	1	116	1	1,733	1								
			Total	535	100	5,284	100	13,226	100	202,341	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Student services staff (career services, student activities, housing, etc.)				QIstaff	1	Poor	26	5	265	5	644	5	8,985	5	<b>4.7</b>	4.9	-.09	4.9	-.09	4.9 *	▽
				2	41	8	234	4	648	5	9,568	5									
				3	39	7	397	7	1,001	8	14,959	7									
				4	50	9	719	13	1,747	13	27,379	13									
				5	91	17	1,107	21	2,671	19	41,839	20									
				6	99	19	1,174	22	2,755	20	44,405	21									
				7	70	13	824	15	2,373	18	37,435	18									
				—	118	22	588	11	1,402	12	18,139	10									
Total				534	100	5,308	100	13,241	100	202,709	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)				QIadmin	1	Poor	37	7	298	6	768	6	9,816	5	<b>4.7</b>	4.7	.00	4.8	-.03	4.8	-.08
				2	49	9	332	6	839	7	11,868	6									
				3	44	8	446	8	1,222	9	16,914	8									
				4	65	12	779	15	1,957	14	29,650	15									
				5	103	19	1,101	21	2,662	19	42,093	21									
				6	96	19	1,073	20	2,681	20	42,993	21									
				7	94	18	735	14	2,315	18	36,534	18									
				—	46	9	546	11	802	6	12,914	7									
Total				534	100	5,310	100	13,246	100	202,782	100										
<b>14. How much does your institution emphasize the following?</b>																					
a. Spending significant amounts of time studying and on academic work				empstudy	1	Very little	5	1	77	2	218	2	2,801	2	<b>3.5</b>	3.2 ***	.38	3.2 ***	.44	3.2 ***	.42
				2	36	7	655	14	1,901	16	26,529	15									
				3	152	31	2,227	44	5,505	44	84,190	44									
				4	304	61	1,977	41	4,815	38	77,387	39									
				Total				497	100	4,936	100	12,439	100	190,907							
b. Providing support to help students succeed academically				SEacademic	1	Very little	13	2	157	3	461	4	6,058	4	<b>3.1</b>	3.1	.00	3.1	.05	3.1	.02
				2	91	18	883	18	2,314	19	33,235	19									
				3	212	44	1,978	41	4,963	40	75,804	40									
				4	178	36	1,882	38	4,630	37	74,735	38									
				Total				494	100	4,900	100	12,368	100	189,832							
c. Using learning support services (tutoring services, writing center, etc.)				SElearnsup	1	Very little	24	5	203	4	683	6	9,433	5	<b>3.2</b>	3.2	-.04	3.1	.04	3.1	.01
				2	84	17	722	15	2,130	17	30,540	17									
				3	178	36	1,860	38	4,376	35	67,550	36									
				4	211	42	2,128	42	5,184	42	82,358	42									
				Total				497	100	4,913	100	12,373	100	189,881							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	41	8	639	13	1,420	13	21,306	12	<b>2.9</b>	2.7 ***	.23	2.7 ***	.17	2.7 ***	.18			
		2	Some	124	25	1,465	30	3,501	28	54,817	29								Δ	Δ	Δ
		3	Quite a bit	172	34	1,606	33	3,986	32	62,172	33										
		4	Very much	161	32	1,201	24	3,477	28	51,913	26										
		Total		498	100	4,911	100	12,384	100	190,208	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	24	5	273	6	757	7	9,794	6	<b>3.0</b>	3.0	.00	3.0	.04	3.0	.00			
		2	Some	110	22	1,016	21	2,590	22	38,940	21										
		3	Quite a bit	192	40	1,866	38	4,568	36	72,041	38										
		4	Very much	167	34	1,754	35	4,459	34	69,213	35										
		Total		493	100	4,909	100	12,374	100	189,988	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	36	7	278	6	922	9	11,258	7	<b>3.0</b>	3.1	-.09	2.9	.06	3.0	.00			
		2	Some	106	22	933	19	2,700	22	39,037	21										
		3	Quite a bit	174	35	1,828	38	4,460	35	72,010	38										
		4	Very much	175	36	1,844	37	4,213	33	66,787	34										
		Total		491	100	4,883	100	12,295	100	189,092	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	65	13	1,055	21	2,634	23	36,984	21	<b>2.6</b>	2.4 ***	.26	2.4 ***	.22	2.4 ***	.21			
		2	Some	169	35	1,783	36	4,198	34	66,568	35								Δ	Δ	Δ
		3	Quite a bit	151	31	1,331	27	3,294	26	53,807	28										
		4	Very much	103	21	719	15	2,178	17	31,587	16										
		Total		488	100	4,888	100	12,304	100	188,946	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	33	7	412	9	1,165	11	14,255	8	<b>3.0</b>	2.8 **	.14	2.8 **	.13	2.9	.07			
		2	Some	102	21	1,244	26	2,881	24	42,791	23								Δ	Δ	
		3	Quite a bit	195	40	1,859	38	4,408	35	70,666	37										
		4	Very much	159	32	1,350	28	3,826	30	60,877	31										
		Total		489	100	4,865	100	12,280	100	188,589	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	57	12	741	16	1,760	16	24,959	14	<b>2.8</b>	2.5 ***	.25	2.6 ***	.18	2.6 ***	.17			
		2	Some	126	26	1,658	35	3,788	31	59,702	32								Δ	Δ	Δ
		3	Quite a bit	179	37	1,556	32	3,910	31	62,195	32										
		4	Very much	124	25	895	18	2,792	22	41,281	21										
		Total		486	100	4,850	100	12,250	100	188,137	100										

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>													
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with											
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>							
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																									
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with											
Variable name <sup>c</sup>				Count		Count		Count		Count		Mean		Mean		Effect size <sup>e</sup>									
Response options				%		%		%		%				Effect size <sup>e</sup>		Effect size <sup>e</sup>									
Values <sup>d</sup>																									
0 0 hrs				3 1		8 0		62 1		777 1		<b>12.9</b>		14.6 *** ▽		-0.21		13.6		-0.09		14.3 *** ▽		-0.17	
3 1-5 hrs				132 26		549 12		1,831 16		24,710 14															
8 6-10 hrs				110 22		1,170 25		3,020 26		43,789 24															
13 11-15 hrs				81 17		1,068 22		2,713 22		40,709 21															
18 16-20 hrs				65 14		968 19		2,083 16		34,200 17															
23 21-25 hrs				39 8		537 11		1,294 10		21,934 11															
28 26-30 hrs				34 7		303 6		685 5		12,187 6															
33 More than 30 hrs				29 6		266 5		654 5		11,413 6															
Total				493 100		4,869 100		12,342 100		189,719 100															
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with											
Variable name <sup>c</sup>				Count		Count		Count		Count		Mean		Mean		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>					
Response options				%		%		%		%				Effect size <sup>e</sup>		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>					
Values <sup>d</sup>																									
0 0 hrs				232 47		1,598 34		4,198 37		57,469 33		<b>3.4</b>		4.9 *** ▽		-0.24		4.9 ***		-0.23		5.4 *** ▽		-0.29	
3 1-5 hrs				171 35		1,800 36		4,152 32		65,933 33															
8 6-10 hrs				47 10		714 15		1,902 15		30,741 16															
13 11-15 hrs				17 4		393 8		1,009 8		16,232 8															
18 16-20 hrs				9 2		190 4		537 4		9,564 5															
23 21-25 hrs				5 1		71 2		245 2		4,516 2															
28 26-30 hrs				4 1		41 1		109 1		1,855 1															
33 More than 30 hrs				5 1		41 1		113 1		2,180 1															
Total				490 100		4,848 100		12,265 100		188,490 100															
c. Working for pay on campus				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with											
Variable name <sup>c</sup>				Count		Count		Count		Count		Mean		Mean		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>					
Response options				%		%		%		%				Effect size <sup>e</sup>		Effect size <sup>e</sup>		Mean		Effect size <sup>e</sup>					
Values <sup>d</sup>																									
0 0 hrs				452 92		4,170 86		9,737 81		144,388 79		<b>.9</b>		1.6 *** ▽		-0.15		2.2 ***		-0.24		2.4 *** ▽		-0.27	
3 1-5 hrs				14 3		126 3		545 4		9,808 4															
8 6-10 hrs				11 2		284 6		850 6		17,070 8															
13 11-15 hrs				5 1		162 4		600 4		9,307 5															
18 16-20 hrs				8 2		64 1		360 3		5,501 3															
23 21-25 hrs				0 0		21 1		135 1		1,479 1															
28 26-30 hrs				1 0		13 0		27 0		510 0															
33 More than 30 hrs				2 0		13 0		57 1		1,219 1															
Total				493 100		4,853 100		12,311 100		189,282 100															

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>												
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with										
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
<b>d. Working for pay off campus</b>				tmworkoffhrs	0	0 hrs	431	88	3,504	74	8,250	65	136,093	70	<b>1.2</b>	▼	3.9 ***	-0.35	▼	6.3 ***	-0.49	▼	5.0 ***	-0.41
(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)				3	1-5 hrs	22	4	222	4	612	5	9,231	5											
				8	6-10 hrs	17	3	250	5	687	6	9,176	5											
				13	11-15 hrs	5	1	257	5	681	5	8,297	5											
				18	16-20 hrs	8	2	241	5	560	5	8,456	5											
				23	21-25 hrs	3	1	179	3	425	4	5,700	3											
				28	26-30 hrs	2	0	91	2	280	3	3,428	2											
				33	More than 30 hrs	1	0	97	2	767	8	8,004	5											
				Total			489	100	4,841	100	12,262	100	188,385	100										
Estimated number of hours working for pay				tmworkhrs											<b>2.1</b>	▼	5.4 ***	-0.36	▼	8.5 ***	-0.54	▼	7.3 ***	-0.48
(Continuous variable created by NSSE)																								
<b>e. Doing community service or volunteer work</b>				tmservicehrs	0	0 hrs	332	68	2,883	62	6,521	54	104,429	57	<b>1.6</b>	▼	1.9 *	-0.10	▼	2.6 ***	-0.22	▼	2.4 ***	-0.18
(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)				3	1-5 hrs	117	24	1,507	30	4,138	33	62,961	32											
				8	6-10 hrs	26	5	245	5	846	7	10,821	6											
				13	11-15 hrs	7	2	100	2	341	3	4,397	2											
				18	16-20 hrs	2	0	34	1	183	2	2,431	1											
				23	21-25 hrs	0	0	17	0	88	1	1,073	1											
				28	26-30 hrs	1	0	10	0	32	0	408	0											
				33	More than 30 hrs	1	0	9	0	39	0	620	0											
				Total			486	100	4,805	100	12,188	100	187,140	100										
<b>f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)</b>				tmrelaxhrs	0	0 hrs	9	2	48	1	237	2	3,003	2	<b>10.6</b>	▼	13.5 ***	-0.33	▼	12.1 ***	-0.16	▼	12.6 ***	-0.23
(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)				3	1-5 hrs	173	34	845	17	2,684	23	39,126	21											
				8	6-10 hrs	130	26	1,254	26	3,380	27	50,846	26											
				13	11-15 hrs	69	14	1,090	22	2,455	19	38,028	20											
				18	16-20 hrs	38	8	684	14	1,571	13	25,335	13											
				23	21-25 hrs	25	5	386	8	778	6	13,772	7											
				28	26-30 hrs	21	4	181	4	409	3	6,545	4											
				33	More than 30 hrs	23	5	325	7	726	6	11,212	6											
				Total			488	100	4,813	100	12,240	100	187,867	100										

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>														
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014								
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	317	66	3,807	79	8,834	70	143,975	75	<b>3.1</b>														
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	80	16	510	10	1,396	12	19,264	11															
	8	6-10 hrs	41	8	216	5	600	5	7,723	4																
	13	11-15 hrs	21	4	107	2	361	3	4,523	3																
	18	16-20 hrs	16	3	60	1	213	2	2,988	2																
	23	21-25 hrs	1	0	33	1	133	1	1,647	1																
	28	26-30 hrs	1	0	14	0	71	1	1,020	1																
	33	More than 30 hrs	12	2	54	1	584	6	6,348	4																
	Total			489	100	4,801	100	12,192	100	187,488	100															
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	45	9	1,920	38	5,104	38	85,538	41	<b>6.3</b>														
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	270	55	1,852	39	4,501	38	68,956	39															
	8	6-10 hrs	103	21	681	15	1,484	13	19,680	12																
	13	11-15 hrs	31	6	231	5	557	5	6,936	4																
	18	16-20 hrs	11	2	72	2	268	2	3,236	2																
	23	21-25 hrs	8	2	36	1	133	1	1,540	1																
	28	26-30 hrs	5	1	16	0	69	1	735	0																
	33	More than 30 hrs	14	3	21	0	126	1	1,579	1																
	Total			487	100	4,829	100	12,242	100	188,200	100															
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																										
	reading	1	Very little	32	7	404	10	647	9	11,113	10	<b>2.9</b>														
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	130	28	1,253	32	2,145	31	34,149	31															
	3	About half	194	40	1,160	28	2,274	32	34,847	30																
	4	Most	102	21	919	22	1,570	21	26,202	21																
	5	Almost all	23	5	315	7	574	7	9,781	8																
		Total			481	100	4,051	100	7,210	100	116,092															
	tmreadinghrs											<b>6.4</b>														
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																										

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>												
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with										
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																						
tmreadinghrscol  (Collapsed version of tmreadinghrs created by NSSE.)				1	0 hrs	3	1	8	0	41	1	457	0											
				2	More than zero, up to 5 hrs	257	54	1,851	47	3,517	51	53,012	49											
				3	More than 5, up to 10 hrs	129	28	1,231	31	2,143	29	35,110	30											
				4	More than 10, up to 15 hrs	38	8	473	11	745	10	13,217	10											
				5	More than 15, up to 20 hrs	28	6	259	6	369	4	7,080	5											
				6	More than 20, up to 25 hrs	17	3	139	3	255	3	4,771	4											
				7	More than 25 hrs	5	1	60	1	98	1	1,830	1											
				Total				477	100	4,021	100	7,168	100	115,477	100									
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																								
a. Writing clearly and effectively				pgwrite	1	Very little	19	4	371	8	825	7	13,665	8	<b>3.1</b>	▲	2.8 ***	.39	▲	2.9 ***	.24	▲	2.9 ***	.30
					2	Some	89	18	1,320	28	2,854	23	47,103	25										
					3	Quite a bit	176	37	1,991	41	4,916	40	75,774	40										
					4	Very much	204	40	1,166	23	3,686	30	52,408	27										
Total				488	100	4,848	100	12,281	100	188,950	100													
b. Speaking clearly and effectively				pgspeak	1	Very little	20	4	483	10	1,313	11	21,158	12	<b>3.1</b>	▲	2.7 ***	.41	▲	2.8 ***	.36	▲	2.7 ***	.44
					2	Some	92	19	1,455	30	3,438	27	56,763	30										
					3	Quite a bit	186	39	1,837	38	4,558	37	68,881	36										
					4	Very much	186	38	1,051	22	2,920	24	41,537	22										
Total				484	100	4,826	100	12,229	100	188,339	100													
c. Thinking critically and analytically				pgthink	1	Very little	6	1	163	4	452	4	6,138	4	<b>3.4</b>	▲	3.0 ***	.40	▲	3.1 ***	.34	▲	3.1 ***	.33
					2	Some	55	11	1,022	21	2,306	20	34,588	19										
					3	Quite a bit	178	38	2,087	43	5,116	41	79,893	42										
					4	Very much	247	50	1,564	32	4,365	36	67,672	35										
Total				486	100	4,836	100	12,239	100	188,291	100													
d. Analyzing numerical and statistical information				pganalyze	1	Very little	31	6	678	13	1,996	15	28,375	14	<b>3.0</b>	▲	2.6 ***	.44	▲	2.6 ***	.43	▲	2.6 ***	.41
					2	Some	110	22	1,590	33	3,850	32	59,385	31										
					3	Quite a bit	179	37	1,655	34	3,927	32	61,793	33										
					4	Very much	167	35	908	20	2,464	21	38,648	21										
Total				487	100	4,831	100	12,237	100	188,201	100													

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	98	20	785	16	1,615	14	25,137	14	<b>2.5</b>	2.5	.00	2.7 **	-.13	2.6 *	-.10
		2	Some	138	28	1,652	34	3,693	30	58,289	31							
		3	Quite a bit	156	32	1,515	32	4,093	33	62,816	33							
		4	Very much	96	20	881	19	2,844	23	42,097	22							
		Total		488	100	4,833	100	12,245	100	188,339	100							
f. Working effectively with others	pgothers	1	Very little	18	4	361	8	851	8	12,872	8	<b>3.0</b>	2.8 ***	.23	2.9 ***	.19	2.8 ***	.21
		2	Some	103	21	1,301	27	3,281	27	50,487	28							
		3	Quite a bit	214	44	1,939	40	4,745	38	74,080	39							
		4	Very much	151	31	1,225	25	3,331	27	50,498	26							
		Total		486	100	4,826	100	12,208	100	187,937	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	36	7	713	15	1,469	13	22,176	13	<b>2.9</b>	2.6 ***	.36	2.7 ***	.23	2.7 ***	.26
		2	Some	107	22	1,468	30	3,326	28	52,198	28							
		3	Quite a bit	184	38	1,652	34	4,163	33	64,932	34							
		4	Very much	155	32	1,001	21	3,273	26	48,742	24							
		Total		482	100	4,834	100	12,231	100	188,048	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	23	5	614	13	1,244	11	20,603	12	<b>3.1</b>	2.6 ***	.53	2.8 ***	.38	2.7 ***	.43
		2	Some	82	17	1,490	31	3,406	28	54,126	29							
		3	Quite a bit	182	37	1,645	34	4,166	33	64,689	34							
		4	Very much	199	41	1,081	22	3,415	28	48,809	25							
		Total		486	100	4,830	100	12,231	100	188,227	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	36	7	696	15	1,525	13	23,415	13	<b>2.9</b>	2.5 ***	.39	2.6 ***	.28	2.6 ***	.30
		2	Some	127	26	1,702	35	3,922	32	61,764	33							
		3	Quite a bit	176	36	1,622	34	4,139	33	63,891	34							
		4	Very much	146	30	814	17	2,630	21	38,872	20							
		Total		485	100	4,834	100	12,216	100	187,942	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	23	5	739	16	1,534	13	23,707	13	<b>3.1</b>	2.5 ***	.63	2.7 ***	.48	2.6 ***	.52
		2	Some	87	18	1,602	33	3,699	30	59,290	32							
		3	Quite a bit	177	37	1,610	33	4,169	34	63,450	34							
		4	Very much	199	41	856	18	2,761	23	40,768	21							
		Total		486	100	4,807	100	12,163	100	187,215	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### First-Year Students

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>											
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
<b>18. How would you evaluate your entire educational experience at this institution?</b>																					
	evalexp	1	Poor	4	1	71	2	217	2	2,833	2	<b>3.5</b>	▲	3.2 ***	.31	▲	3.2 ***	.36	▲	3.2 ***	.31
		2	Fair	24	5	497	11	1,453	13	19,994	11										
		3	Good	207	43	2,488	51	6,033	49	90,440	49										
		4	Excellent	250	51	1,808	37	4,595	36	75,761	38										
			Total	485	100	4,864	100	12,298	100	189,028	100										
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																					
	sameinst	1	Definitely no	5	1	168	4	504	5	6,628	4	<b>3.6</b>	▲	3.2 ***	.47	▲	3.2 ***	.50	▲	3.2 ***	.45
		2	Probably no	18	4	567	12	1,563	13	22,111	12										
		3	Probably yes	143	30	2,062	42	5,001	41	75,595	41										
		4	Definitely yes	319	65	2,066	42	5,240	41	84,808	43										
			Total	485	100	4,863	100	12,308	100	189,142	100										

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	22	5	230	2	420	2	7,245	2	<b>2.8</b>	3.1 ***	-0.36	3.3 ***	-0.66	3.2 ***	-0.44	
		2	Sometimes	170	36	2,425	26	4,475	17	73,219	22								
		3	Often	160	35	2,957	31	7,189	28	104,456	31								
		4	Very often	114	24	3,985	41	12,432	53	151,301	44								
		Total		466	100	9,597	100	24,516	100	336,221	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	51	12	2,125	22	4,362	16	67,286	20	<b>2.7</b>	2.4 ***	0.33	2.7	0.03	2.5 ***	0.22	
		2	Sometimes	164	35	3,533	38	7,593	30	116,590	34								
		3	Often	128	28	2,254	24	6,276	26	84,261	25								
		4	Very often	124	26	1,642	17	6,180	28	66,596	20								
		Total		467	100	9,554	100	24,411	100	334,733	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	41	9	603	6	1,283	5	19,294	6	<b>2.8</b>	2.9 **	-0.16	3.1 ***	-0.41	3.0 ***	-0.27	
		2	Often	93	21	1,465	16	2,849	11	44,295	14								
		3	Sometimes	248	54	5,533	58	12,738	51	184,313	55								
		4	Never	77	17	1,929	20	7,469	32	85,962	25								
		Total		459	100	9,530	100	24,339	100	333,864	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	184	40	4,290	45	10,814	46	134,729	42	<b>1.9</b>	1.8 **	0.12	1.8 *	0.11	1.9	0.04	
		2	Sometimes	176	38	3,570	38	8,666	35	124,547	37								
		3	Often	71	15	1,008	11	2,916	12	44,726	13								
		4	Very often	35	7	633	7	1,887	8	29,358	8								
		Total		466	100	9,501	100	24,283	100	333,360	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	65	14	957	10	4,032	18	45,254	14	<b>2.3</b>	2.5 ***	-0.24	2.3	0.02	2.4 ***	-0.14	
		2	Sometimes	249	53	4,277	45	11,746	49	150,323	46								
		3	Often	117	26	2,881	30	5,577	21	90,561	27								
		4	Very often	34	8	1,367	14	2,915	11	46,880	14								
		Total		465	100	9,482	100	24,270	100	333,018	100								
f. Explained course material to one or more students	CLexplain	1	Never	19	4	266	3	1,318	6	17,842	5	<b>2.7</b>	2.8 ***	-0.17	2.7	0.01	2.7 *	-0.10	
		2	Sometimes	185	40	3,288	36	9,659	42	117,837	37								
		3	Often	184	40	3,728	40	8,177	33	121,180	37								
		4	Very often	69	15	2,006	22	4,641	19	69,922	21								
		Total		457	100	9,288	100	23,795	100	326,781	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	56	12	1,329	14	5,262	24	59,357	19	<b>2.6</b>	2.5 *	.10	2.3 ***	.28	2.5 ***	.16	
		2	Sometimes	154	34	3,462	38	8,399	35	115,528	36								
		3	Often	152	33	2,611	28	5,819	23	87,756	26								
		4	Very often	96	21	1,867	20	4,350	18	64,350	19								
		Total		458	100	9,269	100	23,830	100	326,991	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	26	6	351	4	1,276	5	21,903	7	<b>3.0</b>	3.0	.02	3.1 *	-.12	2.9 **	.12	
		2	Sometimes	109	24	2,493	27	6,093	23	95,709	29								
		3	Often	161	36	3,356	36	7,525	30	112,021	34								
		4	Very often	154	34	3,060	33	8,862	42	96,542	30								
		Total		450	100	9,260	100	23,756	100	326,175	100								
i. Gave a course presentation	present	1	Never	26	6	676	8	3,206	15	38,711	12	<b>3.0</b>	2.8 ***	.24	2.7 ***	.29	2.7 ***	.34	
		2	Sometimes	113	25	2,881	32	6,657	27	101,417	32								
		3	Often	148	31	3,122	34	7,200	29	103,190	31								
		4	Very often	172	38	2,523	27	6,609	29	81,645	25								
		Total		459	100	9,202	100	23,672	100	324,963	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	18	4	236	3	740	3	9,181	3	<b>2.9</b>	3.0 ***	-.20	3.0 ***	-.17	3.0 ***	-.17	
		2	Sometimes	121	27	2,101	24	5,816	25	79,488	25								
		3	Often	212	47	3,588	40	8,858	37	125,972	39								
		4	Very often	103	22	3,121	34	8,007	35	106,684	33								
		Total		454	100	9,046	100	23,421	100	321,325	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	28	7	473	6	1,194	5	17,505	6	<b>2.8</b>	2.9	-.05	3.0 ***	-.17	2.9	-.06	
		2	Sometimes	133	30	2,636	30	6,115	26	92,699	30								
		3	Often	170	37	3,253	36	8,337	35	115,302	36								
		4	Very often	115	25	2,560	28	7,429	33	92,128	28								
		Total		446	100	8,922	100	23,075	100	317,634	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	79	18	949	12	1,929	8	30,983	11	<b>2.4</b>	2.6 ***	-.21	2.8 ***	-.41	2.7 ***	-.26	
		2	Sometimes	174	39	3,107	36	7,129	30	106,361	34								
		3	Often	106	23	2,804	31	7,669	33	102,101	31								
		4	Very often	89	20	2,070	22	6,448	29	78,537	24								
		Total		448	100	8,930	100	23,175	100	317,982	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																		
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	35	8	419	5	820	3	13,265	4	<b>2.8</b>	2.8 *	-10	3.0 ***	-.27	2.9 **	-.14			
		2	Sometimes	127	28	2,733	31	6,116	25	91,770	29								▽	▽	▽
		3	Often	194	43	3,586	40	9,471	41	130,048	41										
		4	Very often	90	20	2,192	24	6,732	31	82,451	26										
		Total		446	100	8,930	100	23,139	100	317,534	100										
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	20	5	308	4	601	3	9,900	3	<b>2.9</b>	2.9	.02	3.1 **	-.13	3.0	-.01			
		2	Sometimes	103	24	2,434	28	5,483	23	82,390	26										
		3	Often	196	44	3,635	41	9,600	41	132,305	41										
		4	Very often	122	28	2,516	28	7,400	33	92,333	29										
		Total		441	100	8,893	100	23,084	100	316,928	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	7	2	188	2	409	2	6,185	2	<b>3.0</b>	3.0	.08	3.0	-.02	3.0	.07			
		2	Sometimes	112	25	2,453	28	5,994	25	85,630	28										
		3	Often	187	42	3,683	41	9,438	40	132,431	42										
		4	Very often	136	31	2,552	28	7,195	32	91,708	29										
		Total		442	100	8,876	100	23,036	100	315,954	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	9	2	90	1	185	1	3,001	1	<b>3.2</b>	3.2	-.05	3.3 ***	-.16	3.3	-.07			
		2	Sometimes	68	15	1,280	15	3,142	13	45,104	15										
		3	Often	187	42	3,705	42	9,110	39	130,918	42										
		4	Very often	177	40	3,743	41	10,474	47	135,482	42										
		Total		441	100	8,818	100	22,911	100	314,505	100										
<b>3. During the current school year, about how often have you done the following?</b>																					
a. Talked about career plans with a faculty member	SFcareer	1	Never	72	17	1,507	18	4,387	21	54,191	18	<b>2.5</b>	2.4 **	.15	2.4 ***	.18	2.4 **	.13			
		2	Sometimes	151	34	3,589	41	8,912	39	122,412	39								△	△	△
		3	Often	119	27	2,205	25	5,592	23	79,202	24										
		4	Very often	102	22	1,534	17	4,090	17	59,896	18										
		Total		444	100	8,835	100	22,981	100	315,701	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	113	26	3,945	45	11,432	53	137,650	46	<b>2.3</b>	1.9 ***	.42	1.8 ***	.54	1.9 ***	.41			
		2	Sometimes	134	30	2,577	29	5,845	24	90,244	28								▲	▲	▲
		3	Often	114	26	1,257	14	3,192	13	48,574	15										
		4	Very often	80	17	1,030	12	2,453	10	38,098	12										
		Total		441	100	8,809	100	22,922	100	314,566	100										

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>											
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	96	22	2,122	24	7,435	36	80,143	27	<b>2.3</b>	2.2 **	.13	2.0 ***	.30	2.2 **	.14			
		2	Sometimes	168	38	3,728	43	8,380	35	125,003	40								Δ	Δ	Δ
		3	Often	108	24	1,870	21	4,367	18	67,782	21										
		4	Very often	70	16	1,081	12	2,708	11	41,366	13										
		Total		442	100	8,801	100	22,890	100	314,294	100										
d. Discussed your academic performance with a faculty member	SFperform	1	Never	112	26	2,045	24	5,151	23	69,850	23	<b>2.2</b>	2.2	.05	2.2	.00	2.2	.01			
		2	Sometimes	169	39	3,880	44	9,946	43	137,943	44										
		3	Often	101	23	1,864	21	4,865	21	67,067	21										
		4	Very often	58	13	993	11	2,873	13	38,574	12										
		Total		440	100	8,782	100	22,835	100	313,434	100										
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																					
a. Memorizing course material	memorize	1	Very little	32	7	668	7	2,542	12	29,508	9	<b>3.0</b>	2.8 ***	.20	2.6 ***	.35	2.7 ***	.27			
		2	Some	91	21	2,614	30	7,244	32	98,040	31								Δ	▲	Δ
		3	Quite a bit	168	38	3,372	38	8,072	34	115,630	37										
		4	Very much	150	34	2,155	25	5,064	21	71,248	23										
		Total		441	100	8,809	100	22,922	100	314,426	100										
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	20	5	220	3	563	2	8,169	3	<b>3.1</b>	3.1	.01	3.2	-.07	3.1	-.01			
		2	Some	63	15	1,533	18	3,667	16	53,418	17										
		3	Quite a bit	185	42	3,708	43	9,464	41	132,426	42										
		4	Very much	170	38	3,306	37	9,108	40	118,991	38										
		Total		438	100	8,767	100	22,802	100	313,004	100										
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	13	3	327	4	674	3	10,159	3	<b>3.2</b>	3.1 *	.10	3.2	.01	3.1	.09			
		2	Some	69	16	1,625	19	3,912	17	58,228	19								Δ		
		3	Quite a bit	173	39	3,536	41	9,033	39	125,818	40										
		4	Very much	184	41	3,255	37	9,168	41	118,102	37										
		Total		439	100	8,743	100	22,787	100	312,307	100										
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	16	4	487	6	894	4	14,958	5	<b>3.1</b>	2.9 ***	.18	3.1	-.01	3.0 **	.13			
		2	Some	85	20	2,048	24	4,531	19	70,554	23								Δ		Δ
		3	Quite a bit	169	38	3,506	40	9,110	40	125,869	40										
		4	Very much	167	38	2,696	30	8,244	37	100,963	32										
		Total		437	100	8,737	100	22,779	100	312,344	100										

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	23	6	427	5	866	4	13,320	5	3.1	3.0 *	.10	3.1	-.05	3.0	.06	
		2	Some	87	20	2,005	23	4,635	20	70,037	23								
		3	Quite a bit	166	37	3,627	42	9,244	41	127,857	41								
		4	Very much	159	37	2,652	30	7,934	36	100,333	32								
		Total		435	100	8,711	100	22,679	100	311,547	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	3	145	2	529	3	5,859	2	3.2	3.2	-.01	3.2	.00	3.2	.02	
		2	Some	61	14	1,244	14	3,532	16	47,323	15								
		3	Quite a bit	187	42	3,815	43	9,223	39	134,442	42								
		4	Very much	186	41	3,601	41	9,651	43	126,957	40								
		Total		446	100	8,805	100	22,935	100	314,581	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	3	196	2	692	3	7,302	3	3.1	3.2	-.08	3.2	-.09	3.2	-.07	
		2	Some	85	19	1,379	16	3,689	16	50,333	16								
		3	Quite a bit	193	44	3,953	45	9,602	41	139,061	44								
		4	Very much	157	35	3,250	37	8,897	40	116,987	37								
		Total		446	100	8,778	100	22,880	100	313,683	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	21	5	181	2	917	5	9,327	3	3.1	3.2	-.09	3.1	.03	3.2	-.03	
		2	Some	69	16	1,388	16	4,223	19	53,262	17								
		3	Quite a bit	175	39	3,472	40	8,509	36	123,405	39								
		4	Very much	176	40	3,719	42	9,175	40	126,996	40								
		Total		441	100	8,760	100	22,824	100	312,990	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	54	13	844	10	2,556	12	31,433	11	2.7	2.8 *	-.11	2.8 **	-.15	2.8 *	-.11	
		2	Some	127	29	2,449	28	5,793	25	84,627	28								
		3	Quite a bit	155	35	2,981	34	7,138	30	103,369	33								
		4	Very much	105	23	2,482	28	7,316	33	93,464	29								
		Total		441	100	8,756	100	22,803	100	312,893	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	39	9	595	7	1,434	6	19,908	7	2.8	2.9	-.09	3.0 ***	-.21	2.9 *	-.11	
		2	Some	130	29	2,263	26	5,443	23	78,877	26								
		3	Quite a bit	149	33	3,368	38	8,222	36	119,438	38								
		4	Very much	123	28	2,486	28	7,628	35	93,489	30								
		Total		441	100	8,712	100	22,727	100	311,712	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>							
		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	53	12	1,270	14	3,140	13	43,344	13	<b>2.8</b>	2.6 ***	.23	2.6 ***	.20	2.6 ***	.20	
		2	Sometimes	101	22	2,949	33	7,563	32	103,505	32								
		3	Often	166	38	2,751	32	7,388	33	100,395	33								
		4	Very often	125	28	1,815	21	4,810	22	66,823	22								
			Total	445	100	8,785	100	22,901	100	314,067	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	89	20	1,821	20	4,249	18	60,943	19	<b>2.6</b>	2.4 ***	.18	2.5 *	.12	2.4 **	.16	
		2	Sometimes	124	28	3,206	36	8,369	36	115,653	36								
		3	Often	119	27	2,310	27	6,367	28	84,641	27								
		4	Very often	112	26	1,426	17	3,848	18	52,179	17								
			Total	444	100	8,763	100	22,833	100	313,416	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	96	21	1,638	18	4,139	17	57,007	18	<b>2.4</b>	2.4	.02	2.4	.02	2.4	.02	
		2	Sometimes	139	31	3,294	37	8,757	38	118,622	38								
		3	Often	129	30	2,404	28	6,422	28	88,048	28								
		4	Very often	78	18	1,413	16	3,476	16	48,875	16								
			Total	442	100	8,749	100	22,794	100	312,552	100								
<b>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.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	32	8	429	6	934	4	14,434	6	<b>6.7</b>	7.4 *	-.11	9.3 ***	-.35	7.8 ***	-.17	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	89	23	1,524	20	3,379	15	52,029	19								
		4	3-5	118	30	2,289	29	5,386	25	78,385	28								
		8	6-10	73	19	1,767	22	4,465	21	63,672	22								
		13	11-15	32	8	805	10	2,307	11	31,761	11								
		18	16-20	12	3	513	6	1,495	8	18,868	6								
		23	More than 20	34	9	635	8	2,686	15	27,585	9								
			Total	390	100	7,962	100	20,652	100	286,734	100								
b. Between 6 and 10 pages	wrmednum	0	None	69	17	1,595	21	3,688	18	55,245	21	<b>4.3</b>	3.3 ***	.26	5.1 ***	-.14	3.6 **	.15	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	114	28	2,922	37	6,473	30	99,826	35								
		4	3-5	137	34	2,086	26	5,224	24	76,283	26								
		8	6-10	50	12	854	11	2,814	14	33,895	12								
		13	11-15	15	4	220	3	1,040	6	10,136	4								
		18	16-20	10	2	89	1	558	3	4,157	2								
		23	More than 20	9	2	67	1	719	5	3,693	1								
			Total	404	100	7,833	100	20,516	100	283,235	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	88	22	3,238	42	8,097	41	114,807	42	<b>3.7</b>	1.8 *** ▲	.58	2.6 *** ▲	.24	2.0 *** ▲	.47	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	154	38	3,041	39	7,153	34	107,346	38								
		4	3-5	78	20	909	12	2,693	13	34,936	12								
		8	6-10	46	12	283	4	981	5	10,628	4								
		13	11-15	16	4	106	1	451	3	4,368	2								
		18	16-20	5	1	45	1	271	2	2,144	1								
		23	More than 20	10	3	52	1	385	2	3,018	1								
		Total		397	100	7,674	100	20,031	100	277,247	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>104.2</b>	73.6 *** ▲	.39	102.6	.01	79.1 *** ▲	.29	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	28	6	366	4	828	4	14,246	5	<b>3.0</b>	3.1 ** ▼	-.15	3.2 *** ▼	-.27	3.1 ** ▼	-.14	
		2	Sometimes	119	28	1,915	22	4,281	19	69,519	22								
		3	Often	107	26	2,296	28	5,910	27	83,262	28								
		4	Very often	172	40	3,654	45	10,624	51	130,549	45								
			Total	426	100	8,231	100	21,643	100	297,576	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	2	310	4	784	4	11,810	4	<b>3.3</b>	3.1 *** ▲	.23	3.2 ** ▲	.13	3.1 *** ▲	.23	
		2	Sometimes	54	13	1,760	21	4,197	19	63,738	21								
		3	Often	150	35	2,747	33	6,681	30	97,362	33								
		4	Very often	211	50	3,385	42	9,931	47	123,902	42								
			Total	424	100	8,202	100	21,593	100	296,812	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	7	2	398	5	1,157	5	17,881	6	<b>3.4</b>	3.1 *** ▲	.30	3.1 *** ▲	.28	3.0 *** ▲	.35	
		2	Sometimes	55	12	1,831	22	5,002	22	74,217	24								
		3	Often	133	32	2,467	30	6,138	28	86,119	29								
		4	Very often	228	54	3,495	43	9,239	45	117,799	41								
			Total	423	100	8,191	100	21,536	100	296,016	100								
d. People with political views other than your own	DDpolitical	1	Never	6	1	402	5	1,043	5	15,361	5	<b>3.4</b>	3.1 *** ▲	.40	3.1 *** ▲	.34	3.1 *** ▲	.41	
		2	Sometimes	45	11	1,842	23	4,677	21	71,238	23								
		3	Often	127	30	2,559	31	6,565	30	91,846	31								
		4	Very often	241	58	3,356	41	9,171	44	116,475	40								
			Total	419	100	8,159	100	21,456	100	294,920	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	9	2	172	2	304	1	5,203	2	<b>3.2</b>	3.2	-.05	3.4 ***	-.20	3.3	-.08	
		2	Sometimes	68	17	1,266	16	2,782	13	42,994	15								
		3	Often	168	40	3,118	38	7,837	35	112,399	38								
		4	Very often	178	41	3,637	44	10,608	51	135,628	45								
		Total		423	100	8,193	100	21,531	100	296,224	100								
b. Reviewed your notes after class	LSnotes	1	Never	30	7	571	7	1,443	7	21,654	7	<b>2.8</b>	2.9 *	-.11	3.0 ***	-.23	2.9 **	-.14	
		2	Sometimes	156	37	2,508	31	5,784	26	87,112	29								
		3	Often	118	29	2,483	30	6,647	31	90,532	31								
		4	Very often	115	27	2,598	31	7,583	36	96,027	33								
		Total		419	100	8,160	100	21,457	100	295,325	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	54	13	589	8	1,173	5	19,492	7	<b>2.7</b>	2.9 ***	-.19	3.0 ***	-.40	2.9 ***	-.25	
		2	Sometimes	131	32	2,332	29	5,261	23	81,174	28								
		3	Often	123	30	2,739	34	7,350	34	100,367	34								
		4	Very often	107	25	2,424	29	7,501	37	91,338	31								
		Total		415	100	8,084	100	21,285	100	292,371	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
	challenge	1	Not at all	1	0	36	1	133	1	1,543	1	<b>5.6</b>	5.6	-.05	5.8 ***	-.20	5.7	-.09	
		2		7	2	78	1	229	1	3,348	1								
		3		12	3	207	3	532	3	7,975	3								
		4		57	14	704	9	1,617	8	23,562	8								
		5		111	27	2,278	28	5,226	23	79,552	27								
		6		104	24	2,831	34	6,648	30	96,319	32								
		7	Very much	131	30	2,009	24	7,079	35	82,835	28								
		Total		423	100	8,143	100	21,464	100	295,134	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	42	10	506	7	2,148	12	21,582	8	<b>57%</b>	53%	.07	41% ***	.31	50% **	.14	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	60	14	1,209	15	4,741	24	53,647	19								
			Plan to do	80	19	1,986	25	4,897	23	65,793	23								
			Done or in progress	240	57	4,461	53	9,710	41	154,352	50								
			Total	422	100	8,162	100	21,496	100	295,374	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
			UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. 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	60	14	705	9	2,577	13	28,510	10	<b>52%</b>	35% *** ▲	.35	30% *** ▲	.47	36% *** ▲	.33
		Do not plan to do	103	24	3,933	48	10,143	49	133,001	46							
		Plan to do	40	10	554	7	1,709	8	20,642	7							
		Done or in progress	219	52	2,949	35	7,009	30	112,455	36							
		Total	422	100	8,141	100	21,438	100	294,608	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	93	23	943	12	2,917	15	34,678	12	<b>34%</b>	23% *** ▲	.25	23% *** ▲	.25	24% *** ▲	.21
		Do not plan to do	125	29	4,664	57	11,235	53	160,350	55							
		Plan to do	58	14	595	8	1,985	10	24,061	9							
		Done or in progress	145	34	1,916	23	5,233	23	74,908	24							
		Total	421	100	8,118	100	21,370	100	293,997	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	140	33	911	12	2,666	14	32,044	12	<b>10%</b>	12%	-.05	11%	-.02	14% * ▼	-.12
		Do not plan to do	149	36	5,670	70	14,458	68	195,119	67							
		Plan to do	86	21	509	7	1,594	8	20,329	7							
		Done or in progress	43	10	1,017	12	2,630	11	46,288	14							
		Total	418	100	8,107	100	21,348	100	293,780	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	58	14	1,188	15	3,535	18	41,313	15	<b>58%</b>	23% *** ▲	.74	18% *** ▲	.87	24% *** ▲	.71
		Do not plan to do	57	14	4,009	49	11,058	53	142,350	48							
		Plan to do	55	14	1,031	13	2,507	12	34,098	13							
		Done or in progress	247	58	1,844	23	4,171	18	74,698	24							
		Total	417	100	8,072	100	21,271	100	292,459	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	8	722	10	2,391	12	25,790	9	<b>62%</b>	48% *** ▲	.27	40% *** ▲	.44	46% *** ▲	.31
		Do not plan to do	57	13	1,650	20	4,959	24	60,946	21							
		Plan to do	71	17	1,760	22	4,946	23	65,124	23							
		Done or in progress	256	62	3,972	48	9,050	40	141,559	46							
		Total	420	100	8,104	100	21,346	100	293,419	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																	
	servcourse	1 None	180	43	2,994	39	7,795	39	109,624	39	<b>1.7</b>	1.7 * ▼	-.10	1.8 ** ▼	-.14	1.7 * ▼	-.10
		2 Some	210	50	4,228	51	10,913	49	151,090	50							
		3 Most	24	5	775	9	2,196	10	28,234	9							
		4 All	8	2	103	1	447	2	4,475	1							
		Total	422	100	8,100	100	21,351	100	293,423	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	2	0	69	1	228	1	2,991	1	<b>6.1</b>	5.7 ***	.30	5.7 ***	.27	5.7 ***	.29	
		2		4	1	131	2	342	2	4,396	2								
		3		10	2	288	4	776	4	10,345	4								
		4		15	3	675	8	1,740	8	23,912	8								
		5		68	16	1,761	22	4,501	21	61,609	21								
		6		133	31	2,543	31	6,289	29	89,959	30								
		7	Excellent	191	45	2,659	32	7,388	35	98,507	33								
		—	Not applicable	0	0	26	0	210	1	3,484	1								
			Total	423	100	8,152	100	21,474	100	295,203	100								
b. Academic advisors	QIadvisor	1	Poor	22	5	452	5	987	5	14,191	5	<b>4.8</b>	5.0	-.07	5.4 ***	-.32	5.2 ***	-.19	
		2		28	7	511	6	1,025	4	15,331	5								
		3		46	11	709	8	1,436	6	21,189	7								
		4		67	16	1,126	14	2,318	10	33,900	12								
		5		72	17	1,530	19	3,447	15	50,764	17								
		6		70	17	1,627	20	4,449	21	62,350	21								
		7	Excellent	101	24	2,037	25	7,490	37	92,659	31								
		—	Not applicable	16	4	146	2	269	1	4,272	2								
			Total	422	100	8,138	100	21,421	100	294,656	100								
c. Faculty	QIfaculty	1	Poor	13	3	108	2	338	2	3,970	2	<b>5.2</b>	5.5 ***	-.25	5.6 ***	-.32	5.6 ***	-.27	
		2		13	3	166	2	438	2	5,786	2								
		3		35	8	341	5	823	4	12,084	4								
		4		60	14	758	10	1,956	9	28,238	10								
		5		98	23	1,864	23	4,406	20	62,445	21								
		6		98	23	2,613	32	6,447	30	91,854	31								
		7	Excellent	105	25	2,185	27	6,681	32	86,327	29								
		—	Not applicable	2	0	48	1	216	1	2,198	1								
			Total	424	100	8,083	100	21,305	100	292,902	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	23	6	377	5	1,120	5	14,470	5	4.6	4.8 *	-.14	4.9 **	-.17	4.9 **	-.14	
		2		23	6	387	5	1,012	5	14,469	5								
		3		45	11	600	8	1,331	6	20,864	7								
		4		66	15	983	12	2,318	10	36,870	12								
		5		67	16	1,549	19	3,462	15	53,021	18								
		6		57	13	1,538	19	3,563	16	53,804	18								
		7	Excellent	68	16	1,255	15	3,693	18	49,433	16								
		—	Not applicable	71	17	1,424	18	4,853	26	50,657	18								
	Total			420	100	8,113	100	21,352	100	293,588	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	23	6	471	6	1,278	6	16,337	6	4.6	4.7	-.05	5.0 ***	-.21	4.8 *	-.11	
		2		35	8	492	6	1,248	6	17,375	6								
		3		44	11	695	9	1,668	7	24,996	9								
		4		75	17	1,279	16	2,814	12	43,077	15								
		5		84	20	1,795	22	4,052	18	60,592	20								
		6		72	17	1,702	21	4,367	20	61,937	21								
		7	Excellent	75	18	1,235	15	4,880	25	56,396	19								
		—	Not applicable	14	3	453	6	1,090	5	13,325	5								
	Total			422	100	8,122	100	21,397	100	294,035	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	1	127	2	468	3	5,407	2	3.4	3.2 ***	.22	3.2 ***	.27	3.2 ***	.26	
		2	Some	45	11	1,099	14	3,287	16	42,894	16								
		3	Quite a bit	145	36	3,425	45	8,773	43	122,170	44								
		4	Very much	209	52	3,014	40	7,865	39	110,451	38								
			Total			403	100	7,665	100	20,393	100								280,922
b. Providing support to help students succeed academically	SEacademic	1	Very little	39	10	341	5	1,055	6	12,815	5	2.7	3.0 ***	-.39	3.0 ***	-.39	3.0 ***	-.37	
		2	Some	134	33	1,635	22	4,446	22	60,555	23								
		3	Quite a bit	157	39	3,262	43	8,178	40	115,587	41								
		4	Very much	74	18	2,372	31	6,558	33	90,055	31								
			Total			404	100	7,610	100	20,237	100								279,012
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	58	15	601	8	1,609	8	22,412	9	2.6	2.9 ***	-.33	3.0 ***	-.41	2.9 ***	-.32	
		2	Some	125	30	1,817	25	4,572	22	66,190	24								
		3	Quite a bit	144	36	2,838	37	7,389	36	103,712	37								
		4	Very much	76	19	2,364	30	6,697	35	86,974	30								
			Total			403	100	7,620	100	20,267	100								279,288

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	70	18	1,252	17	3,011	15	43,498	16	<b>2.6</b>	2.5	.03	2.7 **	-.15	2.6	-.04	
		2	Some	122	30	2,580	33	5,720	27	88,334	31								
		3	Quite a bit	126	32	2,291	30	6,210	30	84,488	30								
		4	Very much	84	21	1,502	20	5,377	28	63,474	23								
		Total		402	100	7,625	100	20,318	100	279,794	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	41	10	513	7	2,174	13	22,569	9	<b>2.8</b>	2.9 ***	-.18	2.8	-.02	2.9 *	-.12	
		2	Some	115	28	1,800	24	5,155	26	68,482	25								
		3	Quite a bit	149	37	2,932	38	7,108	33	105,049	37								
		4	Very much	96	24	2,368	30	5,863	28	83,483	29								
		Total		401	100	7,613	100	20,300	100	279,583	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	51	13	660	9	2,978	17	29,809	11	<b>2.7</b>	2.9 ***	-.23	2.6	.03	2.8 *	-.11	
		2	Some	123	31	1,745	24	5,404	27	70,779	26								
		3	Quite a bit	130	33	2,770	36	6,582	31	100,437	36								
		4	Very much	94	24	2,408	31	5,234	25	77,311	27								
		Total		398	100	7,583	100	20,198	100	278,336	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	108	27	2,540	34	6,834	34	90,303	34	<b>2.2</b>	2.1 **	.16	2.1 *	.10	2.1 **	.14	
		2	Some	138	34	2,716	35	6,659	32	96,754	34								
		3	Quite a bit	103	27	1,512	20	4,060	20	58,047	20								
		4	Very much	47	12	806	11	2,645	14	33,115	12								
		Total		396	100	7,574	100	20,198	100	278,219	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	42	10	933	13	4,498	27	38,510	15	<b>2.7</b>	2.6 *	.10	2.4 ***	.31	2.7	.08	
		2	Some	118	30	2,348	31	5,257	25	75,925	28								
		3	Quite a bit	142	35	2,669	35	6,088	28	95,817	34								
		4	Very much	95	24	1,606	21	4,283	20	67,206	23								
		Total		397	100	7,556	100	20,126	100	277,458	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	67	17	1,268	18	4,806	27	49,828	19	<b>2.5</b>	2.4 *	.12	2.3 ***	.23	2.4 *	.11	
		2	Some	121	31	2,808	37	6,455	31	95,653	35								
		3	Quite a bit	137	34	2,297	30	5,389	25	83,514	29								
		4	Very much	70	18	1,178	15	3,459	16	47,945	17								
		Total		395	100	7,551	100	20,109	100	276,940	100								

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>							
		UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	14	0	67	0	886	0	<b>13.0</b>	14.6 ***	-0.18	15.0 ***	-0.23	15.0 ***	-0.22	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	100	26	1,056	14	2,850	14	37,166	14								
		8	6-10 hrs	88	22	1,867	25	4,858	23	64,819	23								
		13	11-15 hrs	67	17	1,584	21	3,883	19	55,095	20								
		18	16-20 hrs	56	15	1,234	16	3,526	18	48,485	17								
		23	21-25 hrs	31	8	796	10	2,204	11	30,180	11								
		28	26-30 hrs	18	4	484	6	1,359	7	19,126	7								
		33	More than 30 hrs	30	8	541	7	1,536	8	23,419	8								
	Total			391	100	7,576	100	20,283	100	279,176	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	119	30	3,221	43	10,318	56	119,370	45	<b>5.1</b>	4.5	.09	3.7 ***	.22	4.5	.08	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	145	36	2,349	30	5,131	23	80,467	28								
		8	6-10 hrs	76	21	904	12	2,150	10	34,805	12								
		13	11-15 hrs	32	9	470	6	1,068	5	18,655	6								
		18	16-20 hrs	9	2	289	4	700	3	11,672	4								
		23	21-25 hrs	5	1	150	2	384	2	5,984	2								
		28	26-30 hrs	2	0	77	1	172	1	2,816	1								
		33	More than 30 hrs	4	1	83	1	247	1	3,866	1								
	Total			392	100	7,543	100	20,170	100	277,635	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	263	67	5,767	77	15,481	80	192,957	72	<b>4.3</b>	3.1 **	.18	2.9 ***	.21	3.7	.08	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	4	294	4	704	3	14,558	4								
		8	6-10 hrs	44	11	505	6	1,224	5	25,512	8								
		13	11-15 hrs	30	8	415	5	1,016	4	17,766	6								
		18	16-20 hrs	26	7	299	4	1,001	5	16,638	6								
		23	21-25 hrs	3	1	145	2	370	2	4,735	2								
		28	26-30 hrs	2	0	42	1	131	1	2,056	1								
		33	More than 30 hrs	9	2	87	1	281	1	3,898	1								
	Total			393	100	7,554	100	20,208	100	278,120	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	251	63	2,961	40	8,023	38	127,523	45	<b>5.5</b>	12.1 ***	-.53	15.1 ***	-.67	12.0 ***	-.49	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	8	417	5	838	4	14,284	5								
	8	6-10 hrs	28	7	557	7	1,166	5	17,050	6									
	13	11-15 hrs	15	4	589	8	1,125	5	17,077	6									
	18	16-20 hrs	28	8	763	10	1,455	7	22,052	8									
	23	21-25 hrs	16	4	696	9	1,192	6	17,140	6									
	28	26-30 hrs	10	3	510	6	881	4	12,839	5									
	33	More than 30 hrs	11	3	1,034	14	5,413	31	48,675	19									
Total				392	100	7,527	100	20,093	100	276,640	100								
Estimated number of hours working for pay	tmworkhrs	(Continuous variable created by NSSE)										<b>9.7</b>	15.0 ***	-.42	17.8 ***	-.57	15.5 ***	-.44	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	198	51	3,617	50	9,452	48	131,929	49	<b>2.8</b>	3.0	-.05	3.3 *	-.09	3.1	-.05	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	139	36	2,647	34	7,232	35	101,388	35								
	8	6-10 hrs	32	8	643	8	1,741	9	22,354	8									
	13	11-15 hrs	6	1	264	4	727	3	9,041	3									
	18	16-20 hrs	9	3	151	2	411	2	5,354	2									
	23	21-25 hrs	2	0	64	1	200	1	2,376	1									
	28	26-30 hrs	0	0	38	0	92	0	1,168	0									
33	More than 30 hrs	3	1	54	1	195	1	2,218	1										
Total				389	100	7,478	100	20,050	100	275,828	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	8	2	166	2	763	4	7,789	3	<b>10.1</b>	11.3 **	-.14	9.8	.04	10.7	-.08	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	136	34	1,940	25	6,443	33	78,301	28								
	8	6-10 hrs	112	28	2,122	28	5,514	27	77,745	28									
	13	11-15 hrs	52	14	1,459	19	3,293	16	49,333	18									
	18	16-20 hrs	43	12	894	12	2,031	10	30,921	11									
	23	21-25 hrs	15	4	419	6	887	4	14,464	5									
	28	26-30 hrs	6	2	200	3	438	2	6,891	3									
33	More than 30 hrs	18	5	330	5	765	4	11,483	4										
Total				390	100	7,530	100	20,134	100	276,927	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>													
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with									
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																				
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	230	59	5,085	68	10,935	50	177,205	63	4.4	4.6	-.02	10.0 ***	-.42	6.5 ***	-.19					
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	19	916	12	2,138	10	28,470	11												
	8	6-10 hrs	33	8	371	5	1,206	6	13,764	5													
	13	11-15 hrs	18	4	219	3	720	4	8,637	3													
	18	16-20 hrs	8	2	156	2	671	4	7,432	3													
	23	21-25 hrs	9	3	99	1	455	3	4,406	2													
	28	26-30 hrs	2	1	69	1	369	2	3,609	1													
	33	More than 30 hrs	17	4	590	8	3,561	21	32,811	12													
	Total			391	100	7,505	100	20,055	100	276,334	100												
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	16	4	586	7	6,206	36	64,737	21	6.0	5.2 **	.17	4.1 ***	.34	4.6 ***	.28					
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	228	58	4,747	62	9,220	41	147,083	53												
	8	6-10 hrs	106	27	1,522	21	2,857	14	42,420	16													
	13	11-15 hrs	21	5	407	6	933	5	12,533	5													
	18	16-20 hrs	10	3	130	2	396	2	4,764	2													
	23	21-25 hrs	4	1	56	1	167	1	2,095	1													
	28	26-30 hrs	0	0	37	0	110	1	1,181	0													
	33	More than 30 hrs	8	2	62	1	256	1	2,694	1													
	Total			393	100	7,547	100	20,145	100	277,507	100												
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																							
reading	1	Very little	31	8	814	13	1,038	11	19,379	12	3.0	2.9	.02	3.0	-.04	2.9	.01						
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	91	24	1,654	27	2,402	25	41,598								26					
	3	About half	146	38	1,616	26	2,773	28	45,009	27													
	4	Most	95	24	1,448	24	2,489	25	40,502	24													
	5	Almost all	25	6	670	11	1,083	11	18,162	11													
		Total			388	100	6,202	100	9,785	100								164,650	100				
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																6.7	7.2	-.07	7.3	-.09	7.4 *	-.10

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
	tmreadinghrscol	1	0 hrs	1	0	10	0	28	0	535	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	194	51	2,944	48	4,437	47	72,143	46								
		3	More than 5, up to 10 hrs	104	27	1,768	29	2,895	29	49,555	30								
		4	More than 10, up to 15 hrs	44	11	661	11	1,060	10	18,437	11								
		5	More than 15, up to 20 hrs	20	5	377	6	632	6	11,147	6								
		6	More than 20, up to 25 hrs	16	4	273	4	457	4	8,231	5								
		7	More than 25 hrs	7	2	125	2	216	2	3,672	2								
			Total	386	100	6,158	100	9,725	100	163,720	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	14	4	431	6	1,027	5	15,763	6	<b>3.3</b>	▲	3.0 ***	.31	3.2 **	.16	3.1 ***	.30
		2	Some	47	12	1,517	20	3,553	17	55,182	20								
		3	Quite a bit	127	32	2,805	37	6,959	33	100,406	36								
		4	Very much	203	52	2,813	37	8,680	45	107,179	38								
			Total	391	100	7,566	100	20,219	100	278,530	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	10	2	507	7	1,658	9	21,265	8	<b>3.3</b>	▲	3.0 ***	.41	3.0 ***	.38	2.9 ***	.43
		2	Some	51	14	1,651	22	4,359	21	61,879	23								
		3	Quite a bit	121	31	2,824	37	6,785	33	99,914	36								
		4	Very much	209	53	2,563	34	7,335	37	94,527	33								
			Total	391	100	7,545	100	20,137	100	277,585	100								
c. Thinking critically and analytically	pgthink	1	Very little	3	1	196	3	470	3	6,398	3	<b>3.6</b>	▲	3.3 ***	.31	3.3 ***	.26	3.3 ***	.30
		2	Some	22	6	897	12	2,378	12	33,111	13								
		3	Quite a bit	119	30	2,751	36	7,020	34	98,448	35								
		4	Very much	246	63	3,683	49	10,263	52	139,462	49								
			Total	390	100	7,527	100	20,131	100	277,419	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	13	3	884	11	2,361	11	32,528	11	<b>3.3</b>	▲	2.8 ***	.45	2.8 ***	.46	2.8 ***	.45
		2	Some	65	16	2,084	27	5,576	27	75,270	27								
		3	Quite a bit	122	31	2,278	31	6,212	31	85,550	31								
		4	Very much	193	49	2,293	31	6,003	31	84,027	31								
			Total	393	100	7,539	100	20,152	100	277,375	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	36	9	674	9	1,653	8	23,035	9	<b>3.0</b>	2.9	.06	3.0	-.02	3.0	.04	
		2	Some	83	22	1,662	22	4,213	21	61,432	22								
		3	Quite a bit	115	30	2,486	33	6,520	32	90,803	32								
		4	Very much	156	40	2,735	36	7,790	39	102,611	36								
		Total		390	100	7,557	100	20,176	100	277,881	100								
f. Working effectively with others	pgothers	1	Very little	10	3	356	5	961	5	14,089	6	<b>3.3</b>	3.1 ***	.29	3.1 ***	.23	3.0 ***	.32	
		2	Some	47	13	1,488	20	3,923	19	56,788	21								
		3	Quite a bit	134	33	2,746	36	7,090	34	101,295	36								
		4	Very much	201	52	2,935	38	8,125	42	104,932	37								
		Total		392	100	7,525	100	20,099	100	277,104	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	26	7	971	14	2,122	11	31,220	13	<b>3.2</b>	2.8 ***	.39	2.9 ***	.23	2.8 ***	.33	
		2	Some	70	19	1,950	26	4,527	22	66,481	25								
		3	Quite a bit	111	27	2,353	31	6,254	30	87,525	31								
		4	Very much	185	47	2,265	29	7,234	37	92,250	32								
		Total		392	100	7,539	100	20,137	100	277,476	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	27	7	835	12	1,934	10	29,450	11	<b>3.3</b>	2.8 ***	.49	2.9 ***	.33	2.8 ***	.44	
		2	Some	55	14	2,139	28	4,899	23	74,885	27								
		3	Quite a bit	102	26	2,408	32	6,373	31	88,372	31								
		4	Very much	209	53	2,167	28	6,944	36	84,871	30								
		Total		393	100	7,549	100	20,150	100	277,578	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	28	7	781	11	1,914	10	26,321	10	<b>3.2</b>	2.8 ***	.38	2.9 ***	.29	2.8 ***	.36	
		2	Some	64	16	2,055	27	5,137	25	74,658	27								
		3	Quite a bit	116	29	2,561	34	6,753	33	95,008	34								
		4	Very much	185	47	2,145	28	6,327	33	81,398	29								
		Total		393	100	7,542	100	20,131	100	277,385	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	27	7	973	14	2,400	12	34,557	13	<b>3.2</b>	2.7 ***	.54	2.8 ***	.44	2.7 ***	.53	
		2	Some	54	13	2,241	30	5,438	26	79,398	29								
		3	Quite a bit	112	28	2,337	30	6,425	31	88,565	32								
		4	Very much	200	51	1,970	26	5,760	30	73,529	26								
		Total		393	100	7,521	100	20,023	100	276,049	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Puerto Rico-Mayaguez

### Seniors

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UPRM		Comparison Group 1		Carnegie Class		NSSE 2013 & 2014		UPRM		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
evalexp		1	Poor	0	0	135	2	433	2	5,496	2	<b>3.4</b>	3.3 **	.11	3.3 **	.12	3.3 ***	.14
		2	Fair	30	7	731	10	2,128	11	27,683	11							
		3	Good	182	47	3,296	43	8,594	42	120,575	44							
		4	Excellent	177	46	3,415	44	9,079	45	124,830	43							
		Total		389	100	7,577	100	20,234	100	278,584	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																		
sameinst		1	Definitely no	10	3	301	4	1,035	5	12,151	5	<b>3.5</b>	3.3 ***	.26	3.2 ***	.30	3.2 ***	.30
		2	Probably no	33	8	851	11	2,552	13	33,904	12							
		3	Probably yes	106	27	2,805	37	7,427	36	104,228	38							
		4	Definitely yes	244	62	3,621	47	9,232	46	128,594	45							
		Total		393	100	7,578	100	20,246	100	278,877	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Puerto Rico-Mayaguez

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UPRM	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	
1 a. askquest	614	2.58	2.78	2.95	2.87	.034	.008	.005	.001	.84	.85	.86	.85	13,377	29,834	374,950	.000	.000	.000	-.23	-.42	-.34	
b. drafts	616	2.58	2.45	2.61	2.54	.035	.009	.006	.002	.88	.97	.99	.99	690	649	618	.001	.396	.232	.13	-.03	.04	
c. unpreparedr	610	3.03	2.99	3.07	3.03	.028	.007	.005	.001	.70	.76	.79	.77	13,271	642	612	.250	.178	.816	.05	-.05	-.01	
d. attendart	615	1.94	1.91	1.96	1.99	.036	.008	.006	.002	.89	.90	.95	.94	13,228	644	370,898	.450	.420	.162	.03	-.03	-.06	
e. CLaskhelp	613	2.47	2.60	2.50	2.57	.034	.008	.005	.001	.83	.86	.89	.88	13,210	642	614	.000	.307	.003	-.15	-.04	-.11	
f. CLexplain	603	2.71	2.71	2.69	2.71	.034	.007	.005	.001	.84	.79	.84	.82	656	28,557	360,313	.792	.452	.884	.01	.03	.01	
g. CLstudy	603	2.72	2.52	2.49	2.53	.038	.008	.006	.002	.93	.94	.98	.97	12,789	631	604	.000	.000	.000	.21	.23	.19	
h. CLproject	599	2.78	2.63	2.63	2.60	.033	.008	.005	.001	.82	.84	.88	.87	662	629	600	.000	.000	.000	.19	.17	.21	
i. present	593	2.32	2.31	2.31	2.23	.037	.008	.006	.002	.89	.87	.93	.90	12,651	620	356,791	.815	.874	.017	.01	.01	.10	
2 a. RIntegrate	585	2.60	2.70	2.70	2.68	.036	.008	.005	.001	.88	.84	.87	.86	637	27,734	350,182	.008	.007	.025	-.12	-.11	-.09	
b. RIsocietal	578	2.75	2.60	2.66	2.61	.037	.008	.005	.001	.88	.85	.89	.88	12,129	27,301	345,187	.000	.015	.000	.17	.10	.15	
c. RIdiverse	577	2.62	2.54	2.64	2.58	.037	.008	.005	.002	.90	.88	.89	.89	12,160	27,352	345,376	.030	.553	.244	.09	-.02	.05	
d. Rlownview	577	2.84	2.75	2.83	2.78	.036	.008	.005	.001	.86	.82	.83	.83	12,147	27,289	344,508	.007	.659	.082	.12	.02	.07	
e. Rlperspect	578	2.99	2.85	2.91	2.87	.035	.008	.005	.001	.84	.82	.83	.82	633	602	579	.000	.022	.000	.18	.10	.15	
f. Rlnewview	575	3.06	2.84	2.89	2.86	.033	.007	.005	.001	.79	.79	.82	.81	634	601	576	.000	.000	.000	.28	.21	.25	
g. Rlconnect	563	3.18	3.08	3.10	3.08	.032	.007	.005	.001	.75	.75	.77	.77	11,994	26,918	340,455	.005	.021	.003	.12	.10	.13	
3 a. SFcareer	567	1.98	2.07	2.25	2.21	.040	.008	.006	.002	.95	.89	.93	.91	616	27,048	341,729	.023	.000	.000	-.10	-.29	-.25	
b. SFotherwork	566	1.58	1.60	1.74	1.73	.037	.008	.006	.002	.87	.84	.93	.91	11,974	593	340,208	.646	.000	.000	-.02	-.17	-.16	
c. SFdiscuss	569	1.84	1.94	2.00	2.00	.039	.008	.006	.002	.92	.86	.91	.90	618	593	570	.015	.000	.000	-.11	-.17	-.18	
d. SFperform	565	1.74	1.98	2.18	2.13	.037	.008	.006	.002	.88	.84	.90	.88	615	26,796	566	.000	.000	.000	-.29	-.50	-.44	
4 a. memorize	566	3.14	3.02	2.96	2.95	.033	.007	.005	.001	.78	.79	.85	.83	12,004	26,871	339,753	.000	.000	.000	.15	.21	.22	
b. HOapply	566	3.12	3.02	3.00	2.99	.034	.007	.005	.001	.82	.79	.82	.81	619	589	566	.007	.000	.000	.12	.15	.16	
c. HOanalyze	564	3.10	2.99	3.00	2.98	.035	.008	.005	.001	.82	.81	.84	.83	619	26,592	336,642	.004	.007	.001	.12	.11	.13	
d. HOevaluate	562	3.09	2.91	2.99	2.92	.035	.008	.005	.001	.83	.82	.83	.83	11,878	26,615	336,682	.000	.004	.000	.22	.12	.20	
e. HOform	564	3.05	2.87	2.95	2.90	.036	.008	.005	.001	.86	.85	.85	.85	11,856	26,547	335,709	.000	.003	.000	.22	.13	.18	
5 a. ETgoals	568	3.27	3.15	3.16	3.16	.031	.007	.005	.001	.74	.75	.79	.77	625	26,803	338,976	.000	.001	.000	.16	.14	.15	
b. ETorganize	565	3.28	3.10	3.10	3.11	.031	.007	.005	.001	.74	.75	.82	.78	623	26,761	338,011	.000	.000	.000	.23	.22	.22	
c. ETexample	565	3.25	3.10	3.08	3.11	.034	.007	.005	.001	.81	.80	.86	.82	620	26,664	337,187	.000	.000	.000	.19	.20	.17	
d. ETdraftfb	561	2.75	2.78	2.90	2.86	.040	.008	.006	.002	.95	.90	.93	.93	611	26,654	336,931	.438	.000	.004	-.04	-.16	-.12	
e. ETfeedback	558	2.87	2.70	2.83	2.80	.040	.008	.006	.002	.94	.90	.93	.92	11,799	26,571	335,572	.000	.264	.072	.19	.05	.08	

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Puerto Rico-Mayaguez

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UPRM	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:						
														Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014				
6 a. QRconclude	566	2.69	2.57	2.54	2.55	.041	.009	.006	.002	.97	.92	.96	.93	11,911	26,761	338,149	.002	.000	.001	.13	.15	.14				
b. QRproblem	562	2.30	2.25	2.31	2.28	.042	.009	.006	.002	1.00	.93	.97	.94	611	26,660	563	.220	.963	.585	.06	.00	.02				
c. QRevaluate	555	2.24	2.26	2.27	2.27	.042	.009	.006	.002	1.00	.90	.95	.92	600	576	556	.677	.564	.607	-.02	-.03	-.02				
7 a. wrshortnum	535	7.39	6.76	6.82	6.82	.288	.054	.037	.010	6.66	5.49	5.76	5.72	572	552	535	.033	.053	.052	.11	.10	.10				
b. wrmednum	515	2.45	1.85	2.31	2.11	.159	.027	.021	.005	3.61	2.63	3.19	2.91	543	532	515	.000	.411	.038	.22	.04	.11				
c. wrlongnum	507	1.04	.60	.97	.80	.122	.022	.019	.005	2.75	2.18	2.85	2.58	541	22,762	288,715	.000	.567	.036	.20	.03	.09				
— wrpages	499	54.41	42.20	50.85	47.01	2.899	.513	.435	.109	64.75	49.79	64.42	57.91	530	22,418	499	.000	.223	.011	.24	.06	.13				
8 a. DDrace	546	3.01	3.09	3.14	3.09	.041	.009	.006	.002	.96	.91	.92	.92	10,904	24,720	313,221	.056	.001	.057	-.08	-.14	-.08				
b. DDeconomic	542	3.34	3.08	3.11	3.08	.034	.009	.006	.002	.80	.90	.90	.89	10,874	573	312,307	.000	.000	.000	.29	.26	.28				
c. DDreligion	538	3.34	3.06	3.00	3.01	.036	.009	.006	.002	.83	.92	.96	.95	10,835	570	540	.000	.000	.000	.31	.36	.35				
d. DDpolitical	540	3.36	3.01	2.99	2.99	.037	.009	.006	.002	.85	.94	.96	.94	10,801	570	310,266	.000	.000	.000	.38	.39	.39				
9 a. LSreading	540	3.12	3.14	3.20	3.16	.033	.007	.005	.001	.77	.75	.77	.77	10,824	24,478	311,102	.447	.018	.190	-.03	-.10	-.06				
b. LSnotes	535	2.72	2.89	2.97	2.92	.041	.009	.006	.002	.95	.90	.90	.90	586	556	536	.000	.000	.000	-.19	-.28	-.23				
c. LSsummary	532	2.73	2.79	2.90	2.84	.041	.009	.006	.002	.95	.91	.91	.90	583	553	532	.167	.000	.012	-.06	-.18	-.12				
10. challenge	538	5.68	5.48	5.54	5.55	.051	.011	.008	.002	1.19	1.12	1.19	1.14	588	24,385	309,810	.000	.007	.008	.18	.12	.12				
11 a. intern <sup>l</sup>	537	.023	.071	.090	.086	.0065	.0025	.0019	.0005	--	--	--	--	--	--	--	.000	.000	.000	-.23	-.30	-.29				
b. leader <sup>l</sup>	535	.081	.107	.131	.119	.0118	.0031	.0022	.0006	--	--	--	--	--	--	--	.056	.001	.007	-.09	-.16	-.13				
c. learncom <sup>l</sup>	532	.106	.139	.171	.153	.0134	.0034	.0024	.0006	--	--	--	--	--	--	--	.031	.000	.002	-.10	-.19	-.14				
d. abroad <sup>l</sup>	527	.017	.027	.039	.035	.0056	.0016	.0013	.0003	--	--	--	--	--	--	--	.168	.008	.022	-.07	-.14	-.12				
e. research <sup>l</sup>	531	.039	.039	.056	.055	.0084	.0019	.0015	.0004	--	--	--	--	--	--	--	.980	.101	.125	.00	-.08	-.07				
f. capstone <sup>l</sup>	529	.023	.021	.039	.029	.0065	.0014	.0013	.0003	--	--	--	--	--	--	--	.774	.059	.421	.01	-.09	-.04				
12. servcourse	527	1.68	1.54	1.66	1.60	.030	.006	.004	.001	.69	.62	.67	.66	571	23,993	305,164	.000	.593	.009	.21	.02	.11				
13 a. QIstudent	535	5.76	5.56	5.51	5.58	.056	.013	.009	.002	1.29	1.34	1.44	1.37	10,688	565	536	.001	.000	.001	.14	.17	.13				
b. QIadvisor	469	4.68	4.98	5.16	5.11	.086	.018	.011	.003	1.86	1.74	1.72	1.71	508	484	469	.001	.000	.000	-.17	-.28	-.25				
c. QIfaculty	493	4.86	5.18	5.23	5.27	.076	.014	.010	.003	1.68	1.43	1.50	1.46	528	509	493	.000	.000	.000	-.22	-.25	-.28				
d. QIstaff	415	4.74	4.89	4.89	4.94	.087	.018	.012	.003	1.78	1.67	1.74	1.69	449	21,218	415	.095	.081	.023	-.09	-.09	-.12				
e. QIadmin	488	4.71	4.71	4.77	4.84	.084	.018	.012	.003	1.85	1.73	1.78	1.72	533	22,624	488	.997	.472	.120	.00	-.03	-.08				
14 a. empstudy	495	3.52	3.24	3.18	3.21	.030	.008	.005	.001	.67	.74	.77	.75	9,864	523	287,070	.000	.000	.000	.38	.44	.42				
b. SEacademic	492	3.13	3.13	3.09	3.12	.036	.008	.006	.002	.79	.82	.85	.83	9,791	22,354	285,318	.923	.258	.711	.00	.05	.02				
c. SElearnsup	494	3.15	3.18	3.12	3.14	.039	.009	.006	.002	.87	.84	.91	.88	9,820	22,370	285,513	.433	.401	.751	-.04	.04	.01				



# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Puerto Rico-Mayaguez

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UPRM	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014
d. SEdiverse	496	2.91	2.68	2.74	2.74	.042	.010	.007	.002	.94	.98	1.00	.98	553	520	496	.000	.000	.000	.23	.17	.18
e. SEsocial	491	3.02	3.02	2.98	3.02	.039	.009	.006	.002	.87	.89	.92	.89	9,806	515	285,602	.973	.330	.983	.00	.04	.00
f. SEwellness	488	2.99	3.07	2.93	3.00	.042	.009	.006	.002	.93	.89	.95	.90	9,746	22,217	284,151	.065	.156	.935	-.09	.06	.00
g. SEnonacad	485	2.61	2.36	2.38	2.40	.044	.010	.007	.002	.97	.98	1.02	.99	9,757	509	283,965	.000	.000	.000	.26	.22	.21
h. SEactivities	487	2.97	2.85	2.84	2.91	.041	.010	.007	.002	.90	.93	.98	.93	542	512	488	.003	.002	.102	.14	.13	.07
i. SEevents	484	2.76	2.52	2.58	2.60	.044	.010	.007	.002	.96	.96	1.00	.97	9,673	506	282,658	.000	.000	.000	.25	.18	.17
15 a. tmprephrs	490	12.89	14.61	13.60	14.30	.412	.085	.056	.016	9.12	8.12	8.26	8.40	531	508	491	.000	.088	.001	-.21	-.09	-.17
b. tmcocurrhrs	487	3.43	4.94	4.89	5.36	.258	.066	.044	.013	5.69	6.32	6.50	6.75	552	515	489	.000	.000	.000	-.24	-.23	-.29
c. tmworkonhrs	491	.88	1.55	2.22	2.38	.171	.047	.038	.010	3.79	4.53	5.57	5.57	567	539	493	.000	.000	.000	-.15	-.24	-.27
d. tmworkoffhrs	486	1.16	3.91	6.31	5.02	.188	.083	.072	.018	4.15	7.99	10.66	9.52	693	639	494	.000	.000	.000	-.35	-.49	-.41
— tmworkhrs	486	2.05	5.39	8.45	7.31	.306	.097	.081	.021	6.75	9.27	11.87	10.99	587	555	490	.000	.000	.000	-.36	-.54	-.48
e. tmservicehrs	484	1.57	1.93	2.60	2.36	.154	.040	.031	.008	3.38	3.81	4.61	4.38	9,594	524	486	.040	.000	.000	-.10	-.22	-.18
f. tmrelaxhrs	485	10.63	13.47	12.05	12.59	.397	.090	.059	.016	8.75	8.64	8.62	8.66	9,600	22,135	282,372	.000	.000	.000	-.33	-.16	-.23
g. tmcarehrs	487	3.14	1.83	4.05	3.01	.298	.054	.060	.014	6.58	5.14	8.83	7.51	518	526	281,514	.000	.003	.693	.25	-.10	.02
h. tmcommutehrs	485	6.25	3.73	4.16	3.66	.310	.052	.041	.010	6.83	4.95	5.98	5.46	511	500	485	.000	.000	.000	.50	.35	.48
16. reading	479	2.89	2.85	2.87	2.85	.044	.013	.010	.003	.96	1.11	1.08	1.11	564	525	481	.323	.570	.362	.04	.02	.04
— tmreadinghrs	474	6.36	7.04	6.46	6.84	.268	.068	.052	.015	5.83	5.85	5.73	5.94	7,777	12,706	165,529	.015	.723	.078	-.12	-.02	-.08
17 a. pgwrite	486	3.14	2.79	2.93	2.87	.039	.009	.006	.002	.85	.89	.90	.90	9,668	22,193	283,847	.000	.000	.000	.39	.24	.30
b. pgspeak	481	3.10	2.72	2.75	2.68	.039	.010	.006	.002	.85	.92	.94	.94	540	507	482	.000	.000	.000	.41	.36	.44
c. pgthink	484	3.36	3.04	3.08	3.09	.033	.009	.006	.002	.73	.83	.84	.82	9,638	22,134	282,874	.000	.000	.000	.40	.34	.33
d. pganalyze	485	3.01	2.60	2.59	2.61	.041	.010	.007	.002	.90	.95	.99	.97	543	511	486	.000	.000	.000	.44	.43	.41
e. pgwork	486	2.53	2.53	2.66	2.62	.046	.010	.007	.002	1.02	.97	.98	.98	532	505	486	.993	.006	.040	.00	-.13	-.10
f. pgothers	484	3.03	2.82	2.85	2.83	.037	.009	.006	.002	.82	.90	.91	.90	547	510	485	.000	.000	.000	.23	.19	.21
g. pgvalues	480	2.95	2.60	2.72	2.70	.042	.010	.007	.002	.91	.98	.99	.98	538	504	481	.000	.000	.000	.36	.23	.26
h. pgdiverse	484	3.14	2.64	2.78	2.73	.039	.010	.007	.002	.87	.96	.97	.97	548	510	485	.000	.000	.000	.53	.38	.43
i. pgprobsolve	483	2.90	2.53	2.63	2.61	.042	.010	.007	.002	.92	.94	.96	.95	536	506	484	.000	.000	.000	.39	.28	.30
j. pgcitizen	483	3.13	2.53	2.66	2.63	.040	.010	.007	.002	.87	.96	.97	.96	546	510	484	.000	.000	.000	.63	.48	.52
18. evalexp	482	3.45	3.24	3.19	3.23	.028	.007	.005	.001	.62	.70	.73	.72	9,691	22,223	284,106	.000	.000	.000	.31	.36	.31
19. sameinst	483	3.60	3.23	3.19	3.24	.028	.008	.006	.002	.61	.80	.83	.80	571	522	484	.000	.000	.000	.47	.50	.45

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Puerto Rico-Mayaguez

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UPRM	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014
1 a. askquest	468	2.79	3.10	3.33	3.17	.040	.006	.004	.001	.87	.87	.81	.86	18,747	46,863	514,194	.000	.000	.000	-.36	-.66	-.44
b. drafts	468	2.68	2.36	2.65	2.45	.046	.007	.005	.001	.99	1.00	1.05	1.03	18,663	478	511,837	.000	.541	.000	.33	.03	.22
c. unpreparedr	460	2.78	2.91	3.11	3.00	.039	.006	.004	.001	.83	.78	.80	.79	479	467	459	.001	.000	.000	-.16	-.41	-.27
d. attendart	468	1.90	1.79	1.80	1.87	.042	.007	.004	.001	.91	.88	.92	.93	18,567	46,391	509,627	.009	.022	.435	.12	.11	.04
e. CLaskhelp	466	2.27	2.48	2.25	2.40	.037	.006	.004	.001	.80	.86	.88	.89	494	477	466	.000	.643	.001	-.24	.02	-.14
f. CLexplain	458	2.66	2.80	2.66	2.74	.037	.006	.004	.001	.78	.81	.85	.85	18,105	468	458	.000	.888	.025	-.17	.01	-.10
g. CLstudy	459	2.63	2.53	2.34	2.47	.044	.007	.005	.001	.94	.97	1.03	1.00	18,079	469	459	.040	.000	.000	.10	.28	.16
h. CLproject	451	2.99	2.97	3.09	2.87	.043	.007	.004	.001	.90	.87	.92	.92	18,059	459	451	.740	.013	.009	.02	-.12	.12
i. present	460	3.01	2.79	2.71	2.68	.043	.007	.005	.001	.93	.92	1.04	.98	17,963	471	460	.000	.000	.000	.24	.29	.34
2 a. RIntegrate	455	2.88	3.04	3.03	3.02	.037	.006	.004	.001	.80	.83	.86	.84	17,628	465	489,278	.000	.000	.000	-.20	-.17	-.17
b. RIsocietal	447	2.82	2.86	2.97	2.87	.042	.007	.004	.001	.89	.89	.90	.90	17,376	43,952	483,208	.333	.000	.236	-.05	-.17	-.06
c. RIdiverse	449	2.44	2.64	2.82	2.68	.047	.007	.005	.001	1.00	.95	.94	.96	17,385	456	483,696	.000	.000	.000	-.21	-.41	-.26
d. Rlownview	447	2.76	2.84	2.99	2.88	.041	.007	.004	.001	.87	.85	.83	.84	17,369	454	482,962	.038	.000	.003	-.10	-.27	-.14
e. Rlperspect	443	2.95	2.93	3.06	2.96	.040	.006	.004	.001	.84	.84	.81	.83	17,303	43,991	481,947	.628	.005	.789	.02	-.13	-.01
f. Rlnewview	443	3.02	2.95	3.03	2.97	.038	.006	.004	.001	.80	.81	.81	.80	17,280	43,904	480,326	.095	.668	.170	.08	-.02	.07
g. Rlconnect	442	3.20	3.24	3.32	3.25	.037	.006	.004	.001	.78	.74	.73	.74	17,164	43,647	477,993	.274	.001	.120	-.05	-.16	-.07
3 a. SFcareer	445	2.54	2.40	2.37	2.42	.048	.007	.005	.001	1.01	.97	.99	.98	466	43,750	479,695	.003	.000	.008	.15	.18	.13
b. SFotherwork	443	2.35	1.92	1.80	1.93	.050	.008	.005	.001	1.05	1.02	1.01	1.03	464	450	442	.000	.000	.000	.42	.54	.41
c. SFdiscuss	443	2.33	2.21	2.04	2.19	.047	.007	.005	.001	.99	.94	1.00	.97	464	451	443	.009	.000	.003	.13	.30	.14
d. SFperform	442	2.23	2.19	2.22	2.22	.046	.007	.005	.001	.98	.92	.95	.93	462	43,458	441	.372	.923	.796	.05	.00	.01
4 a. memorize	443	2.98	2.81	2.65	2.74	.043	.007	.005	.001	.91	.89	.95	.91	17,150	452	443	.000	.000	.000	.20	.35	.27
b. HOapply	441	3.14	3.14	3.20	3.15	.040	.006	.004	.001	.84	.80	.79	.80	17,057	43,393	475,449	.877	.151	.868	.01	-.07	-.01
c. HOanalyze	441	3.19	3.10	3.18	3.12	.039	.007	.004	.001	.82	.84	.81	.83	17,008	43,375	474,327	.031	.852	.065	.10	.01	.09
d. HOevaluate	439	3.10	2.94	3.11	2.98	.041	.007	.004	.001	.85	.88	.84	.87	16,990	43,370	474,323	.000	.856	.005	.18	-.01	.13
e. HOform	436	3.05	2.96	3.09	3.00	.043	.007	.004	.001	.89	.86	.84	.86	16,942	43,170	436	.031	.343	.197	.10	-.05	.06
5 a. ETgoals	448	3.22	3.23	3.22	3.21	.037	.006	.004	.001	.78	.76	.80	.77	17,139	43,663	477,668	.818	.981	.726	-.01	.00	.02
b. ETorganize	448	3.10	3.16	3.17	3.15	.037	.006	.004	.001	.79	.78	.81	.78	17,091	43,560	476,302	.110	.073	.160	-.08	-.09	-.07
c. ETexample	443	3.14	3.21	3.11	3.16	.041	.006	.004	.001	.85	.79	.87	.82	17,047	43,454	475,216	.066	.513	.570	-.09	.03	-.03
d. ETdraftfb	443	2.69	2.80	2.84	2.80	.046	.007	.005	.001	.97	.96	1.02	.98	17,033	43,424	475,003	.017	.002	.016	-.11	-.15	-.11
e. ETfeedback	443	2.80	2.88	2.99	2.90	.045	.007	.004	.001	.95	.90	.91	.90	464	451	443	.073	.000	.025	-.09	-.21	-.11

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Puerto Rico-Mayaguez

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UPRM	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	
6 a. QRconclude	447	2.83	2.61	2.64	2.63	.046	.008	.005	.001	.97	.97	.96	.97	470	43,611	447	.000	.000	.000	.23	.20	.20	
b. QRproblem	446	2.59	2.40	2.46	2.43	.051	.008	.005	.001	1.07	.99	.98	.98	465	452	445	.000	.019	.002	.18	.12	.16	
c. QRevaluate	443	2.45	2.43	2.43	2.42	.048	.008	.005	.001	1.02	.97	.96	.96	464	450	443	.666	.668	.622	.02	.02	.02	
7 a. wrshortnum	392	6.66	7.36	9.27	7.81	.331	.053	.038	.010	6.56	6.48	7.53	6.77	15,350	402	432,337	.034	.000	.001	-.11	-.35	-.17	
b. wrmednum	405	4.25	3.26	5.06	3.59	.239	.031	.030	.007	4.81	3.81	5.90	4.29	418	417	426,881	.000	.001	.002	.26	-.14	.15	
c. wrlongnum	399	3.71	1.84	2.62	2.00	.244	.026	.024	.006	4.88	3.17	4.60	3.61	407	405	398	.000	.000	.000	.58	.24	.47	
— wrpages	377	104.20	73.62	102.58	79.06	5.435	.649	.582	.134	105.51	76.87	110.84	85.38	387	36,587	376	.000	.777	.000	.39	.01	.29	
8 a. DDrace	427	3.00	3.14	3.24	3.13	.047	.007	.004	.001	.97	.92	.89	.92	15,917	41,096	449,252	.002	.000	.004	-.15	-.27	-.14	
b. DDeconomic	425	3.33	3.12	3.21	3.13	.038	.007	.004	.001	.78	.88	.87	.89	454	435	425	.000	.003	.000	.23	.13	.23	
c. DDreligion	424	3.38	3.10	3.12	3.05	.037	.007	.005	.001	.77	.92	.93	.94	457	436	424	.000	.000	.000	.30	.28	.35	
d. DDpolitical	420	3.44	3.07	3.14	3.06	.036	.007	.005	.001	.74	.92	.91	.92	456	433	421	.000	.000	.000	.40	.34	.41	
9 a. LSreading	424	3.20	3.24	3.35	3.26	.039	.006	.004	.001	.80	.79	.75	.78	15,833	40,873	446,937	.346	.000	.086	-.05	-.20	-.08	
b. LSnotes	419	2.75	2.86	2.97	2.89	.046	.008	.005	.001	.93	.94	.95	.95	15,758	40,736	445,583	.025	.000	.004	-.11	-.23	-.14	
c. LSsummary	416	2.67	2.85	3.03	2.90	.049	.008	.004	.001	1.00	.93	.90	.92	435	422	415	.000	.000	.000	-.19	-.40	-.25	
10. challenge	424	5.57	5.63	5.81	5.68	.061	.009	.006	.002	1.25	1.14	1.20	1.18	442	431	424	.328	.000	.091	-.05	-.20	-.09	
11 a. intern <sup>l</sup>	423	.568	.535	.412	.500	.0241	.0040	.0024	.0007	--	--	--	--	--	--	--	.180	.000	.005	.07	.31	.14	
b. leader <sup>l</sup>	423	.524	.353	.296	.359	.0243	.0039	.0023	.0007	--	--	--	--	--	--	--	.000	.000	.000	.35	.47	.33	
c. learncom <sup>l</sup>	422	.342	.231	.229	.244	.0231	.0034	.0021	.0006	--	--	--	--	--	--	--	.000	.000	.000	.25	.25	.21	
d. abroad <sup>l</sup>	419	.101	.118	.107	.140	.0148	.0026	.0015	.0005	--	--	--	--	--	--	--	.297	.702	.022	-.05	-.02	-.12	
e. research <sup>l</sup>	418	.584	.229	.177	.243	.0241	.0034	.0019	.0006	--	--	--	--	--	--	--	.000	.000	.000	.74	.87	.71	
f. capstone <sup>l</sup>	421	.615	.481	.398	.460	.0238	.0040	.0024	.0007	--	--	--	--	--	--	--	.000	.000	.000	.27	.44	.31	
12. servcourse	423	1.66	1.73	1.76	1.73	.032	.005	.004	.001	.67	.67	.72	.69	15,640	40,518	442,292	.036	.004	.034	-.10	-.14	-.10	
13 a. QIstudent	424	6.09	5.71	5.74	5.72	.054	.010	.007	.002	1.11	1.28	1.30	1.30	455	435	424	.000	.000	.000	.30	.27	.29	
b. QIadvisor	406	4.85	4.98	5.41	5.19	.090	.015	.009	.003	1.81	1.78	1.75	1.78	15,397	40,099	437,696	.147	.000	.000	-.07	-.32	-.19	
c. QIfaculty	423	5.21	5.54	5.65	5.57	.076	.011	.007	.002	1.56	1.35	1.38	1.36	440	429	423	.000	.000	.000	-.25	-.32	-.27	
d. QIstaff	349	4.60	4.84	4.92	4.85	.097	.015	.011	.003	1.80	1.72	1.83	1.76	365	30,151	361,537	.015	.001	.008	-.14	-.17	-.14	
e. QIadmin	408	4.64	4.72	5.02	4.84	.088	.014	.009	.003	1.77	1.72	1.81	1.76	14,787	38,415	421,748	.361	.000	.028	-.05	-.21	-.11	
14 a. empstudy	404	3.38	3.22	3.17	3.18	.036	.006	.004	.001	.72	.75	.79	.77	14,765	38,680	421,938	.000	.000	.000	.22	.27	.26	
b. SEacademic	405	2.66	2.99	3.00	2.98	.044	.007	.005	.001	.89	.85	.88	.86	425	412	404	.000	.000	.000	-.39	-.39	-.37	
c. SElearnsup	404	2.58	2.89	2.97	2.89	.048	.008	.005	.001	.96	.93	.94	.93	425	411	404	.000	.000	.000	-.33	-.41	-.32	

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Puerto Rico-Mayaguez

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UPRM	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	UPRM	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	Comparison Group 1	Carnegie Class	NSSE 2013 & 2014	
d. SEdiverse	403	2.56	2.53	2.71	2.59	.050	.008	.005	.002	1.01	.99	1.03	1.01	14,691	38,540	420,182	.587	.002	.475	.03	-.15	-.04	
e. SEsocial	402	2.76	2.92	2.78	2.86	.047	.008	.005	.001	.94	.91	1.00	.93	422	410	419,854	.001	.675	.021	-.18	-.02	-.12	
f. SEwellness	399	2.67	2.89	2.64	2.78	.049	.008	.005	.002	.97	.95	1.04	.97	420	408	417,857	.000	.521	.023	-.23	.03	-.11	
g. SEnonacad	397	2.24	2.08	2.13	2.10	.049	.008	.005	.002	.98	.98	1.04	1.00	14,589	38,315	417,695	.001	.045	.006	.16	.10	.14	
h. SEactivities	398	2.74	2.64	2.41	2.66	.047	.008	.006	.002	.94	.95	1.09	1.00	14,555	409	398	.045	.000	.094	.10	.31	.08	
i. SEevents	396	2.54	2.43	2.31	2.44	.049	.008	.005	.002	.97	.95	1.04	.98	14,541	405	415,610	.016	.000	.028	.12	.23	.11	
15 a. tmprephrs	392	13.00	14.57	15.03	14.96	.465	.073	.046	.014	9.21	8.69	8.89	8.93	14,590	38,478	419,084	.000	.000	.000	-.18	-.23	-.22	
b. tmcocurrhrs	394	5.07	4.50	3.66	4.53	.306	.056	.033	.011	6.07	6.63	6.42	6.80	14,521	38,274	416,720	.090	.000	.114	.09	.22	.08	
c. tmworkonhrs	395	4.29	3.07	2.85	3.68	.379	.056	.035	.011	7.54	6.71	6.74	7.21	412	400	395	.001	.000	.108	.18	.21	.08	
d. tmworkoffhrs	394	5.49	12.10	15.08	11.96	.464	.106	.074	.021	9.21	12.57	14.35	13.28	435	413	394	.000	.000	.000	-.53	-.67	-.49	
— tmworkhrs	392	9.72	15.04	17.80	15.52	.604	.107	.073	.021	11.97	12.66	14.15	13.33	416	403	392	.000	.000	.000	-.42	-.57	-.44	
e. tmervicehrs	390	2.81	3.05	3.31	3.09	.251	.044	.029	.008	4.95	5.20	5.60	5.28	14,418	399	414,019	.363	.045	.297	-.05	-.09	-.05	
f. tmrelaxhrs	391	10.12	11.28	9.82	10.74	.410	.069	.041	.013	8.11	8.21	7.99	8.17	14,499	38,210	415,730	.006	.466	.131	-.14	.04	-.08	
g. tmcarehrs	393	4.39	4.59	9.98	6.51	.417	.081	.069	.018	8.27	9.56	13.36	11.41	421	413	393	.632	.000	.000	-.02	-.42	-.19	
h. tmcommutehrs	395	6.03	5.21	4.08	4.57	.291	.042	.030	.008	5.78	4.95	5.83	5.32	410	38,223	394	.005	.000	.000	.17	.34	.28	
16. reading	389	2.95	2.92	3.00	2.94	.052	.011	.009	.002	1.02	1.20	1.17	1.19	425	411	390	.624	.334	.899	.02	-.04	.01	
— tmreadinghrs	386	6.75	7.18	7.31	7.42	.323	.059	.050	.013	6.34	6.32	6.48	6.46	11,771	17,445	242,907	.187	.091	.040	-.07	-.09	-.10	
17 a. pgwrite	393	3.32	3.04	3.18	3.05	.042	.008	.005	.001	.82	.90	.89	.91	14,573	38,373	418,003	.000	.002	.000	.31	.16	.30	
b. pgspeak	393	3.35	2.98	2.98	2.94	.040	.008	.005	.001	.80	.91	.97	.94	14,538	404	393	.000	.000	.000	.41	.38	.43	
c. pgthink	392	3.55	3.31	3.35	3.32	.033	.007	.004	.001	.65	.79	.78	.79	424	403	392	.000	.000	.000	.31	.26	.30	
d. pganalyze	395	3.27	2.82	2.81	2.82	.043	.008	.005	.002	.85	1.00	1.00	1.00	425	405	395	.000	.000	.000	.45	.46	.45	
e. pgwork	392	3.00	2.95	3.02	2.96	.050	.008	.005	.002	.98	.97	.97	.97	14,556	38,300	417,018	.269	.761	.397	.06	-.02	.04	
f. pgothers	394	3.34	3.08	3.13	3.05	.040	.007	.005	.001	.80	.89	.89	.90	14,495	38,155	415,824	.000	.000	.000	.29	.23	.32	
g. pgvalues	394	3.16	2.76	2.93	2.82	.048	.009	.005	.002	.95	1.02	1.01	1.02	419	38,227	394	.000	.000	.000	.39	.23	.33	
h. pgdiverse	395	3.25	2.76	2.93	2.81	.047	.008	.005	.002	.94	.99	.99	.99	418	38,244	416,502	.000	.000	.000	.49	.33	.44	
i. pgprobsolve	395	3.17	2.79	2.89	2.82	.048	.008	.005	.001	.95	.98	.97	.97	14,530	38,198	416,231	.000	.000	.000	.38	.29	.36	
j. pgcitizen	395	3.23	2.69	2.79	2.71	.047	.008	.005	.002	.94	1.00	1.00	1.00	419	403	395	.000	.000	.000	.54	.44	.53	
18. evalexp	391	3.38	3.30	3.30	3.28	.031	.006	.004	.001	.62	.73	.75	.74	420	401	391	.009	.006	.001	.11	.12	.14	
19. sameinst	395	3.48	3.27	3.22	3.23	.038	.007	.004	.001	.76	.83	.87	.84	420	404	395	.000	.000	.000	.26	.30	.30	

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### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z-test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t-tests uses Cohen's *d*; z-tests use Cohen's *h*. See page 2 for more details.
- f. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress."
- 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."