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# **NSSE 2013**

## **Frequencies and Statistical Comparisons**

Grand Valley State University

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# NSSE 2013 Frequencies and Statistical Comparisons

## Interpreting Your Report

The display below highlights details in the *Frequencies and Statistical Comparisons* report that are important to keep in mind when interpreting your results. For more information about the sampling technique, weighting, engagement indicators, and the survey properties, please visit our Web site ([nsse.iub.edu](http://nsse.iub.edu)) or contact a member of the NSSE team.

1. The *Frequencies and Statistical Comparisons* report is based on information from all randomly selected or census-administered students for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.
2. **Class:** As reported by your institution.
3. **Item numbers:** Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE Web site.
4. **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.
5. **Values and response options:** Values are used to calculate means. Response options are listed as they appear on the instrument.
6. **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. Counts are unweighted and cannot be used to replicate column percentages.
7. **Weighting:** Column percentages and statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted. For more details visit: [nsse.iub.edu/html/weighting.cfm](http://nsse.iub.edu/html/weighting.cfm)
8. **Mean:** The mean is the weighted arithmetic average of student responses on a particular item.

NSSE

national survey of student engagement

NSSE 2013 Frequencies and Statistical Comparisons

NSSEville State University

First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State		Public Research Univ		Large Public		NSSE 2013	
Item wording or description <sup>3</sup>	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>	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1 2 3 4	Never Sometimes Often Very often	45 450 428 307	4 37 34 25	1,462 13,001 11,451 7,173	5 39 34 22	816 6,910 5,911 3,759	5 41 34 21	3,978 17,243 17,737 39,041	3 33 35 28	2.8	2.7 **	.09	2.7 ***	.11	2.9 **	-.09	
				1,230	100	33,087	100	17,396	100	134,108	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	207 416 363 235	18 34 29 18	6,309 11,557 9,302 5,743	20 35 22 17	3,450 11,021 7,111 2,903	5 5 28 16	45,722 45,722 39,656 28,032	34 34 30 21	2.5	2.4 *	.06	2.4 **	.10	2.6 *	-.07	
				1,221	100	32,911	100	17,304	100	133,859	100								
c. Come to class without completing readings or assignments	unprepared (Reverse-coded version of unprepared created by NSSE.)	1 2 3 4	Very often Often Sometimes Never	64 148 673 337	5 12 55 27	1,481 2,666 18,939 7,457	6 15 57 22	953 2,666 9,818 3,853	6 16 56 22	6,380 15,137 75,442 36,556	5 12 56 27	3.0	3.0 ***	.11	2.9 ***	.13	3.1	.00	
				1,222	100	32,860	100	17,290	100	133,515	100								

9. **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 below) to judge the practical meaning of the results. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are items 11 a-f which are compared using a z-test.
10. **Effect size:** Effect size indicates practical significance. In practice, 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 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.

## First-Year Students

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

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

				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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>	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	48	3	466	4	686	4	180	4	2.8	2.8	-.02	2.8 **	-.07	2.8	.02	
		2	Sometimes	637	38	4,901	36	7,183	34	1,947	39								
		3	Often	624	37	4,796	36	7,419	36	1,736	35								
		4	Very often	371	22	3,174	24	5,242	26	1,156	23								
		Total	1,680	100	13,337	100	20,530	100	5,019	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	198	12	2,185	17	3,010	15	749	15	2.6	2.5 ***	.13	2.6	.02	2.6 **	.07	
		2	Sometimes	560	34	4,655	35	6,746	33	1,673	34								
		3	Often	581	34	3,865	29	6,175	30	1,520	30								
		4	Very often	336	20	2,558	19	4,495	23	1,049	21								
		Total	1,675	100	13,263	100	20,426	100	4,991	100									
c. Come to class without completing readings or assignments	unpreparedr  (Reverse-coded version of unprepared created by NSSE.)	1	Very often	82	5	670	5	1,047	5	275	6	3.0	3.0 **	-.08	3.1 ***	-.11	3.0	-.04	
		2	Often	209	13	1,606	13	2,253	11	617	13								
		3	Sometimes	1,029	62	7,453	56	11,342	56	2,809	56								
		4	Never	347	20	3,502	26	5,723	28	1,273	25								
		Total	1,667	100	13,231	100	20,365	100	4,974	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	535	32	5,438	42	6,714	34	1,515	31	2.0	1.9 ***	.11	2.0	-.04	2.1 ***	-.09	
		2	Sometimes	744	44	4,837	36	8,244	40	2,056	41								
		3	Often	275	16	1,840	13	3,361	16	897	17								
		4	Very often	118	7	1,101	8	2,029	10	513	10								
		Total	1,672	100	13,216	100	20,348	100	4,981	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	116	7	1,107	9	1,822	10	435	9	2.6	2.6	.03	2.5 ***	.08	2.5 ***	.10	
		2	Sometimes	690	42	5,550	42	8,768	44	2,225	45								
		3	Often	601	36	4,348	33	6,586	31	1,578	31								
		4	Very often	250	15	2,183	16	3,153	15	734	14								
		Total	1,657	100	13,188	100	20,329	100	4,972	100									
f. Explained course material to one or more students	CLexplain	1	Never	58	4	523	4	834	5	226	5	2.7	2.7	.00	2.7	.01	2.6 **	.07	
		2	Sometimes	644	39	5,034	39	7,894	40	2,011	42								
		3	Often	674	41	5,022	39	7,583	38	1,840	37								
		4	Very often	263	16	2,267	18	3,489	18	766	16								
		Total	1,639	100	12,846	100	19,800	100	4,843	100									

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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	268	16	1,989	16	3,027	16	762	16	2.4	2.5	-.05	2.5 **	-.06	2.4	-.02
		2	Sometimes	641	39	4,848	38	7,531	38	1,875	39							
		3	Often	499	31	3,796	29	5,766	29	1,421	29							
		4	Very often	235	14	2,206	17	3,515	18	781	16							
		Total	1,643	100	12,839	100	19,839	100	4,839	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	92	6	967	8	1,610	9	428	9	2.7	2.6 ***	.09	2.6 ***	.10	2.5 ***	.17
		2	Sometimes	661	40	5,247	42	8,301	42	2,099	44							
		3	Often	609	37	4,465	34	6,679	34	1,622	33							
		4	Very often	279	17	2,104	16	3,182	16	689	14							
		Total	1,641	100	12,783	100	19,772	100	4,838	100								
i. Gave a course presentation	present	1	Never	431	26	2,828	23	4,184	22	1,036	22	2.1	2.2 **	-.07	2.2 ***	-.13	2.2 **	-.08
		2	Sometimes	741	45	5,849	46	8,752	44	2,265	47							
		3	Often	334	20	2,964	23	4,762	24	1,091	22							
		4	Very often	130	8	1,108	8	1,987	10	426	9							
		Total	1,636	100	12,749	100	19,685	100	4,818	100								
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	88	5	781	6	1,388	8	297	6	2.7	2.7	.00	2.7	.01	2.7	-.02
		2	Sometimes	623	39	4,764	38	7,269	37	1,749	37							
		3	Often	625	39	4,639	37	7,006	36	1,751	37							
		4	Very often	281	17	2,291	18	3,673	19	923	19							
		Total	1,617	100	12,475	100	19,336	100	4,720	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	105	6	1,154	10	1,747	10	359	8	2.6	2.6 **	.08	2.6 *	.05	2.6	.02
		2	Sometimes	628	39	4,910	40	7,520	39	1,854	39							
		3	Often	621	39	4,340	35	6,578	34	1,659	35							
		4	Very often	250	15	1,886	16	3,246	17	797	17							
		Total	1,604	100	12,290	100	19,091	100	4,669	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	141	9	1,476	12	1,981	11	437	9	2.6	2.5 ***	.09	2.6	.01	2.6	.01
		2	Sometimes	646	40	5,138	41	7,695	40	1,905	40							
		3	Often	570	36	3,906	32	6,342	33	1,600	35							
		4	Very often	239	15	1,777	15	3,093	17	725	16							
		Total	1,596	100	12,297	100	19,111	100	4,667	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	75	5	653	5	966	5	206	4	2.7	2.7	-.03	2.8 **	-.07	2.8 **	-.08
		2	Sometimes	569	35	4,246	34	6,385	33	1,559	33							
		3	Often	697	44	5,176	42	8,025	42	1,989	43							
		4	Very often	259	16	2,203	19	3,703	20	899	20							
		Total	1,600	100	12,278	100	19,079	100	4,653	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	56	4	486	4	705	4	144	3	2.8	2.8	.01	2.9	-.05	2.9	-.03
		2	Sometimes	506	32	3,951	32	5,778	30	1,445	31							
		3	Often	688	43	5,087	41	7,968	42	1,980	43							
		4	Very often	347	22	2,717	23	4,584	25	1,084	23							
		Total	1,597	100	12,241	100	19,035	100	4,653	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	42	3	400	3	584	3	127	3	2.9	2.8 **	.08	2.9	.03	2.8 *	.05
		2	Sometimes	474	30	4,100	33	5,983	32	1,481	32							
		3	Often	712	44	5,142	42	8,036	42	2,020	44							
		4	Very often	366	23	2,565	21	4,360	23	1,001	21							
		Total	1,594	100	12,207	100	18,963	100	4,629	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	11	1	193	2	297	2	65	2	3.1	3.0 ***	.11	3.1 ***	.09	3.0 ***	.11
		2	Sometimes	296	19	2,787	23	4,229	23	1,018	22							
		3	Often	760	48	5,523	45	8,491	44	2,143	46							
		4	Very often	522	33	3,648	30	5,896	31	1,399	30							
		Total	1,589	100	12,151	100	18,913	100	4,625	100								
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	384	24	2,324	20	3,922	21	874	19	2.2	2.2 ***	-.10	2.2 ***	-.08	2.3 ***	-.10
		2	Sometimes	720	45	5,717	47	8,687	45	2,174	47							
		3	Often	338	21	2,776	22	4,202	22	1,099	23							
		4	Very often	159	10	1,365	11	2,144	12	504	11							
		Total	1,601	100	12,182	100	18,955	100	4,651	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	966	61	6,455	53	9,928	53	2,350	51	1.6	1.7 ***	-.16	1.7 ***	-.18	1.7 ***	-.20
		2	Sometimes	417	26	3,485	28	5,402	28	1,424	31							
		3	Often	143	9	1,467	12	2,297	12	571	12							
		4	Very often	65	4	736	6	1,264	7	294	6							
		Total	1,591	100	12,143	100	18,891	100	4,639	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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	530	33	4,035	33	6,433	34	1,551	33	2.0	2.0	-.03	2.0	-.02	2.0	-.01
		2	Sometimes	697	44	5,248	43	7,867	41	2,001	43							
		3	Often	280	18	2,022	17	3,172	17	786	17							
		4	Very often	87	6	823	7	1,387	8	292	6							
		Total	1,594	100	12,128	100	18,859	100	4,630	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	531	33	3,076	26	4,637	25	1,087	23	1.9	2.1 ***	-.17	2.1 ***	-.22	2.1 ***	-.21
		2	Sometimes	715	45	5,726	47	8,725	46	2,245	48							
		3	Often	246	15	2,332	19	3,745	20	909	20							
		4	Very often	99	6	962	8	1,717	10	386	8							
		Total	1,591	100	12,096	100	18,824	100	4,627	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	46	3	396	3	561	3	121	3	3.0	3.0	.02	3.0	.00	3.0	.00
		2	Some	350	22	2,842	24	4,338	23	1,065	24							
		3	Quite a bit	750	47	5,418	45	8,430	45	2,066	45							
		4	Very much	447	28	3,455	28	5,547	29	1,363	29							
		Total	1,593	100	12,111	100	18,876	100	4,615	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	45	3	419	4	709	4	152	3	3.0	3.0	.00	3.0	.02	3.0	.02
		2	Some	364	23	2,846	24	4,541	24	1,106	24							
		3	Quite a bit	759	48	5,447	45	8,487	45	2,106	46							
		4	Very much	414	26	3,332	28	5,070	27	1,237	27							
		Total	1,582	100	12,044	100	18,807	100	4,601	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	45	3	510	4	757	4	177	4	3.0	2.9	.03	3.0	.00	2.9	.03
		2	Some	392	25	3,055	25	4,676	25	1,165	26							
		3	Quite a bit	725	46	5,210	43	7,994	42	1,998	44							
		4	Very much	417	26	3,231	27	5,296	29	1,236	27							
		Total	1,579	100	12,006	100	18,723	100	4,576	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	65	4	567	5	718	4	157	3	2.9	2.9	.05	2.9	-.04	2.9	-.02
		2	Some	423	27	3,387	28	4,838	26	1,196	27							
		3	Quite a bit	692	44	5,250	43	8,276	43	2,065	45							
		4	Very much	399	25	2,814	23	4,897	27	1,167	25							
		Total	1,579	100	12,018	100	18,729	100	4,585	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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	67	4	649	6	858	5	208	5	2.9	2.8	.03	2.9	-.04	2.9	-.02
		2	Some	432	28	3,397	29	4,950	27	1,196	27							
		3	Quite a bit	715	45	5,086	42	8,090	43	2,028	44							
		4	Very much	367	23	2,868	23	4,796	26	1,143	25							
		Total	1,581	100	12,000	100	18,694	100	4,575	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	19	1	244	2	321	2	62	1	3.2	3.1	.04	3.2	-.02	3.2	-.02
		2	Some	243	15	2,166	18	3,178	17	743	16							
		3	Quite a bit	793	50	5,503	45	8,221	43	2,121	45							
		4	Very much	542	34	4,179	35	7,113	39	1,688	37							
		Total	1,597	100	12,092	100	18,833	100	4,614	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	25	2	321	3	514	3	94	2	3.1	3.1 **	.07	3.1	.02	3.1	-.01
		2	Some	257	16	2,347	19	3,464	18	789	17							
		3	Quite a bit	815	51	5,645	46	8,416	44	2,157	47							
		4	Very much	498	32	3,748	32	6,397	35	1,562	34							
		Total	1,595	100	12,061	100	18,791	100	4,602	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	25	2	353	3	570	3	93	2	3.1	3.1 **	.07	3.1	.02	3.1	.01
		2	Some	301	19	2,445	20	3,600	19	852	19							
		3	Quite a bit	699	44	5,146	42	7,678	40	2,006	44							
		4	Very much	564	36	4,073	34	6,897	38	1,639	36							
		Total	1,589	100	12,017	100	18,745	100	4,590	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	78	5	962	8	1,250	7	282	6	2.9	2.8 ***	.13	2.9	.03	2.9 *	.07
		2	Some	414	26	3,434	28	4,969	26	1,256	28							
		3	Quite a bit	625	40	4,366	36	6,798	36	1,746	38							
		4	Very much	467	30	3,268	27	5,723	31	1,306	28							
		Total	1,584	100	12,030	100	18,740	100	4,590	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	110	7	1,096	9	1,526	8	344	7	2.8	2.7	.02	2.8 *	-.06	2.8	-.02
		2	Some	508	31	3,691	30	5,469	29	1,438	31							
		3	Quite a bit	625	40	4,489	38	6,731	35	1,700	37							
		4	Very much	345	22	2,715	23	4,962	28	1,099	24							
		Total	1,588	100	11,991	100	18,688	100	4,581	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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>
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	210	13	1,648	13	2,822	14	664	14	2.5	2.6	-.04	2.5	-.01	2.5	-.02
		2	Sometimes	580	36	4,371	35	6,761	35	1,646	35							
		3	Often	590	37	4,084	35	6,189	34	1,563	35							
		4	Very often	217	14	1,966	17	3,053	17	738	17							
		Total	1,597	100	12,069	100	18,825	100	4,611	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	345	21	2,669	21	4,293	22	1,006	21	2.2	2.3 *	-.05	2.3 *	-.05	2.3 *	-.06
		2	Sometimes	693	43	4,921	41	7,485	39	1,852	40							
		3	Often	414	27	3,140	27	4,822	26	1,212	27							
		4	Very often	140	9	1,313	12	2,167	12	524	12							
		Total	1,592	100	12,043	100	18,767	100	4,594	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	346	21	2,612	21	4,471	23	1,059	22	2.2	2.3 **	-.07	2.2	-.04	2.3 **	-.07
		2	Sometimes	727	46	5,054	42	7,590	40	1,826	40							
		3	Often	395	25	3,178	27	4,710	26	1,199	27							
		4	Very often	119	8	1,153	10	1,932	11	499	11							
		Total	1,587	100	11,997	100	18,703	100	4,583	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum  (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	29	2	430	4	893	5	209	5	6.9	6.7	.04	6.1 ***	.15	6.3 ***	.11
		1.5	1-2	219	15	2,159	20	3,723	22	864	20							
		4	3-5	546	37	3,654	33	5,640	33	1,389	33							
		8	6-10	424	29	2,693	24	4,134	24	1,043	24							
		13	11-15	157	10	1,120	10	1,621	9	435	10							
		18	16-20	70	5	567	5	674	4	177	4							
		23	More than 20	47	3	433	4	581	3	143	3							
		Total	1,492	100	11,056	100	17,266	100	4,260	100								
b. Between 6 and 10 pages	wrmednum  (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	368	25	3,366	32	6,408	39	1,625	41	2.3	2.1 **	.09	1.8 ***	.21	1.7 ***	.25
		1.5	1-2	622	42	4,820	44	6,874	40	1,667	40							
		4	3-5	375	26	1,806	17	2,374	14	585	14							
		8	6-10	84	6	557	5	706	4	144	4							
		13	11-15	10	1	127	1	169	1	39	1							
		18	16-20	4	0	39	0	38	0	7	0							
		23	More than 20	5	0	39	0	51	0	12	0							
		Total	1,468	100	10,754	100	16,620	100	4,079	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).



# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public	Public Masters L	Selected Peers			
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>		
c. 11 pages or more	wrlongnum	0	None	1,166	82	8,186	78	13,194	81	3,269	82	0.6	0.7 **	-.07	0.7 *	-.06	0.6	-.03
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	197	14	1,652	15	2,214	13	529	13							
		4	3-5	23	2	312	3	402	3	87	2							
		8	6-10	11	1	132	1	188	1	51	1							
		13	11-15	9	1	75	1	130	1	24	1							
		18	16-20	6	0	41	0	49	0	11	0							
		23	More than 20	4	0	39	0	84	1	22	1							
		Total	1,416	100	10,437	100	16,261	100	3,993	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)										45	45	.00	41 ***	.09	40 ***	.09
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	53	4	624	6	934	6	181	4	2.9	3.0	-.04	3.0 ***	-.11	3.1 ***	-.15
		2	Sometimes	487	32	3,085	27	4,330	24	1,084	24							
		3	Often	480	32	3,419	31	5,280	30	1,339	32							
		4	Very often	503	33	4,125	36	7,029	40	1,703	40							
		Total	1,523	100	11,253	100	17,573	100	4,307	100								
b. People from an economic background other than your own	DDeconomic	1	Never	40	3	554	5	879	5	188	4	3.0	3.0	.03	3.0	.00	3.1	-.03
		2	Sometimes	386	25	2,747	24	4,090	23	989	23							
		3	Often	569	38	3,929	35	5,991	34	1,492	35							
		4	Very often	521	34	3,990	35	6,560	37	1,624	38							
		Total	1,516	100	11,220	100	17,520	100	4,293	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	72	5	734	7	1,171	7	235	5	3.0	3.0 *	.06	3.0	.04	3.0	.00
		2	Sometimes	399	26	2,875	26	4,342	25	1,059	25							
		3	Often	479	31	3,534	32	5,322	30	1,365	32							
		4	Very often	566	38	4,063	36	6,645	38	1,624	38							
		Total	1,516	100	11,206	100	17,480	100	4,283	100								
d. People with political views other than your own	DDpolitical	1	Never	48	3	682	6	1,145	7	223	5	3.1	3.0 ***	.08	3.0 ***	.10	3.1	.03
		2	Sometimes	354	23	2,629	24	4,155	24	972	23							
		3	Often	535	35	3,662	33	5,576	32	1,397	33							
		4	Very often	575	38	4,205	37	6,543	37	1,682	39							
		Total	1,512	100	11,178	100	17,419	100	4,274	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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>	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	8	0			176	2	232	1	3.2	3.1 **	.07	3.1	.02	3.1 *	.06	
		2	Sometimes	266	18	2,221	20	3,253	19	797	19								
		3	Often	704	47	4,933	44	7,773	44	1,938	46								
		4	Very often	535	35	3,838	34	6,195	36	1,484	34								
		Total	1,513	100	11,168	100	17,453	100	4,277	100									
b. Reviewed your notes after class	LSnotes	1	Never	58	4	535	5	779	5	201	5	2.9	2.9	-.02	3.0	-.05	2.9	.05	
		2	Sometimes	465	31	3,217	29	4,872	29	1,351	33								
		3	Often	527	35	3,737	34	5,986	34	1,432	33								
		4	Very often	460	30	3,652	32	5,765	33	1,280	29								
		Total	1,510	100	11,141	100	17,402	100	4,264	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	85	6	687	6	1,037	6	246	6	2.8	2.8	-.03	2.9 *	-.06	2.8	-.02	
		2	Sometimes	480	32	3,412	31	5,138	30	1,348	32								
		3	Often	570	39	3,928	36	6,313	37	1,532	37								
		4	Very often	362	24	3,007	27	4,756	28	1,106	25								
		Total	1,497	100	11,034	100	17,244	100	4,232	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	4	0	50	1	61	0	14	0	5.6	5.5 ***	.10	5.5 ***	.09	5.5 ***	.13	
		2		14	1	104	1	162	1	42	1								
		3		21	1	355	4	525	3	116	3								
		4		109	7	1,135	10	1,804	11	432	10								
		5		512	34	3,570	32	5,697	32	1,494	35								
		6		557	37	3,622	32	5,493	31	1,368	31								
		7	Very much	299	19	2,297	20	3,646	21	793	18								
		Total	1,516	100	11,133	100	17,388	100	4,259	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
			GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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>
11. Which of the following have you done or do you plan to do before you graduate? <sup>f</sup>																	
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	152 47 1,255 62 1,516	10 3 82 4 100	1,255 471 8,620 781 11,127	11 5 77 7 100	2,075 785 13,353 1,171 17,384	13 5 76 7 100	468 177 3,323 289 4,257	11 5 78 7 100	4%	7% ***	-.13	7% ***	-.12	7% ***	-.11
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	444 451 499 119 1,513	29 30 33 8 100	3,152 2,787 3,915 1,237 11,091	28 26 35 11 100	4,976 4,426 6,038 1,895 17,335	28 26 34 11 100	1,257 987 1,544 466 4,254	29 23 36 11 100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	581 457 330 141 1,509	39 30 22 9 100	3,108 3,188 2,538 2,244 11,078	29 29 23 18 100	5,513 4,703 4,637 2,437 17,290	32 27 27 14 100	1,229 1,306 986 718 4,239	29 31 23 17 100							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	448 349 675 39 1,511	30 24 44 3 100	3,270 3,390 4,059 356 11,075	29 32 35 3 100	5,274 5,355 6,193 482 17,304	31 32 35 3 100	1,250 1,301 1,577 115 4,243	29 32 36 3 100							
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	630 415 419 43 1,507	42 27 28 3 100	4,236 2,820 3,436 520 11,012	38 25 33 5 100	6,703 4,601 5,038 881 17,223	39 26 30 5 100	1,613 1,238 1,209 165 4,225	38 28 30 4 100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	450 119 914 26 1,509	30 8 61 2 100	3,673 1,127 5,947 286 11,033	33 11 53 3 100	5,933 1,788 9,063 457 17,241	35 11 52 3 100	1,496 463 2,160 109 4,228	35 11 51 3 100	2%	3% *	-.06	3% *	-.07	3% *	-.06

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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>
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1	None	774	51	5,587	52	8,139	48	2,080	50	1.6	1.5	.01	1.6 ***	-.09	1.6	-.04
		2	Some	643	42	4,710	42	7,671	44	1,844	43							
		3	Most	85	6	595	5	1,156	7	249	6							
		4	All	8	1	87	1	194	1	40	1							
		Total		1,510	100	10,979	100	17,160	100	4,213	100							
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	8	0	164	2	338	2	80	2	5.6	5.5 **	.07	5.5 **	.07	5.6	.05
		2		31	2	243	2	358	2	82	2							
		3		64	4	522	5	861	5	192	5							
		4		129	8	1,107	10	1,748	10	410	10							
		5		378	25	2,620	24	3,964	23	962	23							
		6	502	33	3,350	30	4,947	28	1,283	30								
		7	Excellent	399	27	3,062	28	5,088	30	1,234	29							
		—	Not applicable	1	0	38	0	61	0	18	0							
		Total		1,512	100	11,106	100	17,365	100	4,261	100							
b. Academic advisors	QIadvisor	1	Poor	101	7	432	4	825	5	147	3	4.9	5.1 ***	-.12	5.0 *	-.07	5.1 ***	-.14
		2		99	6	608	5	1,091	6	270	6							
		3		121	8	984	9	1,601	9	324	7							
		4		172	11	1,553	14	2,453	14	574	14							
		5		237	16	2,236	20	3,275	18	883	20							
		6	304	20	2,370	21	3,690	21	960	23								
		7	Excellent	315	21	2,717	25	4,124	25	1,036	25							
		—	Not applicable	159	11	174	2	283	2	59	1							
		Total		1,508	100	11,074	100	17,342	100	4,253	100							
c. Faculty	QIfaculty	1	Poor	21	1	203	2	364	2	66	2	5.3	5.2 *	.05	5.2	.04	5.2 *	.06
		2		59	4	387	3	622	4	151	4							
		3		96	6	838	7	1,283	7	313	7							
		4		196	13	1,641	15	2,476	14	641	15							
		5		380	25	2,829	25	4,265	24	1,093	26							
		6	477	32	3,070	28	4,710	27	1,178	28								
		7	Excellent	267	18	1,992	19	3,406	21	760	18							
		—	Not applicable	10	1	69	1	109	1	25	1							
		Total		1,506	100	11,029	100	17,235	100	4,227	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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.)	Qlstaff	1	Poor	66	4	550	5	928	6	172	4	5.0	4.9 ***	.09	4.9 **	.08	4.9	.06	
		2		69	5	573	5	916	5	230	6								
		3		119	8	834	8	1,374	8	323	8								
		4		186	12	1,526	14	2,379	14	598	14								
		5		330	22	2,386	21	3,473	20	945	22								
		6		348	23	2,237	20	3,636	20	958	22								
		7	Excellent	272	18	1,757	16	3,099	18	705	17								
		—	Not applicable	110	8	1,182	11	1,459	9	309	7								
		Total		1,500	100	11,045	100	17,264	100	4,240	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	69	4	600	6	994	6	203	5	4.9	4.8 **	.08	4.8 *	.07	4.8 **	.08	
		2		101	7	725	6	1,161	7	277	7								
		3		95	6	976	9	1,609	9	380	9								
		4		190	12	1,708	15	2,699	15	683	16								
		5		293	20	2,336	21	3,545	20	916	22								
		6		344	23	2,144	19	3,520	20	918	21								
		7	Excellent	223	15	1,683	16	2,918	18	615	15								
		—	Not applicable	193	13	880	8	836	5	247	6								
		Total		1,508	100	11,052	100	17,282	100	4,239	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	10	1	169	2	252	2	54	2	3.3	3.2 ***	.11	3.2 ***	.14	3.2 ***	.16	
		2	Some	144	10	1,539	15	2,585	17	655	17								
		3	Quite a bit	720	51	4,639	45	7,316	45	1,836	46								
		4	Very much	570	39	3,963	38	6,050	37	1,459	36								
		Total		1,444	100	10,310	100	16,203	100	4,004	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	45	3	386	4	624	4	143	4	3.2	3.1 ***	.20	3.1 ***	.18	3.1 ***	.19	
		2	Some	190	13	2,012	20	2,997	19	781	20								
		3	Quite a bit	559	40	4,220	41	6,529	40	1,615	41								
		4	Very much	636	44	3,634	35	5,957	36	1,438	35								
		Total		1,430	100	10,252	100	16,107	100	3,977	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	54	4	596	6	927	6	224	6	3.3	3.1 ***	.26	3.1 ***	.21	3.1 ***	.26	
		2	Some	152	11	1,843	18	2,538	16	698	18								
		3	Quite a bit	486	34	3,746	37	5,768	36	1,461	37								
		4	Very much	741	51	4,075	39	6,884	42	1,612	39								
		Total		1,433	100	10,260	100	16,117	100	3,995	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	170	12	1,258	12	1,909	12	432	11	2.7	2.7	.00	2.7	-.03	2.7 *	-.06
		2	Some	451	31	3,249	32	4,795	30	1,188	30							
		3	Quite a bit	475	33	3,292	32	5,274	32	1,319	33							
		4	Very much	338	23	2,472	24	4,162	26	1,049	26							
		Total	1,434	100	10,271	100	16,140	100	3,988	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	63	4	564	6	898	6	194	5	3.1	3.0 ***	.10	3.0 ***	.09	3.0	.06
		2	Some	286	20	2,300	23	3,531	23	854	22							
		3	Quite a bit	553	39	3,969	38	6,052	37	1,515	38							
		4	Very much	536	37	3,425	33	5,641	34	1,422	35							
		Total	1,438	100	10,258	100	16,122	100	3,985	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	77	5	666	6	972	7	180	5	3.0	3.0 **	.07	3.0	.04	3.0	.00
		2	Some	268	19	2,249	22	3,337	21	845	22							
		3	Quite a bit	596	42	3,868	38	6,103	38	1,514	38							
		4	Very much	489	34	3,429	33	5,646	35	1,438	36							
		Total	1,430	100	10,212	100	16,058	100	3,977	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	281	19	2,120	21	3,185	21	718	18	2.4	2.4	.02	2.4	-.03	2.5 *	-.06
		2	Some	521	37	3,676	36	5,527	34	1,383	35							
		3	Quite a bit	417	29	2,843	28	4,539	28	1,178	30							
		4	Very much	211	15	1,563	15	2,779	17	683	17							
		Total	1,430	100	10,202	100	16,030	100	3,962	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	73	5	739	8	1,176	8	234	6	3.0	2.9 ***	.09	2.9 ***	.08	2.9 *	.07
		2	Some	333	24	2,572	25	3,881	24	1,022	26							
		3	Quite a bit	566	40	3,851	38	5,966	37	1,492	38							
		4	Very much	452	31	3,022	30	4,987	30	1,217	30							
		Total	1,424	100	10,184	100	16,010	100	3,965	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	166	12	1,491	15	2,161	14	500	13	2.6	2.5 **	.08	2.6	.02	2.6	.03
		2	Some	479	34	3,545	35	5,133	32	1,371	35							
		3	Quite a bit	506	36	3,221	32	5,305	33	1,301	33							
		4	Very much	275	19	1,913	19	3,385	21	781	20							
		Total	1,426	100	10,170	100	15,984	100	3,953	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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>
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs  (Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	3	0	34	0	75	1	20	1	14.2	14.3	-.01	12.7 ***	.19	12.9 ***	.17
		3	1-5 hrs	164	12	1,407	14	2,815	18	661	17							
		8	6-10 hrs	385	27	2,451	24	4,435	28	1,092	27							
		13	11-15 hrs	296	21	2,192	21	3,493	22	873	22							
		18	16-20 hrs	296	21	1,848	18	2,553	15	668	16							
		23	21-25 hrs	149	10	1,140	11	1,454	9	358	9							
		28	26-30 hrs	84	6	609	6	662	4	158	4							
		33	More than 30 hrs	64	4	564	5	619	4	140	4							
Total			1,441	100	10,245	100	16,106	100	3,970	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  (Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	422	29	3,531	36	5,854	38	1,281	33	4.4	5.0 ***	-.09	4.9 **	-.07	5.1 ***	-.11
		3	1-5 hrs	641	44	3,445	33	5,419	32	1,450	35							
		8	6-10 hrs	215	15	1,593	15	2,233	14	616	16							
		13	11-15 hrs	92	7	777	8	1,236	8	302	8							
		18	16-20 hrs	29	2	448	4	699	4	178	5							
		23	21-25 hrs	22	1	207	2	325	2	67	2							
		28	26-30 hrs	9	1	82	1	125	1	33	1							
		33	More than 30 hrs	6	0	86	1	145	1	27	1							
Total			1,436	100	10,169	100	16,036	100	3,954	100								
c. Working for pay on campus	tmworkonhrs  (Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	1,220	85	8,142	79	13,175	82	3,245	83	1.7	2.6 ***	-.14	2.1 **	-.07	2.1 **	-.07
		3	1-5 hrs	29	2	315	3	531	3	123	3							
		8	6-10 hrs	69	5	637	6	937	5	241	5							
		13	11-15 hrs	75	5	536	5	668	4	163	4							
		18	16-20 hrs	31	2	341	4	498	3	111	3							
		23	21-25 hrs	7	1	122	1	136	1	39	1							
		28	26-30 hrs	5	0	46	0	42	0	12	0							
		33	More than 30 hrs	0	0	63	1	81	1	22	1							
Total			1,436	100	10,202	100	16,068	100	3,956	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

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

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

				GVSU		Great Lakes						GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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. Working for pay <b>off campus</b>	tmworkoffhrs  (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	1,103	77	6,899	68	10,546	66	2,642	68	3.2	5.3 ***	-.22	5.8 ***	-.26	5.3 ***	-.23	
		3	1-5 hrs	62	4	484	5	811	5	189	5								
		8	6-10 hrs	65	4	545	5	917	6	215	6								
		13	11-15 hrs	71	5	579	6	921	6	219	5								
		18	16-20 hrs	72	5	622	6	1,003	6	245	6								
		23	21-25 hrs	32	2	407	4	712	5	185	4								
		28	26-30 hrs	18	1	239	2	440	3	89	2								
		33	More than 30 hrs	13	1	378	4	632	5	142	4								
		Total	1,436	100	10,153	100	15,982	100	3,926	100									
		e. Doing community service or volunteer work	tmservicehrs  (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	930	66	5,698	58	9,248	58								2,217
3	1-5 hrs			397	28	3,395	32	4,917	30	1,294	32								
8	6-10 hrs			44	3	518	5	939	6	218	6								
13	11-15 hrs			20	1	233	2	417	3	93	2								
18	16-20 hrs			11	1	131	1	215	1	43	1								
23	21-25 hrs			10	1	59	1	86	1	26	1								
28	26-30 hrs			3	0	27	0	39	0	17	1								
33	More than 30 hrs			1	0	28	0	50	0	9	0								
Total	1,416			100	10,089	100	15,911	100	3,917	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs  (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)			0	0 hrs	9	1	126	1	279	2	40	1	13.9	13.1 ***	.09	12.5 ***	.15	13.4
		3	1-5 hrs	211	15	1,906	19	3,455	22	720	18								
		8	6-10 hrs	387	27	2,707	26	4,296	27	1,076	27								
		13	11-15 hrs	304	21	2,115	21	3,125	19	807	21								
		18	16-20 hrs	237	17	1,484	15	2,112	13	553	14								
		23	21-25 hrs	121	9	777	8	1,130	7	303	8								
		28	26-30 hrs	53	4	362	4	573	4	168	4								
		33	More than 30 hrs	101	7	652	7	1,002	7	268	7								
		Total	1,423	100	10,129	100	15,972	100	3,935	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).



# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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	1,250	88	7,768	76	11,759	73	3,096	78	1.0	2.7 ***	-.25	3.1 ***	-.29	2.3 ***	-.22	
		3	1-5 hrs	110	8	1,094	11	1,957	13	392	10								
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	19	1	426	4	740	5	147	4								
		13	11-15 hrs	21	2	244	3	433	3	90	2								
		18	16-20 hrs	5	0	174	2	288	2	62	2								
		23	21-25 hrs	6	0	80	1	136	1	30	1								
		28	26-30 hrs	4	0	44	0	85	1	19	1								
		33	More than 30 hrs	8	1	291	3	524	4	92	2								
		Total	1,423	100	10,121	100	15,922	100	3,928	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	624	44	3,622	34	5,885	35	1,516	38	2.9	4.0 ***	-.20	4.1 ***	-.21	3.7 ***	-.15	
		3	1-5 hrs	592	41	4,366	44	6,687	43	1,689	42								
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	144	10	1,331	14	2,029	13	428	11								
		13	11-15 hrs	37	3	434	5	691	5	150	4								
		18	16-20 hrs	14	1	210	2	334	2	76	2								
		23	21-25 hrs	6	0	88	1	147	1	33	1								
		28	26-30 hrs	6	0	34	0	69	0	16	0								
		33	More than 30 hrs	6	0	88	1	169	1	36	1								
		Total	1,429	100	10,173	100	16,011	100	3,944	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										4.9	7.8 ***	-.27	7.8 ***	-.26	7.3 ***	-.23		
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																			
	tmreadhrs	0	0 hrs	46	3	439	4	605	4	136	4	5.9	6.0	-.03	6.0	-.01	5.8	.01	
		3	1-5 hrs	820	57	5,790	57	9,235	57	2,314	58								
	(Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	375	26	2,508	24	3,994	25	988	25								
		13	11-15 hrs	128	9	874	8	1,352	9	330	8								
		18	16-20 hrs	48	3	367	4	547	3	140	3								
		23	21-25 hrs	12	1	142	1	191	1	39	1								
		28	26-30 hrs	7	0	38	0	67	1	14	0								
		33	More than 30 hrs	1	0	48	0	71	1	11	0								
		Total	1,437	100	10,206	100	16,062	100	3,972	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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>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	78	5	825	8	986	6	259	7	<b>2.9</b>	2.8 ***	.12	2.9	-.02	2.9	.04	
		2	Some	333	23	2,776	27	3,852	24	956	24								
		3	Quite a bit	652	45	4,133	40	6,589	41	1,702	43								
		4	Very much	373	26	2,468	24	4,616	30	1,048	26								
		Total		1,436	100	10,202	100	16,043	100	3,965	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	208	15	1,245	12	1,465	9	369	10	<b>2.5</b>	2.6 ***	-.13	2.8 ***	-.29	2.7 ***	-.22	
		2	Some	507	35	3,194	31	4,556	28	1,190	31								
		3	Quite a bit	495	35	3,752	37	6,116	38	1,525	38								
		4	Very much	221	15	1,974	20	3,855	25	860	21								
		Total		1,431	100	10,165	100	15,992	100	3,944	100								
c. Thinking critically and analytically	pgthink	1	Very little	31	2	366	4	500	3	123	3	<b>3.1</b>	3.1 **	.09	3.1 *	.05	3.1 **	.09	
		2	Some	247	17	1,998	20	3,108	20	807	21								
		3	Quite a bit	660	46	4,557	44	6,994	43	1,730	44								
		4	Very much	494	34	3,260	33	5,394	34	1,298	32								
		Total		1,432	100	10,181	100	15,996	100	3,958	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	184	12	1,435	13	2,217	13	563	14	<b>2.6</b>	2.6 *	-.06	2.6 *	-.05	2.6	-.02	
		2	Some	501	35	3,163	31	5,118	32	1,276	32								
		3	Quite a bit	502	35	3,540	35	5,390	34	1,317	33								
		4	Very much	247	18	2,033	21	3,263	21	796	20								
		Total		1,434	100	10,171	100	15,988	100	3,952	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	205	14	1,356	14	2,171	14	475	12	<b>2.5</b>	2.6 ***	-.10	2.6 ***	-.10	2.6 ***	-.11	
		2	Some	515	36	3,167	31	4,914	31	1,261	32								
		3	Quite a bit	475	33	3,473	34	5,532	34	1,421	36								
		4	Very much	238	17	2,190	21	3,386	21	792	20								
		Total		1,433	100	10,186	100	16,003	100	3,949	100								
f. Working effectively with others	pgothers	1	Very little	65	5	735	7	1,106	7	257	7	<b>2.9</b>	2.8 *	.06	2.9	.02	2.8	.05	
		2	Some	400	28	2,814	28	4,235	27	1,105	28								
		3	Quite a bit	617	43	4,002	39	6,275	39	1,567	39								
		4	Very much	346	24	2,610	25	4,342	27	1,026	25								
		Total		1,428	100	10,161	100	15,958	100	3,955	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### First-Year Students

First-Year Students				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	190	14	1,479	15	1,893	13	435	11	2.6	2.6	-.03	2.7 ***	-.13	2.7 ***	-.12
		2	Some	488	34	3,101	30	4,656	29	1,201	31							
		3	Quite a bit	487	34	3,464	34	5,527	34	1,415	35							
		4	Very much	268	18	2,111	21	3,904	24	901	22							
		Total	1,433	100	10,155	100	15,980	100	3,952	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	154	11	1,245	12	1,648	11	357	9	2.7	2.7	-.03	2.8 ***	-.11	2.8 ***	-.13
		2	Some	492	34	3,098	30	4,605	29	1,190	30							
		3	Quite a bit	480	34	3,455	34	5,508	34	1,374	35							
		4	Very much	305	21	2,372	23	4,226	26	1,035	26							
		Total	1,431	100	10,170	100	15,987	100	3,956	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	167	12	1,375	14	1,972	13	446	12	2.6	2.6	.00	2.6	-.03	2.6	-.04
		2	Some	491	34	3,312	32	5,233	33	1,307	33							
		3	Quite a bit	527	37	3,514	34	5,454	34	1,412	36							
		4	Very much	245	17	1,956	20	3,314	21	790	20							
		Total	1,430	100	10,157	100	15,973	100	3,955	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	157	11	1,327	13	1,834	12	403	11	2.6	2.6	.03	2.7	-.03	2.7	-.05
		2	Some	468	33	3,327	32	4,987	31	1,272	32							
		3	Quite a bit	533	37	3,497	35	5,586	34	1,423	36							
		4	Very much	264	19	1,967	20	3,509	22	842	21							
		Total	1,422	100	10,118	100	15,916	100	3,940	100								
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	10	1	182	2	253	2	50	1	3.3	3.2 ***	.16	3.2 ***	.19	3.2 ***	.16
		2	Fair	118	8	1,182	12	1,840	12	434	11							
		3	Good	723	50	5,283	51	8,502	53	2,105	53							
		4	Excellent	581	41	3,565	35	5,447	34	1,379	34							
		Total	1,432	100	10,212	100	16,042	100	3,968	100								
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	35	2	377	4	596	4	124	3	3.3	3.2 *	.06	3.2 ***	.12	3.2 *	.06
		2	Probably no	155	11	1,162	11	2,078	13	442	11							
		3	Probably yes	595	42	4,261	42	6,815	43	1,703	43							
		4	Definitely yes	647	45	4,420	43	6,578	40	1,702	43							
		Total	1,432	100	10,220	100	16,067	100	3,971	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

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

				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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	24	2	333	2	640	2	176	2	<b>3.2</b>	3.1	.05	3.2	.01	3.1 **	.08	
		2	Sometimes	370	23	4,006	24	7,063	22	2,165	25								
		3	Often	509	32	5,439	32	10,255	32	2,896	32								
		4	Very often	713	44	7,310	42	14,146	44	3,664	41								
		Total	1,616	100	17,088	100	32,104	100	8,901	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	340	21	3,720	23	5,989	18	1,856	21	<b>2.3</b>	2.4	-.03	2.5 ***	-.15	2.4 *	-.05	
		2	Sometimes	611	38	6,105	35	11,090	34	3,211	36								
		3	Often	397	25	4,080	24	8,354	26	2,221	25								
		4	Very often	255	16	3,082	18	6,529	21	1,575	18								
		Total	1,603	100	16,987	100	31,962	100	8,863	100									
c. Come to class without completing readings or assignments	unpreparedr  (Reverse-coded version of unprepared created by NSSE.)	1	Very often	86	5	1,017	6	1,748	6	520	6	<b>2.9</b>	3.0 *	-.06	3.0 ***	-.14	3.0	-.05	
		2	Often	235	15	2,323	14	3,902	12	1,243	14								
		3	Sometimes	972	60	9,385	55	17,704	55	5,055	57								
		4	Never	311	19	4,234	24	8,529	27	2,031	23								
		Total	1,604	100	16,959	100	31,883	100	8,849	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	707	44	7,731	46	14,088	45	3,817	44	<b>1.8</b>	1.8	-.01	1.8	-.03	1.8 *	-.05	
		2	Sometimes	620	39	6,082	36	11,544	36	3,264	37								
		3	Often	170	10	1,860	11	3,725	12	993	11								
		4	Very often	103	6	1,257	7	2,507	8	749	8								
		Total	1,600	100	16,930	100	31,864	100	8,823	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	143	9	2,105	13	3,942	13	1,018	12	<b>2.5</b>	2.4 ***	.10	2.4 ***	.13	2.4 ***	.12	
		2	Sometimes	710	45	7,815	46	15,144	48	4,224	48								
		3	Often	525	33	4,740	28	8,531	26	2,459	27								
		4	Very often	219	13	2,261	13	4,227	13	1,129	13								
		Total	1,597	100	16,921	100	31,844	100	8,830	100									
f. Explained course material to one or more students	CLexplain	1	Never	42	3	705	4	1,156	4	279	3	<b>2.8</b>	2.8 *	.06	2.8 **	.06	2.8 **	.07	
		2	Sometimes	535	34	5,962	36	11,462	37	3,199	37								
		3	Often	666	42	6,354	38	11,823	37	3,428	39								
		4	Very often	335	21	3,562	22	6,851	22	1,780	20								
		Total	1,578	100	16,583	100	31,292	100	8,686	100									

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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	251	16	3,103	19	5,248	17	1,433	17	2.4	2.4	.01	2.5	-.01	2.4	.00
		2	Sometimes	636	40	6,117	37	11,927	38	3,391	39							
		3	Often	422	27	4,427	26	8,349	26	2,337	27							
		4	Very often	276	17	2,976	18	5,799	18	1,531	17							
		Total	1,585	100	16,623	100	31,323	100	8,692	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	38	3	998	6	1,788	6	472	6	3.0	2.9 ***	.10	2.8 ***	.14	2.8 ***	.14
		2	Sometimes	432	27	4,783	29	9,485	31	2,682	31							
		3	Often	640	41	5,995	36	11,119	35	3,134	36							
		4	Very often	471	29	4,815	29	8,848	28	2,386	27							
		Total	1,581	100	16,591	100	31,240	100	8,674	100								
i. Gave a course presentation	present	1	Never	113	7	1,823	11	3,060	11	788	9	2.8	2.7 ***	.13	2.7 ***	.08	2.7 **	.08
		2	Sometimes	498	32	5,529	34	10,047	33	2,879	34							
		3	Often	568	36	5,335	32	10,145	32	2,896	33							
		4	Very often	401	25	3,879	23	7,899	25	2,095	24							
		Total	1,580	100	16,566	100	31,151	100	8,658	100								
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	19	1	442	3	950	3	219	3	3.1	3.0 ***	.09	3.0 ***	.11	3.0 ***	.11
		2	Sometimes	359	23	4,029	25	7,528	25	2,099	25							
		3	Often	624	40	6,459	40	12,081	39	3,449	40							
		4	Very often	573	36	5,383	33	10,196	33	2,786	32							
		Total	1,575	100	16,313	100	30,755	100	8,553	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	68	5	1,066	7	1,771	6	439	6	2.9	2.8 ***	.13	2.8 **	.08	2.8 ***	.09
		2	Sometimes	450	30	5,148	32	9,147	30	2,598	31							
		3	Often	561	35	5,773	36	11,062	36	3,123	37							
		4	Very often	483	30	4,135	26	8,434	27	2,287	26							
		Total	1,562	100	16,122	100	30,414	100	8,447	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	127	9	1,961	13	3,108	11	841	11	2.7	2.6 ***	.10	2.7	.03	2.6 *	.06
		2	Sometimes	558	36	5,791	36	10,477	34	2,995	36							
		3	Often	504	32	4,895	30	9,624	31	2,691	31							
		4	Very often	379	24	3,504	21	7,232	23	1,940	22							
		Total	1,568	100	16,151	100	30,441	100	8,467	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	66	4	823	5	1,431	5	372	5	2.8	2.8	.02	2.9	-.02	2.8	.01
		2	Sometimes	500	32	5,081	31	9,132	30	2,625	31							
		3	Often	624	40	6,454	40	12,273	40	3,437	41							
		4	Very often	377	24	3,763	24	7,570	25	2,017	24							
		Total	1,567	100	16,121	100	30,406	100	8,451	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	43	3	624	4	1,080	4	285	4	2.9	2.9	.03	2.9	-.01	2.9	.01
		2	Sometimes	449	29	4,564	28	8,179	27	2,324	28							
		3	Often	629	40	6,632	41	12,497	41	3,468	41							
		4	Very often	441	28	4,267	27	8,603	28	2,359	27							
		Total	1,562	100	16,087	100	30,359	100	8,436	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	19	1	395	3	676	2	169	2	3.0	2.9 ***	.09	2.9	.04	2.9 **	.08
		2	Sometimes	413	27	4,951	31	8,755	29	2,492	30							
		3	Often	700	45	6,553	41	12,387	41	3,528	42							
		4	Very often	429	27	4,132	26	8,450	28	2,233	26							
		Total	1,561	100	16,031	100	30,268	100	8,422	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	1	181	1	308	1	79	1	3.3	3.2 **	.07	3.2	.04	3.2 *	.06
		2	Sometimes	205	14	2,507	16	4,472	15	1,245	15							
		3	Often	669	43	6,772	42	12,569	42	3,549	42							
		4	Very often	669	43	6,520	41	12,822	42	3,519	41							
		Total	1,550	100	15,980	100	30,171	100	8,392	100								
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	196	13	2,752	18	4,850	17	1,261	16	2.5	2.4 ***	.10	2.5 *	.06	2.5	.04
		2	Sometimes	657	42	6,306	40	11,610	39	3,318	40							
		3	Often	389	25	4,077	25	7,884	26	2,211	26							
		4	Very often	318	20	2,886	17	5,887	19	1,638	19							
		Total	1,560	100	16,021	100	30,231	100	8,428	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	724	47	7,151	46	13,326	46	3,632	44	1.9	1.9	-.04	1.9	-.05	2.0 *	-.07
		2	Sometimes	443	29	4,535	28	8,548	28	2,443	29							
		3	Often	224	14	2,394	15	4,484	14	1,254	15							
		4	Very often	163	10	1,879	12	3,739	12	1,061	12							
		Total	1,554	100	15,959	100	30,097	100	8,390	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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	303	20	4,081	26	7,554	26	1,995	24	2.3	2.2 ***	.15	2.2 ***	.11	2.2 ***	.10
		2	Sometimes	659	42	6,624	42	12,102	40	3,572	42							
		3	Often	376	24	3,305	20	6,374	21	1,727	21							
		4	Very often	215	14	1,938	12	4,078	13	1,107	13							
		Total	1,553	100	15,948	100	30,108	100	8,401	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	372	24	3,781	25	6,252	22	1,775	22	2.2	2.2	.02	2.3 **	-.08	2.2 *	-.06
		2	Sometimes	671	43	6,992	44	12,948	43	3,743	44							
		3	Often	330	21	3,350	21	6,814	22	1,794	21							
		4	Very often	181	12	1,785	11	4,011	13	1,054	12							
		Total	1,554	100	15,908	100	30,025	100	8,366	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	138	9	1,319	8	2,307	8	645	8	2.7	2.8 ***	-.11	2.8 ***	-.14	2.8 ***	-.13
		2	Some	536	35	4,860	31	8,951	30	2,494	30							
		3	Quite a bit	583	38	6,093	38	11,767	39	3,325	40							
		4	Very much	292	19	3,676	23	7,119	24	1,930	23							
		Total	1,549	100	15,948	100	30,144	100	8,394	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	29	2	440	3	753	3	200	3	3.1	3.1	.02	3.1	.00	3.1	.03
		2	Some	251	16	2,879	18	5,214	18	1,518	19							
		3	Quite a bit	719	47	6,692	42	12,485	42	3,577	43							
		4	Very much	540	35	5,882	37	11,525	38	3,065	36							
		Total	1,539	100	15,893	100	29,977	100	8,360	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	36	2	612	4	1,005	3	263	3	3.1	3.1	.03	3.1	-.02	3.1	.03
		2	Some	301	20	3,276	20	5,831	19	1,741	21							
		3	Quite a bit	678	44	6,405	41	12,036	40	3,439	41							
		4	Very much	522	34	5,542	35	11,078	37	2,910	34							
		Total	1,537	100	15,835	100	29,950	100	8,353	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	64	4	980	6	1,399	5	382	5	2.9	2.9 *	.06	3.0 *	-.05	2.9	.01
		2	Some	384	25	4,079	26	6,899	23	2,089	25							
		3	Quite a bit	643	42	6,390	40	12,211	41	3,459	41							
		4	Very much	446	28	4,400	28	9,427	31	2,414	29							
		Total	1,537	100	15,849	100	29,936	100	8,344	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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	55	4	821	5	1,269	4	347	4	3.0	2.9 *	.05	3.0	-.04	2.9	.02
		2	Some	377	25	4,030	26	6,897	23	2,089	26							
		3	Quite a bit	665	43	6,478	41	12,313	41	3,448	41							
		4	Very much	442	28	4,486	28	9,424	31	2,452	29							
		Total	1,539	100	15,815	100	29,903	100	8,336	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	21	1	336	2	589	2	132	2	3.2	3.2	.04	3.2 *	-.06	3.2	-.04
		2	Some	226	15	2,749	17	4,454	15	1,289	15							
		3	Quite a bit	738	48	6,989	44	12,473	41	3,663	43							
		4	Very much	566	36	5,894	37	12,638	42	3,326	40							
		Total	1,551	100	15,968	100	30,154	100	8,410	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	23	1	441	3	723	3	138	2	3.1	3.1 *	.06	3.2	-.02	3.2	-.03
		2	Some	252	16	2,904	18	5,014	17	1,334	16							
		3	Quite a bit	744	48	7,305	46	12,993	43	3,873	46							
		4	Very much	531	34	5,270	34	11,326	38	3,043	37							
		Total	1,550	100	15,920	100	30,056	100	8,388	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	27	2	522	3	898	3	200	3	3.2	3.1 ***	.10	3.2	.03	3.2	.02
		2	Some	211	14	2,877	18	4,931	17	1,321	16							
		3	Quite a bit	698	45	6,508	41	11,638	38	3,467	41							
		4	Very much	601	39	5,976	38	12,550	42	3,378	41							
		Total	1,537	100	15,883	100	30,017	100	8,366	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	122	8	1,802	12	2,810	10	749	9	2.8	2.7 **	.07	2.9	-.04	2.8	-.01
		2	Some	454	30	4,633	30	7,977	27	2,335	28							
		3	Quite a bit	563	36	5,230	32	9,993	33	2,929	35							
		4	Very much	404	26	4,218	26	9,221	31	2,352	28							
		Total	1,543	100	15,883	100	30,001	100	8,365	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	73	5	1,158	7	1,974	7	533	7	2.9	2.9	.04	2.9	-.04	2.9	-.01
		2	Some	417	27	4,285	27	7,514	25	2,166	26							
		3	Quite a bit	663	43	6,114	38	11,292	37	3,269	39							
		4	Very much	384	25	4,294	27	9,160	31	2,370	29							
		Total	1,537	100	15,851	100	29,940	100	8,338	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).



# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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>
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	209	13	2,278	14	4,432	14	1,294	15	2.5	2.6 **	-.08	2.6 *	-.05	2.6	-.03
		2	Sometimes	607	38	5,336	33	10,240	33	2,887	34							
		3	Often	474	31	5,105	32	9,483	32	2,664	32							
		4	Very often	260	18	3,217	21	5,963	20	1,544	19							
		Total	1,550	100	15,936	100	30,118	100	8,389	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	295	19	3,315	20	6,155	20	1,731	20	2.4	2.4	-.04	2.4	-.03	2.4	-.01
		2	Sometimes	637	41	5,901	37	11,316	37	3,224	38							
		3	Often	409	27	4,198	27	7,941	27	2,234	27							
		4	Very often	204	14	2,504	16	4,660	16	1,197	15							
		Total	1,545	100	15,918	100	30,072	100	8,386	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	270	17	3,066	19	6,007	20	1,635	19	2.4	2.4	.01	2.4	.04	2.4	.03
		2	Sometimes	614	39	6,145	38	11,709	39	3,303	39							
		3	Often	456	30	4,403	28	8,015	27	2,254	27							
		4	Very often	202	14	2,247	15	4,207	14	1,146	14							
		Total	1,542	100	15,861	100	29,938	100	8,338	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum  (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	40	3	825	6	1,574	6	410	6	8.3	7.6 ***	.10	7.1 ***	.18	7.5 ***	.12
		1.5	1-2	240	17	2,837	19	5,597	21	1,530	20							
		4	3-5	391	27	4,152	28	8,032	30	2,183	28							
		8	6-10	347	24	3,061	21	5,784	21	1,631	21							
		13	11-15	198	14	1,569	11	2,778	10	830	11							
		18	16-20	104	7	939	6	1,603	6	472	6							
		23	More than 20	127	9	1,224	9	2,120	7	686	8							
		Total	1,447	100	14,607	100	27,488	100	7,742	100								
b. Between 6 and 10 pages	wrmednum  (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	214	15	3,191	22	6,122	23	1,816	24	3.5	3.2 **	.07	3.2 *	.06	3.1 ***	.11
		1.5	1-2	555	39	5,450	38	9,946	36	2,849	38							
		4	3-5	430	30	3,633	26	6,807	25	1,898	25							
		8	6-10	166	11	1,388	10	2,747	10	671	9							
		13	11-15	46	3	423	3	852	3	233	3							
		18	16-20	14	1	148	1	309	1	81	1							
		23	More than 20	9	1	125	1	264	1	65	1							
		Total	1,434	100	14,358	100	27,047	100	7,613	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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  (Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	490	35	6,307	44	11,974	46	3,446	46	1.7	1.8	-.03	1.9 *	-.05	1.7	-.01
		1.5	1-2	687	49	5,385	38	9,932	37	2,851	38							
		4	3-5	162	12	1,553	11	2,835	11	770	10							
		8	6-10	32	2	477	3	847	3	196	3							
		13	11-15	14	1	179	1	391	2	101	1							
		18	16-20	5	0	94	1	195	1	39	1							
		23	More than 20	5	0	121	1	302	1	80	1							
		Total	1,395	100	14,116	100	26,476	100	7,483	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)											76	73	.05	72 *	.05	70 **	.08
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	68	5	881	6	1,494	5	401	5	2.8	3.0 ***	-.17	3.1 ***	-.26	3.0 ***	-.20
		2	Sometimes	546	37	4,131	27	6,954	24	2,095	26							
		3	Often	415	28	4,335	29	8,009	28	2,338	29							
		4	Very often	454	30	5,766	39	12,118	43	3,164	40							
		Total	1,483	100	15,113	100	28,575	100	7,998	100								
b. People from an economic background other than your own	DDeconomic	1	Never	39	3	626	4	1,188	5	297	4	3.0	3.1 ***	-.10	3.1 ***	-.14	3.1 ***	-.12
		2	Sometimes	433	29	3,594	24	6,287	22	1,888	24							
		3	Often	544	37	5,145	34	9,545	33	2,727	34							
		4	Very often	467	31	5,713	38	11,502	41	3,080	39							
		Total	1,483	100	15,078	100	28,522	100	7,992	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	62	4	852	6	1,588	6	411	5	3.0	3.0 *	-.06	3.0 ***	-.09	3.0 **	-.08
		2	Sometimes	432	30	3,770	25	6,755	24	1,954	25							
		3	Often	475	32	4,696	31	8,635	30	2,493	31							
		4	Very often	506	34	5,717	38	11,443	40	3,103	39							
		Total	1,475	100	15,035	100	28,421	100	7,961	100								
d. People with political views other than your own	DDpolitical	1	Never	44	3	741	5	1,405	5	345	5	3.1	3.1	-.01	3.1	-.02	3.1	-.03
		2	Sometimes	361	25	3,397	23	6,412	23	1,768	22							
		3	Often	525	35	4,943	33	8,917	31	2,603	33							
		4	Very often	545	37	5,900	40	11,592	41	3,215	40							
		Total	1,475	100	14,981	100	28,326	100	7,931	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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>	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	16	1	378	3	522	2	161	2	3.2	3.2 **	.08	3.3	-.02	3.2 *	.06	
		2	Sometimes	223	15	2,573	17	4,196	15	1,322	17								
		3	Often	602	41	5,962	40	11,022	39	3,160	40								
		4	Very often	635	42	6,133	41	12,693	44	3,317	41								
		Total	1,476	100	15,046	100	28,433	100	7,960	100									
b. Reviewed your notes after class	LSnotes	1	Never	90	6	1,082	7	1,822	6	631	8	2.8	2.9	-.04	3.0 ***	-.14	2.8	-.02	
		2	Sometimes	502	34	4,510	30	7,706	27	2,426	31								
		3	Often	448	30	4,604	31	8,849	31	2,418	30								
		4	Very often	434	29	4,810	31	9,974	35	2,469	31								
		Total	1,474	100	15,006	100	28,351	100	7,944	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	100	7	1,113	8	1,794	6	566	7	2.8	2.8	-.03	2.9 ***	-.13	2.9	-.04	
		2	Sometimes	443	30	4,353	29	7,526	27	2,301	29								
		3	Often	536	37	5,132	34	9,798	35	2,752	35								
		4	Very often	383	26	4,290	29	9,006	32	2,266	29								
		Total	1,462	100	14,888	100	28,124	100	7,885	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	7	1	100	1	161	1	46	1	5.6	5.6	-.01	5.7 ***	-.12	5.6	-.03	
		2		14	1	236	2	348	1	95	1								
		3		43	3	462	3	783	3	231	3								
		4		106	7	1,328	9	2,223	8	668	9								
		5		462	31	4,339	29	7,497	26	2,307	29								
		6		586	39	4,915	32	9,205	32	2,727	34								
		7	Very much	258	17	3,610	24	8,133	29	1,869	24								
		Total	1,476	100	14,990	100	28,350	100	7,943	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
			GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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>
11. Which of the following have you done or do you plan to do before you graduate? <sup>f</sup>																	
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	64 198 350 864 1,476	4 14 24 58 100	901 2,536 3,471 8,096 15,004	6 18 23 53 100	2,022 4,854 7,707 13,771 28,354	7 18 28 47 100	494 1,375 2,024 4,047 7,940	7 18 25 50 100	58%	53% ***	.10	47% ***	.23	50% ***	.17
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	101 776 62 538 1,477	7 53 4 36 100	1,273 7,218 927 5,558 14,976	9 48 6 37 100	3,033 13,693 2,134 9,412 28,272	11 49 8 32 100	718 3,897 504 2,802 7,921	9 50 6 34 100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	125 869 90 385 1,469	8 60 6 26 100	1,467 8,375 985 4,104 14,931	10 57 7 27 100	3,623 14,995 2,521 7,067 28,206	13 53 10 24 100	828 4,644 560 1,872 7,904	11 59 7 23 100							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	109 1,064 83 212 1,468	8 73 6 14 100	1,518 10,655 910 1,845 14,928	10 72 6 12 100	3,521 20,063 2,070 2,542 28,196	13 71 8 8 100	855 5,622 520 900 7,897	11 72 6 11 100							
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	196 796 142 337 1,471	13 54 10 23 100	2,075 7,540 1,709 3,542 14,866	14 50 12 24 100	4,636 14,049 3,637 5,749 28,071	17 49 14 20 100	1,144 4,273 892 1,561 7,870	15 53 12 20 100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")	Have not decided Do not plan to do Plan to do Done or in progress Total	28 80 316 1,047 1,471	2 6 22 71 100	1,155 2,884 3,637 7,228 14,904	8 20 24 48 100	2,808 6,145 7,044 12,149 28,146	10 22 25 42 100	675 1,806 1,788 3,613 7,882	9 22 23 46 100	71%	48% ***	.47	42% ***	.58	46% ***	.50

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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>	
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	556	38	5,780	40	9,975	37	2,965	39	1.7	1.7	.03	1.8 *	-.06	1.7	.02	
		2	Some	756	51	7,559	49	14,657	51	4,102	51								
		3	Most	151	10	1,437	9	3,093	11	739	9								
		4	All	11	1	163	1	456	2	86	1								
		Total		1,474	100	14,939	100	28,181	100	7,892	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	6	0	159	1	275	1	74	1	5.7	5.7	.04	5.7	.01	5.7	.03	
		2		22	1	248	2	425	2	89	1								
		3		55	4	564	4	1,078	4	294	4								
		4		122	9	1,291	9	2,487	9	722	9								
		5		326	22	3,347	22	6,032	21	1,755	22								
		6		510	34	4,830	32	8,685	30	2,553	32								
		7	Excellent	434	29	4,417	30	9,170	33	2,409	30								
		—	Not applicable	1	0	142	1	179	1	41	1								
		Total		1,476	100	14,998	100	28,331	100	7,937	100								
b. Academic advisors	QIadvisor	1	Poor	83	6	943	6	1,519	5	465	6	4.9	5.0	-.03	5.1 ***	-.13	5.0 *	-.06	
		2		107	7	992	7	1,697	6	536	7								
		3		146	10	1,279	9	2,236	8	700	9								
		4		205	14	1,931	13	3,356	12	1,017	13								
		5		243	16	2,714	18	4,947	17	1,430	18								
		6		333	23	3,146	21	5,877	21	1,601	20								
		7	Excellent	326	22	3,741	25	8,242	29	2,094	27								
		—	Not applicable	31	2	212	1	378	2	84	1								
		Total		1,474	100	14,958	100	28,252	100	7,927	100								
c. Faculty	QIfaculty	1	Poor	8	1	238	2	407	2	77	1	5.6	5.5 *	.06	5.6	.01	5.6	-.01	
		2		28	2	296	2	575	2	127	2								
		3		49	3	676	5	1,254	5	300	4								
		4		135	9	1,590	10	2,767	10	811	10								
		5		374	25	3,512	23	6,047	21	1,868	23								
		6		531	36	4,759	32	8,791	31	2,550	32								
		7	Excellent	343	24	3,724	26	8,102	29	2,120	27								
		—	Not applicable	2	0	81	1	157	1	21	0								
		Total		1,470	100	14,876	100	28,100	100	7,874	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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.)	Qlstaff	1	Poor	43	3	738	5	1,515	6	351	5	5.0	4.8 ***	.15	4.8 ***	.11	4.9 ***	.09	
		2		54	4	758	5	1,449	5	371	5								
		3		106	7	1,061	7	1,967	7	547	7								
		4		209	14	1,963	13	3,386	12	997	12								
		5		293	20	2,687	18	5,050	17	1,566	19								
		6		333	23	2,623	17	5,056	18	1,444	18								
		7	Excellent	223	15	1,954	13	4,476	16	1,189	15								
		—	Not applicable	206	14	3,111	21	5,256	19	1,427	19								
	Total	1,467	100	14,895	100	28,155	100	7,892	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	30	2	952	6	1,732	6	403	5	5.1	4.7 ***	.26	4.8 ***	.19	4.8 ***	.20	
		2		57	4	996	6	1,817	6	489	6								
		3		110	7	1,412	9	2,534	9	698	9								
		4		209	14	2,396	16	4,173	14	1,232	15								
		5		319	22	3,155	21	5,927	21	1,748	22								
		6		401	27	3,014	20	5,888	20	1,716	21								
		7	Excellent	253	17	2,106	15	5,002	19	1,253	16								
		—	Not applicable	97	7	909	6	1,137	4	361	5								
	Total	1,476	100	14,940	100	28,210	100	7,900	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	10	1	333	2	575	2	160	2	3.2	3.1 ***	.13	3.1 ***	.08	3.1 ***	.15	
		2	Some	198	14	2,575	18	4,619	17	1,379	19								
		3	Quite a bit	675	48	6,464	45	11,957	44	3,508	47								
		4	Very much	520	37	4,886	34	9,721	36	2,499	33								
			Total	1,403	100	14,258	100	26,872	100	7,546	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	50	4	736	5	1,287	5	334	5	3.1	2.9 ***	.16	3.0 ***	.11	3.0 ***	.11	
		2	Some	259	19	3,494	25	6,145	24	1,704	23								
		3	Quite a bit	635	45	6,055	43	11,206	41	3,303	44								
		4	Very much	447	32	3,863	27	8,037	30	2,164	29								
			Total	1,391	100	14,148	100	26,675	100	7,505	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	80	6	1,443	10	2,475	10	709	10	3.0	2.8 ***	.23	2.9 ***	.15	2.8 ***	.19	
		2	Some	289	21	3,782	27	6,458	24	1,881	25								
		3	Quite a bit	551	40	5,279	37	9,812	36	2,869	38								
		4	Very much	472	33	3,652	26	7,994	30	2,048	27								
			Total	1,392	100	14,156	100	26,739	100	7,507	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	214	16	2,564	18	4,356	17	1,215	17	2.5	2.5	-.01	2.6 *	-.06	2.5	-.02
		2	Some	509	36	4,816	33	8,690	32	2,567	34							
		3	Quite a bit	436	32	4,136	30	8,060	30	2,249	29							
		4	Very much	235	17	2,680	19	5,684	21	1,494	19							
		Total	1,394	100	14,196	100	26,790	100	7,525	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	73	5	1,121	8	1,972	8	462	6	2.9	2.9 ***	.09	2.9 ***	.09	2.9	.04
		2	Some	332	24	3,690	26	6,879	26	1,883	26							
		3	Quite a bit	580	42	5,456	38	10,220	37	2,979	39							
		4	Very much	413	29	3,917	28	7,708	28	2,195	29							
		Total	1,398	100	14,184	100	26,779	100	7,519	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	133	10	1,613	12	2,767	11	699	10	2.8	2.8	.04	2.8	.02	2.8	-.02
		2	Some	360	26	3,822	26	7,014	26	1,934	26							
		3	Quite a bit	534	38	5,053	36	9,674	36	2,787	37							
		4	Very much	364	26	3,645	26	7,205	27	2,064	27							
		Total	1,391	100	14,133	100	26,660	100	7,484	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	496	35	5,275	37	9,097	35	2,536	34	2.0	2.0	-.02	2.1 ***	-.10	2.1 **	-.08
		2	Some	536	38	4,944	35	9,193	34	2,695	36							
		3	Quite a bit	262	19	2,614	19	5,398	20	1,464	19							
		4	Very much	101	7	1,287	9	2,978	11	799	10							
		Total	1,395	100	14,120	100	26,666	100	7,494	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	110	8	1,908	14	3,498	14	835	12	2.7	2.6 ***	.09	2.6 ***	.10	2.7 *	.07
		2	Some	437	32	4,349	30	8,173	31	2,348	31							
		3	Quite a bit	550	40	4,838	34	9,096	33	2,645	35							
		4	Very much	288	20	2,983	22	5,828	22	1,643	21							
		Total	1,385	100	14,078	100	26,595	100	7,471	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	169	13	2,591	19	4,540	18	1,206	17	2.5	2.4 ***	.14	2.4 ***	.09	2.4 ***	.11
		2	Some	529	38	5,429	38	9,731	36	2,898	39							
		3	Quite a bit	479	34	4,098	29	8,064	30	2,253	30							
		4	Very much	212	15	1,939	14	4,229	16	1,106	15							
		Total	1,389	100	14,057	100	26,564	100	7,463	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>					
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers
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>	
15. About how many hours do you spend in a typical 7-day week doing the following?																	
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs	0	0 hrs	1	0	49	0	90	0	22	0	14.4	14.6	-.02	14.0 *	.05	
		3	1-5 hrs	177	13	1,984	14	4,234	16	1,326	18						
		8	6-10 hrs	346	25	3,415	24	6,716	25	1,945	26						
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	311	22	2,871	20	5,411	20	1,523	20						
		18	16-20 hrs	244	17	2,417	17	4,393	16	1,233	16						
		23	21-25 hrs	150	11	1,470	10	2,489	9	630	8						
		28	26-30 hrs	81	6	883	6	1,540	6	404	5						
		33	More than 30 hrs	81	6	1,073	8	1,868	7	420	6						
			Total	1,391	100	14,162	100	26,741	100	7,503	100						
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	638	46	6,297	45	12,562	49	3,172	43	3.5	4.3 ***	-.12	3.9 *	-.06	
		3	1-5 hrs	472	34	4,308	31	7,903	29	2,456	32						
		8	6-10 hrs	133	9	1,599	11	2,788	10	877	12						
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	77	5	817	6	1,466	5	412	5						
		18	16-20 hrs	40	3	517	4	874	3	266	3						
		23	21-25 hrs	13	1	254	2	467	2	133	2						
		28	26-30 hrs	7	1	120	1	202	1	55	1						
		33	More than 30 hrs	8	1	176	1	326	1	88	1						
			Total	1,388	100	14,088	100	26,588	100	7,459	100						
c. Working for pay on campus	tmworkonhrs	0	0 hrs	1,078	78	10,099	71	20,090	76	5,578	75	2.9	4.2 ***	-.16	3.4 *	-.06	
		3	1-5 hrs	52	4	506	3	852	3	223	3						
		8	6-10 hrs	65	5	988	7	1,711	6	517	7						
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	84	6	865	6	1,353	5	403	5						
		18	16-20 hrs	57	4	900	6	1,626	6	449	6						
		23	21-25 hrs	40	3	346	3	453	2	177	2						
		28	26-30 hrs	5	0	193	1	197	1	49	1						
		33	More than 30 hrs	7	1	232	2	350	2	78	1						
			Total	1,388	100	14,129	100	26,632	100	7,474	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).



# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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. Working for pay off campus	tmworkoffhrs  (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	493	35	5,937	43	10,442	39	2,743	38	12.9	12.1 *	.06	13.5	-.05	13.0	-.01
		3	1-5 hrs	69	5	666	5	1,289	5	374	5							
		8	6-10 hrs	110	8	836	6	1,671	6	499	6							
		13	11-15 hrs	115	8	926	6	1,821	6	614	8							
		18	16-20 hrs	183	13	1,306	9	2,538	9	832	11							
		23	21-25 hrs	145	10	1,116	8	2,195	8	721	10							
		28	26-30 hrs	112	8	862	6	1,678	6	507	7							
		33	More than 30 hrs	156	12	2,370	17	4,854	21	1,140	16							
		Total	1,383	100	14,019	100	26,488	100	7,430	100								
e. Doing community service or volunteer work	tmservicehrs  (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	662	49	6,913	51	12,917	50	3,598	50	3.1	2.8 *	.06	3.2	-.01	2.9	.03
		3	1-5 hrs	506	36	5,240	36	9,288	34	2,734	36							
		8	6-10 hrs	99	7	968	7	2,218	8	596	8							
		13	11-15 hrs	49	3	375	3	813	3	202	3							
		18	16-20 hrs	34	2	260	2	553	2	125	2							
		23	21-25 hrs	10	1	94	1	227	1	67	1							
		28	26-30 hrs	6	1	56	0	137	1	38	1							
		33	More than 30 hrs	11	1	97	1	244	1	46	1							
		Total	1,377	100	14,003	100	26,397	100	7,406	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs  (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	18	1	336	2	825	3	169	2	11.2	11.4	-.02	10.2 ***	.12	11.3	-.01
		3	1-5 hrs	348	25	3,709	26	8,212	32	1,979	26							
		8	6-10 hrs	414	30	3,976	28	7,380	27	2,096	28							
		13	11-15 hrs	277	20	2,528	18	4,347	16	1,331	18							
		18	16-20 hrs	164	12	1,664	12	2,741	10	892	12							
		23	21-25 hrs	75	5	798	6	1,340	5	439	6							
		28	26-30 hrs	32	2	387	3	618	2	210	3							
		33	More than 30 hrs	57	5	658	5	1,087	4	338	5							
		Total	1,385	100	14,056	100	26,550	100	7,454	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

Seniors				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers	
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  (Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	1,027	75	9,244	66	15,780	57	5,070	68	4.0	5.7 ***	-.16	7.5 ***	-.30	5.3 ***	-.13	
		3	1-5 hrs	124	9	1,502	10	3,106	12	776	10								
		8	6-10 hrs	54	4	654	5	1,536	6	360	5								
		13	11-15 hrs	28	2	373	3	852	3	182	3								
		18	16-20 hrs	18	1	331	3	778	3	161	2								
		23	21-25 hrs	17	1	199	1	448	2	90	1								
		28	26-30 hrs	8	1	129	1	369	2	76	1								
		33	More than 30 hrs	100	7	1,560	11	3,619	15	712	10								
		Total	1,376	100	13,992	100	26,488	100	7,427	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs  (Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	47	3	1,850	13	3,400	13	900	12	5.6	4.7 ***	.19	5.2 **	.06	4.9 ***	.12	
		3	1-5 hrs	829	60	8,566	61	15,347	57	4,489	60								
		8	6-10 hrs	389	28	2,575	18	5,208	20	1,400	19								
		13	11-15 hrs	77	6	625	4	1,458	6	380	5								
		18	16-20 hrs	24	2	221	2	516	2	140	2								
		23	21-25 hrs	6	0	92	1	237	1	60	1								
		28	26-30 hrs	8	1	39	0	127	1	26	0								
		33	More than 30 hrs	10	1	121	1	318	1	74	1								
		Total	1,390	100	14,089	100	26,611	100	7,469	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										15.7	16.3	-.04	16.8 **	-.08	16.3	-.05		
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																			
	tmreadhrs  (Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	53	4	959	7	1,327	5	425	6	6.1	6.1	.01	6.6 ***	-.09	5.9	.05	
		3	1-5 hrs	754	54	7,538	53	13,662	51	4,065	55								
		8	6-10 hrs	381	27	3,482	25	7,083	26	1,928	25								
		13	11-15 hrs	134	10	1,241	9	2,600	10	651	9								
		18	16-20 hrs	49	3	557	4	1,204	5	269	3								
		23	21-25 hrs	12	1	195	1	417	2	75	1								
		28	26-30 hrs	6	0	86	1	195	1	30	0								
		33	More than 30 hrs	7	1	90	1	219	1	37	1								
		Total	1,396	100	14,148	100	26,707	100	7,480	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU		Great Lakes Public		Public Masters L		Selected Peers
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>
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	59	4	1,017	7	1,602	6	433	6	3.1	3.0 ***	.18	3.0 ***	.09	3.0 ***	.15
		2	Some	253	18	3,278	23	5,595	21	1,659	23							
		3	Quite a bit	547	39	5,229	37	9,825	36	2,845	38							
		4	Very much	537	39	4,588	33	9,636	36	2,520	33							
		Total	1,396	100	14,112	100	26,658	100	7,457	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	78	6	1,250	9	1,928	8	530	8	2.9	2.9 **	.08	3.0	-.02	2.9	.02
		2	Some	359	26	3,536	25	6,002	23	1,740	24							
		3	Quite a bit	518	37	5,111	36	9,770	36	2,802	37							
		4	Very much	433	31	4,176	30	8,877	33	2,362	31							
		Total	1,388	100	14,073	100	26,577	100	7,434	100								
c. Thinking critically and analytically	pgthink	1	Very little	14	1	405	3	689	3	169	2	3.4	3.3 ***	.13	3.3 ***	.12	3.3 ***	.14
		2	Some	155	11	1,965	14	3,592	14	1,024	14							
		3	Quite a bit	527	37	5,306	37	10,045	37	2,893	39							
		4	Very much	696	50	6,399	46	12,257	46	3,358	45							
		Total	1,392	100	14,075	100	26,583	100	7,444	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	151	11	1,724	12	3,162	11	931	12	2.7	2.8 *	-.05	2.8	-.05	2.7	-.01
		2	Some	432	31	3,932	27	7,465	27	2,172	29							
		3	Quite a bit	467	34	4,461	32	8,476	32	2,372	32							
		4	Very much	336	25	3,952	29	7,453	29	1,960	27							
		Total	1,386	100	14,069	100	26,556	100	7,435	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	91	7	1,165	9	2,223	9	554	8	3.0	3.0	.00	3.0	.02	3.0	.02
		2	Some	312	22	2,945	21	5,723	22	1,619	22							
		3	Quite a bit	514	37	4,697	33	8,848	33	2,605	35							
		4	Very much	477	34	5,286	37	9,801	36	2,666	35							
		Total	1,394	100	14,093	100	26,595	100	7,444	100								
f. Working effectively with others	pgothers	1	Very little	57	4	796	6	1,410	6	357	5	3.0	3.0	.03	3.0	.00	3.0	.00
		2	Some	292	21	3,070	22	5,566	22	1,533	21							
		3	Quite a bit	569	41	5,251	37	9,704	36	2,811	38							
		4	Very much	469	34	4,932	35	9,851	37	2,730	36							
		Total	1,387	100	14,049	100	26,531	100	7,431	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

## Grand Valley State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				GVSU		Great Lakes Public		Public Masters L		Selected Peers		GVSU	Great Lakes Public		Public Masters L		Selected Peers	
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. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	167	12	2,024	15	3,405	13	960	14	2.7	2.7	.04	2.8	-.05	2.7	.00
		2	Some	396	28	3,872	27	6,515	25	1,898	26							
		3	Quite a bit	446	32	4,375	31	8,473	31	2,419	32							
		4	Very much	382	27	3,802	27	8,182	31	2,163	28							
		Total	1,391	100	14,073	100	26,575	100	7,440	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	147	11	1,705	12	2,890	11	815	12	2.7	2.7	-.01	2.8 **	-.09	2.7	-.03
		2	Some	443	31	4,167	29	7,231	27	2,105	29							
		3	Quite a bit	448	32	4,417	31	8,555	32	2,464	33							
		4	Very much	355	25	3,788	27	7,910	30	2,059	27							
		Total	1,393	100	14,077	100	26,586	100	7,443	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	108	8	1,572	11	2,766	11	749	11	2.8	2.8	.04	2.8	.02	2.8	.05
		2	Some	402	29	3,973	28	7,342	28	2,131	29							
		3	Quite a bit	531	38	4,734	33	9,043	33	2,579	34							
		4	Very much	350	25	3,790	27	7,414	28	1,981	26							
		Total	1,391	100	14,069	100	26,565	100	7,440	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	141	10	2,113	15	3,341	13	895	13	2.7	2.6 ***	.11	2.7	.01	2.7	.04
		2	Some	430	31	4,398	31	7,781	29	2,284	31							
		3	Quite a bit	487	35	4,371	31	8,520	32	2,415	32							
		4	Very much	331	24	3,117	23	6,797	26	1,813	24							
		Total	1,389	100	13,999	100	26,439	100	7,407	100								
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	24	2	383	3	553	2	126	2	3.3	3.2 ***	.16	3.2 ***	.13	3.3 ***	.10
		2	Fair	104	8	1,691	12	2,990	12	770	11							
		3	Good	650	46	6,795	47	12,708	47	3,556	47							
		4	Excellent	618	44	5,268	38	10,434	39	3,021	40							
		Total	1,396	100	14,137	100	26,685	100	7,473	100								
19. If you could start over again, would you go to the same <i>institution</i> you are now attending?																		
	sameinst	1	Definitely no	36	3	705	5	1,264	5	286	4	3.3	3.2 ***	.13	3.2 ***	.12	3.2 **	.08
		2	Probably no	146	11	1,873	13	3,480	13	888	12							
		3	Probably yes	567	41	5,662	39	10,501	39	2,978	40							
		4	Definitely yes	648	46	5,910	43	11,465	43	3,323	44							
		Total	1,397	100	14,150	100	26,710	100	7,475	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed).

# NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Grand Valley State University

## 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>		
	GVSU	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers
1 a. askquest	1,680	2.8	2.8	2.8	2.8	.02	.00	.00	.01	0.8	0.8	0.8	0.8	37,888	53,548	2,212	.408	.005	.471	-.02	-.07	.02
b. drafts	1,675	2.6	2.5	2.6	2.6	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,853	1,799	2,233	.000	.413	.006	.13	.02	.07
c. unpreparedr	1,666	3.0	3.0	3.1	3.0	.02	.00	.00	.01	0.7	0.8	0.8	0.8	1,841	1,789	2,233	.002	.000	.079	-.08	-.11	-.04
d. attendart	1,671	2.0	1.9	2.0	2.1	.02	.00	.00	.01	0.9	0.9	1.0	0.9	1,850	1,801	2,250	.000	.065	.000	.11	-.04	-.09
e. CLaskhelp	1,655	2.6	2.6	2.5	2.5	.02	.00	.00	.01	0.8	0.9	0.9	0.8	1,826	1,774	13,488	.236	.001	.000	.03	.08	.10
f. CLexplain	1,640	2.7	2.7	2.7	2.6	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,809	1,759	2,169	.892	.738	.008	.00	.01	.07
g. CLstudy	1,643	2.4	2.5	2.5	2.4	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,809	1,759	13,155	.050	.009	.393	-.05	-.06	-.02
h. CLproject	1,641	2.7	2.6	2.6	2.5	.02	.00	.00	.01	0.8	0.9	0.9	0.8	1,810	1,760	13,151	.000	.000	.000	.09	.10	.17
i. present	1,635	2.1	2.2	2.2	2.2	.02	.00	.00	.01	0.9	0.9	0.9	0.9	36,117	1,749	13,092	.009	.000	.003	-.07	-.13	-.08
2 a. RIntegrate	1,616	2.7	2.7	2.7	2.7	.02	.00	.00	.01	0.8	0.8	0.9	0.9	1,784	1,738	2,149	.951	.732	.341	.00	.01	-.02
b. RISocietal	1,603	2.6	2.6	2.6	2.6	.02	.00	.00	.01	0.8	0.9	0.9	0.9	1,778	1,728	2,146	.001	.046	.334	.08	.05	.02
c. RIDiverse	1,595	2.6	2.5	2.6	2.6	.02	.00	.00	.01	0.8	0.9	0.9	0.9	1,765	1,712	12,674	.000	.721	.850	.09	.01	.01
d. RIownview	1,599	2.7	2.7	2.8	2.8	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,768	1,717	12,658	.235	.003	.004	-.03	-.07	-.08
e. RIperspect	1,596	2.8	2.8	2.9	2.9	.02	.00	.00	.01	0.8	0.8	0.8	0.8	34,658	49,482	12,640	.759	.065	.202	.01	-.05	-.03
f. RInewview	1,592	2.9	2.8	2.9	2.8	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,756	1,706	12,584	.002	.283	.044	.08	.03	.05
g. RIconnect	1,587	3.1	3.0	3.1	3.0	.02	.00	.00	.01	0.7	0.8	0.8	0.8	34,386	49,181	12,562	.000	.000	.000	.11	.09	.11
3 a. SFcareer	1,600	2.2	2.2	2.2	2.3	.02	.00	.00	.01	0.9	0.9	0.9	0.9	34,515	1,711	12,631	.000	.001	.000	-.10	-.08	-.10
b. SFotherwork	1,590	1.6	1.7	1.7	1.7	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,782	1,727	2,186	.000	.000	.000	-.16	-.18	-.20
c. SFdiscuss	1,592	2.0	2.0	2.0	2.0	.02	.00	.00	.01	0.9	0.9	0.9	0.9	34,359	1,714	12,578	.297	.302	.837	-.03	-.02	-.01
d. SFperform	1,590	1.9	2.1	2.1	2.1	.02	.00	.00	.01	0.9	0.9	0.9	0.9	34,269	1,708	12,565	.000	.000	.000	-.17	-.22	-.21
4 a. memorize	1,592	3.0	3.0	3.0	3.0	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,758	49,050	12,540	.477	.940	.882	.02	.00	.00
b. HOapply	1,581	3.0	3.0	3.0	3.0	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,750	1,698	2,095	.875	.310	.407	.00	.02	.02
c. HOanalyze	1,578	3.0	2.9	3.0	2.9	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,753	1,698	2,107	.202	.914	.234	.03	.00	.03
d. HOevaluate	1,578	2.9	2.9	2.9	2.9	.02	.00	.00	.01	0.8	0.8	0.8	0.8	34,050	48,640	12,450	.055	.125	.450	.05	-.04	-.02
e. HOform	1,580	2.9	2.8	2.9	2.9	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,751	48,525	12,429	.189	.140	.422	.03	-.04	-.02
5 a. ETgoals	1,597	3.2	3.1	3.2	3.2	.02	.00	.00	.01	0.7	0.8	0.8	0.7	1,781	1,723	2,134	.068	.373	.487	.04	-.02	-.02
b. ETorganize	1,594	3.1	3.1	3.1	3.1	.02	.00	.00	.01	0.7	0.8	0.8	0.8	1,781	1,727	2,141	.003	.309	.810	.07	.02	-.01
c. ETexample	1,588	3.1	3.1	3.1	3.1	.02	.00	.00	.01	0.8	0.8	0.8	0.8	34,069	1,714	12,485	.006	.346	.614	.07	.02	.01
d. ETdraftfb	1,583	2.9	2.8	2.9	2.9	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,764	1,704	2,100	.000	.220	.012	.13	.03	.07
e. ETfeedback	1,588	2.8	2.7	2.8	2.8	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,763	1,711	12,464	.410	.011	.402	.02	-.06	-.02

# NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Grand Valley State University

## 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>		
	GVSU	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	Comparisons with:			Comparisons with:			Comparisons with:			
														Great Lakes Public	Public Masters	Selected Peers	Great Lakes Public	Public Masters	Selected Peers	Great Lakes Public	Public Masters	Selected Peers	
6 a. QRconclude	1,597	2.5	2.6	2.5	2.5	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,769	1,719	2,139	.098	.577	.454	-.04	-.01	-.02	
b. QRproblem	1,592	2.2	2.3	2.3	2.3	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,766	1,716	2,138	.034	.042	.023	-.05	-.05	-.06	
c. QRevaluate	1,587	2.2	2.3	2.2	2.3	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,762	1,714	2,166	.003	.068	.005	-.07	-.04	-.07	
7 a. wrshortnum	1,492	6.9	6.7	6.1	6.3	.13	.03	.03	.05	5.1	5.6	5.3	5.3	1,671	44,696	1,986	.108	.000	.000	.04	.15	.11	
b. wrmednum	1,467	2.3	2.1	1.8	1.7	.07	.02	.01	.03	2.6	2.9	2.7	2.6	30,448	1,575	1,909	.001	.000	.000	.09	.21	.25	
c. wrlongnum	1,414	0.6	0.7	0.7	0.6	.06	.01	.01	.02	2.1	2.4	2.5	2.4	1,602	1,551	1,988	.003	.016	.183	-.07	-.06	-.03	
— wrpages	1,395	45	45	41	40	1.2	0.3	0.3	0.5	44	53	53	53	1,605	1,539	2,044	.951	.000	.000	.00	.09	.09	
8 a. DDrace	1,523	2.9	3.0	3.0	3.1	.02	.01	.00	.01	0.9	0.9	0.9	0.9	31,905	1,640	11,714	.088	.000	.000	-.04	-.11	-.15	
b. DDeconomic	1,516	3.0	3.0	3.0	3.1	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,691	1,638	2,047	.265	.849	.209	.03	.00	-.03	
c. DDreligion	1,515	3.0	3.0	3.0	3.0	.02	.01	.00	.01	0.9	0.9	1.0	0.9	31,762	1,632	11,647	.027	.099	.973	.06	.04	.00	
d. DDpolitical	1,512	3.1	3.0	3.0	3.1	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,694	1,641	2,051	.001	.000	.247	.08	.10	.03	
9 a. LSreading	1,513	3.2	3.1	3.1	3.1	.02	.00	.00	.01	0.7	0.8	0.8	0.8	31,664	1,630	11,622	.006	.373	.044	.07	.02	.06	
b. LSnotes	1,510	2.9	2.9	3.0	2.9	.02	.01	.00	.01	0.9	0.9	0.9	0.9	31,577	45,013	2,014	.450	.065	.090	-.02	-.05	.05	
c. LSsummary	1,497	2.8	2.8	2.9	2.8	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,663	44,595	11,493	.322	.017	.568	-.03	-.06	-.02	
10. challenge	1,515	5.6	5.5	5.5	5.5	.03	.01	.01	.01	1.0	1.1	1.1	1.1	1,713	1,649	2,087	.000	.000	.000	.10	.09	.13	
11 a. intern <sup>l</sup>	1,515	0.04	0.07	0.07	0.07	0.005	0.001	0.001	0.002								.000	.000	.000	-.13	-.12	-.11	
b. leader <sup>l</sup>	1,512	0.08	0.11	0.11	0.11	0.007	0.002	0.002	0.003								.000	.000	.000	-.12	-.12	-.13	
c. learncom <sup>l</sup>	1,508	0.09	0.18	0.14	0.17	0.007	0.002	0.002	0.004								.000	.000	.000	-.28	-.15	-.24	
d. abroad <sup>l</sup>	1,510	0.03	0.03	0.03	0.03	0.004	0.001	0.001	0.002								.082	.595	.739	-.05	-.01	-.01	
e. research <sup>l</sup>	1,505	0.03	0.05	0.05	0.04	0.004	0.001	0.001	0.002								.000	.000	.026	-.11	-.12	-.07	
f. capstone <sup>l</sup>	1,508	0.02	0.03	0.03	0.03	0.003	0.001	0.001	0.002								.036	.023	.041	-.06	-.07	-.06	
12. servcourse	1,509	1.6	1.5	1.6	1.6	.02	.00	.00	.01	0.6	0.6	0.7	0.7	31,068	1,630	11,449	.828	.000	.146	.01	-.09	-.04	
13 a. QIstudent	1,510	5.6	5.5	5.5	5.6	.03	.01	.01	.01	1.2	1.4	1.4	1.4	1,703	1,651	2,117	.003	.003	.054	.07	.07	.05	
b. QIadvisor	1,344	4.9	5.1	5.0	5.1	.05	.01	.01	.02	1.9	1.7	1.8	1.7	1,446	1,419	1,648	.000	.011	.000	-.12	-.07	-.14	
c. QIfaculty	1,495	5.3	5.2	5.2	5.2	.04	.01	.01	.01	1.4	1.4	1.5	1.4	31,064	1,617	11,418	.048	.101	.035	.05	.04	.06	
d. QIstaff	1,383	5.0	4.9	4.9	4.9	.04	.01	.01	.02	1.6	1.7	1.7	1.6	1,540	1,494	10,651	.001	.004	.051	.09	.08	.06	
e. QIadmin	1,311	4.9	4.8	4.8	4.8	.05	.01	.01	.02	1.7	1.7	1.8	1.7	1,444	1,402	10,723	.004	.012	.009	.08	.07	.08	

# NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Grand Valley State University

## 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>		
	GVSU	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers
14 a. empstudy	1,444	3.3	3.2	3.2	3.2	.02	.00	.00	.01	0.7	0.8	0.8	0.8	1,643	1,581	2,054	.000	.000	.000	.11	.14	.16
b. SEacademic	1,431	3.2	3.1	3.1	3.1	.02	.01	.00	.01	0.8	0.8	0.8	0.8	28,920	41,480	10,785	.000	.000	.000	.20	.18	.19
c. SElearnsup	1,433	3.3	3.1	3.1	3.1	.02	.01	.00	.01	0.8	0.9	0.9	0.9	28,977	1,558	10,826	.000	.000	.000	.26	.21	.26
d. SEdiverse	1,434	2.7	2.7	2.7	2.7	.03	.01	.00	.01	1.0	1.0	1.0	1.0	29,003	41,570	10,814	.867	.313	.041	.00	-.03	-.06
e. SESocial	1,438	3.1	3.0	3.0	3.0	.02	.01	.00	.01	0.9	0.9	0.9	0.9	28,984	41,510	10,805	.000	.000	.051	.10	.09	.06
f. SEwellness	1,430	3.0	3.0	3.0	3.0	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,599	1,546	1,912	.007	.088	.901	.07	.04	.00
g. SENonacad	1,431	2.4	2.4	2.4	2.5	.03	.01	.01	.01	1.0	1.0	1.0	1.0	28,819	1,543	10,745	.541	.292	.024	.02	-.03	-.06
h. SEactivities	1,424	3.0	2.9	2.9	2.9	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,593	1,542	1,912	.000	.001	.011	.09	.08	.07
i. SEevents	1,426	2.6	2.5	2.6	2.6	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,590	1,542	10,722	.002	.479	.260	.08	.02	.03
15 a. tmprephrs	1,442	14.2	14.3	12.7	12.9	.21	.05	.04	.08	7.9	8.3	8.0	7.9	1,612	41,509	1,908	.825	.000	.000	-.01	.19	.17
b. tmcocurrhrs	1,437	4.4	5.0	4.9	5.1	.14	.04	.03	.07	5.4	6.4	6.6	6.3	1,659	1,594	2,091	.000	.001	.000	-.09	-.07	-.11
c. tmworkonhrs	1,436	1.7	2.6	2.1	2.1	.12	.04	.03	.06	4.7	6.0	5.5	5.5	1,698	1,581	2,103	.000	.002	.005	-.14	-.07	-.07
d. tmworkoffhrs	1,436	3.2	5.3	5.8	5.3	.19	.06	.05	.10	7.1	9.4	9.8	9.3	1,718	1,641	2,294	.000	.000	.000	-.22	-.26	-.23
e. tmservicehrs	1,416	1.7	2.2	2.4	2.3	.10	.03	.02	.05	3.6	4.3	4.5	4.5	1,632	1,581	2,152	.000	.000	.000	-.14	-.16	-.16
f. tmrelaxhrs	1,425	13.9	13.1	12.5	13.4	.23	.05	.04	.09	8.5	8.6	8.8	8.8	28,606	41,151	10,675	.001	.000	.059	.09	.15	.05
g. tmcarehrs	1,423	1.0	2.7	3.1	2.3	.10	.04	.04	.07	3.9	7.0	7.4	6.4	1,958	1,827	2,812	.000	.000	.000	-.25	-.29	-.22
h. tmcommutehrs	1,429	2.9	4.0	4.1	3.7	.11	.03	.03	.06	4.3	5.4	5.7	5.4	1,669	1,607	2,168	.000	.000	.000	-.20	-.21	-.15
— tmwork	1,428	4.9	7.8	7.8	7.3	.22	.07	.06	.11	8.4	11.0	11.1	10.8	1,697	1,612	2,236	.000	.000	.000	-.27	-.26	-.23
16. tmreadhrs	1,437	5.9	6.0	6.0	5.8	.12	.03	.03	.05	4.7	5.2	5.1	4.8	1,628	1,562	10,768	.253	.561	.736	-.03	-.01	.01
17 a. pgwrite	1,437	2.9	2.8	2.9	2.9	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,613	1,552	1,942	.000	.396	.159	.12	-.02	.04
b. pgspeak	1,431	2.5	2.6	2.8	2.7	.02	.01	.00	.01	0.9	0.9	0.9	0.9	28,720	1,535	1,884	.000	.000	.000	-.13	-.29	-.22
c. pgthink	1,432	3.1	3.1	3.1	3.1	.02	.00	.00	.01	0.8	0.8	0.8	0.8	28,743	1,549	10,732	.001	.044	.001	.09	.05	.09
d. pganalyze	1,434	2.6	2.6	2.6	2.6	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,601	1,550	1,951	.024	.043	.370	-.06	-.05	-.02
e. pgwork	1,434	2.5	2.6	2.6	2.6	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,599	1,548	10,712	.000	.000	.000	-.10	-.10	-.11
f. pgothers	1,429	2.9	2.8	2.9	2.8	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,607	1,552	1,964	.020	.372	.077	.06	.02	.05
g. pgvalues	1,433	2.6	2.6	2.7	2.7	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,599	41,184	10,713	.245	.000	.000	-.03	-.13	-.12
h. pgdiverse	1,431	2.7	2.7	2.8	2.8	.02	.01	.00	.01	0.9	1.0	1.0	0.9	28,712	41,188	10,717	.231	.000	.000	-.03	-.11	-.13
i. pgprobolve	1,431	2.6	2.6	2.6	2.6	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,600	1,547	10,718	.861	.210	.142	.00	-.03	-.04
j. pgcitizen	1,423	2.6	2.6	2.7	2.7	.02	.01	.00	.01	0.9	0.9	1.0	0.9	1,589	1,537	10,672	.214	.178	.111	.03	-.03	-.05
18. evalexp	1,433	3.3	3.2	3.2	3.2	.02	.00	.00	.01	0.6	0.7	0.7	0.7	28,830	41,314	10,762	.000	.000	.000	.16	.19	.16
19. sameinst	1,432	3.3	3.2	3.2	3.2	.02	.00	.00	.01	0.8	0.8	0.8	0.8	28,852	41,393	10,758	.017	.000	.045	.06	.12	.06

IPEDS: 170082

# NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Grand Valley State University

## 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>		
	GVSU	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Public Masters	Selected Peers	Great Lakes Public	Public Masters	Selected Peers	Great Lakes Public	Public Masters	Selected Peers
1 a. askquest	1,616	3.2	3.1	3.2	3.1	.02	.00	.00	.01	0.8	0.8	0.8	0.9	34,773	63,372	16,984	.076	.765	.003	.05	.01	.08
b. drafts	1,603	2.3	2.4	2.5	2.4	.02	.01	.00	.01	1.0	1.0	1.0	1.0	1,774	1,692	1,970	.229	.000	.043	-.03	-.15	-.05
c. unpreparedr	1,604	2.9	3.0	3.0	3.0	.02	.00	.00	.01	0.7	0.8	0.8	0.8	34,511	62,930	16,875	.018	.000	.062	-.06	-.14	-.05
d. attendart	1,600	1.8	1.8	1.8	1.8	.02	.00	.00	.01	0.9	0.9	0.9	0.9	1,771	1,692	1,998	.714	.233	.043	-.01	-.03	-.05
e. CLaskhelp	1,597	2.5	2.4	2.4	2.4	.02	.00	.00	.01	0.8	0.9	0.9	0.9	34,411	62,874	16,832	.000	.000	.000	.10	.13	.12
f. CLexplain	1,580	2.8	2.8	2.8	2.8	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,753	1,671	1,940	.025	.010	.008	.06	.06	.07
g. CLstudy	1,586	2.4	2.4	2.5	2.4	.02	.01	.00	.01	1.0	1.0	1.0	1.0	1,757	1,674	16,581	.645	.659	.930	.01	-.01	.00
h. CLproject	1,582	3.0	2.9	2.8	2.8	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,775	1,684	1,995	.000	.000	.000	.10	.14	.14
i. present	1,581	2.8	2.7	2.7	2.7	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,758	1,676	1,956	.000	.000	.001	.13	.08	.08
2 a. RIntegrate	1,577	3.1	3.0	3.0	3.0	.02	.00	.00	.01	0.8	0.8	0.8	0.8	33,109	60,678	16,325	.000	.000	.000	.09	.11	.11
b. RISocietal	1,562	2.9	2.8	2.8	2.8	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,727	59,948	16,095	.000	.003	.001	.13	.08	.09
c. RIDiverse	1,571	2.7	2.6	2.7	2.6	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,744	59,995	16,150	.000	.247	.030	.10	.03	.06
d. RIownview	1,570	2.8	2.8	2.9	2.8	.02	.00	.00	.01	0.8	0.8	0.8	0.8	32,701	59,948	16,119	.555	.449	.777	.02	-.02	.01
e. RIperspect	1,564	2.9	2.9	2.9	2.9	.02	.00	.00	.01	0.8	0.8	0.8	0.8	32,616	59,878	16,093	.181	.733	.734	.03	-.01	.01
f. RInewview	1,564	3.0	2.9	2.9	2.9	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,745	1,658	1,949	.000	.071	.002	.09	.04	.08
g. RIconnect	1,552	3.3	3.2	3.2	3.2	.02	.00	.00	.01	0.7	0.8	0.7	0.7	32,385	1,644	15,991	.006	.071	.030	.07	.04	.06
3 a. SFCareer	1,561	2.5	2.4	2.5	2.5	.02	.01	.00	.01	1.0	1.0	1.0	1.0	32,487	1,651	16,073	.000	.016	.168	.10	.06	.04
b. SFotherwork	1,555	1.9	1.9	1.9	2.0	.03	.01	.00	.01	1.0	1.0	1.0	1.0	32,370	59,324	16,002	.131	.071	.011	-.04	-.05	-.07
c. SFdiscuss	1,554	2.3	2.2	2.2	2.2	.02	.01	.00	.01	0.9	0.9	1.0	1.0	1,716	59,346	16,017	.000	.000	.000	.15	.11	.10
d. SFperform	1,555	2.2	2.2	2.3	2.2	.02	.01	.00	.01	0.9	0.9	0.9	0.9	32,265	1,641	15,955	.501	.002	.038	.02	-.08	-.06
4 a. memorize	1,551	2.7	2.8	2.8	2.8	.02	.01	.00	.01	0.9	0.9	0.9	0.9	32,346	59,426	15,998	.000	.000	.000	-.11	-.14	-.13
b. HOapply	1,541	3.1	3.1	3.1	3.1	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,720	1,633	1,922	.354	.868	.305	.02	.00	.03
c. HOanalyze	1,538	3.1	3.1	3.1	3.1	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,719	1,630	1,919	.223	.454	.309	.03	-.02	.03
d. HOevaluate	1,539	2.9	2.9	3.0	2.9	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,713	59,000	15,893	.014	.048	.667	.06	-.05	.01
e. HOform	1,541	3.0	2.9	3.0	2.9	.02	.00	.00	.01	0.8	0.9	0.9	0.8	1,717	58,922	1,911	.034	.164	.394	.05	-.04	.02
5 a. ETgoals	1,553	3.2	3.2	3.2	3.2	.02	.00	.00	.01	0.7	0.8	0.8	0.8	1,734	1,647	1,929	.146	.014	.171	.04	-.06	-.04
b. ETorganize	1,552	3.1	3.1	3.2	3.2	.02	.00	.00	.01	0.7	0.8	0.8	0.8	32,300	1,648	1,916	.020	.485	.242	.06	-.02	-.03
c. ETexample	1,538	3.2	3.1	3.2	3.2	.02	.00	.00	.01	0.7	0.8	0.8	0.8	1,729	1,638	1,926	.000	.238	.330	.10	.03	.02
d. ETdraftfb	1,545	2.8	2.7	2.9	2.8	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,724	1,637	15,947	.004	.070	.703	.07	-.04	-.01
e. ETfeedback	1,539	2.9	2.9	2.9	2.9	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,723	1,636	1,931	.146	.114	.665	.04	-.04	-.01



# NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Grand Valley State University

## 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>		
	GVSU	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers
6 a. QRconclude	1,551	2.5	2.6	2.6	2.6	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,724	1,642	1,928	.001	.029	.292	-.08	-.05	-.03
b. QRproblem	1,546	2.4	2.4	2.4	2.4	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,722	1,637	1,914	.099	.168	.687	-.04	-.03	-.01
c. QRevaluate	1,543	2.4	2.4	2.4	2.4	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,712	1,633	15,887	.826	.111	.252	.01	.04	.03
7 a. wrshortnum	1,450	8.3	7.6	7.1	7.5	.17	.04	.03	.06	6.6	6.7	6.4	6.6	29,620	54,026	14,737	.000	.000	.000	.10	.18	.12
b. wrmednum	1,435	3.5	3.2	3.2	3.1	.10	.02	.02	.03	3.7	3.8	3.9	3.8	29,124	1,528	14,509	.007	.020	.000	.07	.06	.11
c. wrlongnum	1,397	1.7	1.8	1.9	1.7	.07	.02	.02	.03	2.6	3.2	3.5	3.3	1,619	1,541	1,917	.218	.019	.661	-.03	-.05	-.01
— wrpages	1,370	76	73	72	70	1.9	0.5	0.4	0.7	69	76	82	79	1,550	1,480	1,787	.056	.022	.003	.05	.05	.08
8 a. DDrace	1,485	2.8	3.0	3.1	3.0	.02	.01	.00	.01	0.9	0.9	0.9	0.9	30,592	56,145	15,207	.000	.000	.000	-.17	-.26	-.20
b. DDeconomic	1,485	3.0	3.1	3.1	3.1	.02	.01	.00	.01	0.8	0.9	0.9	0.9	1,656	1,576	1,851	.000	.000	.000	-.10	-.14	-.12
c. DDreligion	1,477	3.0	3.0	3.0	3.0	.02	.01	.00	.01	0.9	0.9	0.9	0.9	30,431	1,564	15,135	.029	.000	.005	-.06	-.09	-.08
d. DDpolitical	1,476	3.1	3.1	3.1	3.1	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,648	1,569	1,844	.711	.476	.214	-.01	-.02	-.03
9 a. LSreading	1,478	3.2	3.2	3.3	3.2	.02	.00	.00	.01	0.8	0.8	0.8	0.8	1,655	55,859	15,141	.002	.568	.018	.08	-.02	.06
b. LSnotes	1,475	2.8	2.9	3.0	2.8	.02	.01	.00	.01	0.9	0.9	0.9	1.0	30,396	1,557	15,115	.138	.000	.509	-.04	-.14	-.02
c. LSsummary	1,465	2.8	2.8	2.9	2.9	.02	.01	.00	.01	0.9	0.9	0.9	0.9	30,139	55,274	15,000	.284	.000	.143	-.03	-.13	-.04
10. challenge	1,477	5.6	5.6	5.7	5.6	.03	.01	.01	.01	1.1	1.2	1.2	1.2	1,669	1,576	1,873	.675	.000	.186	-.01	-.12	-.03
11 a. intern <sup>l</sup>	1,477	0.58	0.53	0.47	0.50	0.013	0.003	0.002	0.004								.000	.000	.000	.10	.23	.17
b. leader <sup>l</sup>	1,478	0.36	0.37	0.32	0.34	0.012	0.003	0.002	0.004								.516	.001	.229	-.02	.09	.03
c. learncom <sup>l</sup>	1,471	0.26	0.27	0.24	0.23	0.011	0.003	0.002	0.004								.414	.169	.020	-.02	.04	.06
d. abroad <sup>l</sup>	1,470	0.14	0.12	0.08	0.11	0.009	0.002	0.001	0.003								.132	.000	.001	.04	.17	.09
e. research <sup>l</sup>	1,472	0.23	0.24	0.20	0.20	0.011	0.003	0.002	0.003								.229	.033	.029	-.03	.06	.06
f. capstone <sup>l</sup>	1,472	0.71	0.48	0.42	0.46	0.012	0.003	0.002	0.004								.000	.000	.000	.47	.58	.50
12. servcourse	1,476	1.7	1.7	1.8	1.7	.02	.00	.00	.01	0.7	0.7	0.7	0.7	30,232	55,383	15,007	.251	.017	.480	.03	-.06	.02
13 a. QIstudent	1,476	5.7	5.7	5.7	5.7	.03	.01	.01	.01	1.2	1.3	1.3	1.3	1,655	1,570	1,848	.078	.755	.283	.04	.01	.03
b. QIadvisor	1,443	4.9	5.0	5.1	5.0	.05	.01	.01	.02	1.8	1.8	1.8	1.8	29,837	54,692	14,898	.218	.000	.029	-.03	-.13	-.06
c. QIfaculty	1,470	5.6	5.5	5.6	5.6	.03	.01	.01	.01	1.2	1.4	1.4	1.3	1,663	1,574	1,843	.011	.820	.682	.06	.01	-.01
d. QIstaff	1,260	5.0	4.8	4.8	4.9	.04	.01	.01	.02	1.6	1.7	1.8	1.7	1,435	1,356	1,621	.000	.000	.001	.15	.11	.09
e. QIadmin	1,381	5.1	4.7	4.8	4.8	.04	.01	.01	.01	1.5	1.7	1.8	1.7	1,578	1,486	1,787	.000	.000	.000	.26	.19	.20

# NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Grand Valley State University

## 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>		
	GVSU	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	GVSU	Great Lakes Public	Public Masters L	Selected Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers	Great Lakes Public	Public Masters L	Selected Peers
14 a. empstudy	1,403	3.2	3.1	3.1	3.1	.02	.00	.00	.01	0.7	0.8	0.8	0.8	28,865	1,496	14,329	.000	.001	.000	.13	.08	.15
b. SEacademic	1,391	3.1	2.9	3.0	3.0	.02	.01	.00	.01	0.8	0.9	0.9	0.8	1,551	1,477	14,248	.000	.000	.000	.16	.11	.11
c. SElearnsup	1,391	3.0	2.8	2.9	2.8	.02	.01	.00	.01	0.9	0.9	1.0	0.9	1,554	1,478	1,743	.000	.000	.000	.23	.15	.19
d. SEdiverse	1,394	2.5	2.5	2.6	2.5	.03	.01	.00	.01	0.9	1.0	1.0	1.0	1,553	1,479	1,735	.780	.016	.537	-.01	-.06	-.02
e. SEsocial	1,398	2.9	2.9	2.9	2.9	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,564	1,485	1,733	.000	.000	.118	.09	.09	.04
f. SEwellness	1,391	2.8	2.8	2.8	2.8	.03	.01	.00	.01	0.9	1.0	1.0	0.9	1,546	1,471	14,198	.177	.427	.509	.04	.02	-.02
g. SEnonacad	1,394	2.0	2.0	2.1	2.1	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,555	1,484	1,753	.470	.000	.005	-.02	-.10	-.08
h. SEactivities	1,385	2.7	2.6	2.6	2.7	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,561	1,478	1,747	.001	.000	.014	.09	.10	.07
i. SEevents	1,388	2.5	2.4	2.4	2.4	.02	.01	.00	.01	0.9	0.9	1.0	0.9	1,549	1,476	1,732	.000	.001	.000	.14	.09	.11
15 a. tmprephrs	1,391	14.4	14.6	14.0	13.4	.22	.05	.04	.08	8.4	8.8	8.7	8.5	1,549	52,490	14,237	.434	.047	.000	-.02	.05	.12
b. tmcocurrhrs	1,387	3.5	4.3	3.9	4.3	.15	.04	.03	.06	5.5	6.6	6.4	6.4	1,595	1,490	1,820	.000	.013	.000	-.12	-.06	-.11
c. tmworkonhrs	1,388	2.9	4.2	3.4	3.5	.17	.05	.03	.06	6.5	8.0	7.2	7.1	1,606	1,480	1,763	.000	.015	.006	-.16	-.06	-.07
d. tmworkoffhrs	1,383	12.9	12.1	13.5	13.0	.33	.08	.06	.11	12.1	13.1	13.3	12.7	1,552	1,475	1,732	.026	.057	.760	.06	-.05	-.01
e. tmservicehrs	1,377	3.1	2.8	3.2	2.9	.14	.03	.02	.04	5.3	4.9	5.5	5.0	1,500	51,829	14,057	.041	.619	.271	.06	-.01	.03
f. tmrelaxhrs	1,386	11.2	11.4	10.2	11.3	.21	.05	.04	.07	8.0	8.4	8.1	8.3	1,546	52,150	1,733	.460	.000	.733	-.02	.12	-.01
g. tmcarehrs	1,376	4.0	5.7	7.5	5.3	.25	.07	.05	.09	9.3	10.9	12.0	10.5	1,575	1,503	1,775	.000	.000	.000	-.16	-.30	-.13
h. tmcommutehrs	1,390	5.6	4.7	5.2	4.9	.12	.03	.02	.04	4.6	4.8	5.5	5.1	28,486	1,498	14,175	.000	.005	.000	.19	.06	.12
— tmwork	1,374	15.7	16.3	16.8	16.3	.32	.08	.06	.11	12.0	12.9	13.3	12.7	1,540	1,468	1,725	.132	.002	.093	-.04	-.08	-.05
16. tmreadhrs	1,396	6.1	6.1	6.6	5.9	.14	.03	.03	.05	5.1	5.4	5.8	5.1	1,566	1,497	14,209	.787	.000	.103	.01	-.09	.05
17 a. pgwrite	1,396	3.1	3.0	3.0	3.0	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,566	52,349	14,164	.000	.001	.000	.18	.09	.15
b. pgspeak	1,387	2.9	2.9	3.0	2.9	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,550	52,162	14,116	.003	.500	.540	.08	-.02	.02
c. pgthink	1,393	3.4	3.3	3.3	3.3	.02	.00	.00	.01	0.7	0.8	0.8	0.8	1,575	1,486	1,772	.000	.000	.000	.13	.12	.14
d. pganalyze	1,386	2.7	2.8	2.8	2.7	.03	.01	.00	.01	1.0	1.0	1.0	1.0	1,543	52,119	14,116	.040	.050	.684	-.05	-.05	-.01
e. pgwork	1,395	3.0	3.0	3.0	3.0	.02	.01	.00	.01	0.9	1.0	1.0	0.9	1,558	1,481	1,737	.867	.424	.490	.00	.02	.02
f. pgothers	1,387	3.0	3.0	3.0	3.0	.02	.01	.00	.01	0.9	0.9	0.9	0.9	1,550	1,473	1,729	.279	.899	.896	.03	.00	.00
g. pgvalues	1,392	2.7	2.7	2.8	2.7	.03	.01	.00	.01	1.0	1.0	1.0	1.0	1,547	52,189	14,135	.097	.066	.883	.04	-.05	.00
h. pgdiverse	1,394	2.7	2.7	2.8	2.7	.03	.01	.00	.01	1.0	1.0	1.0	1.0	28,482	52,192	14,137	.617	.002	.298	-.01	-.09	-.03
i. pgprobolve	1,391	2.8	2.8	2.8	2.8	.02	.01	.00	.01	0.9	1.0	1.0	1.0	1,562	1,480	1,751	.081	.375	.053	.04	.02	.05
j. pgcitizen	1,389	2.7	2.6	2.7	2.7	.03	.01	.00	.01	0.9	1.0	1.0	1.0	1,555	1,475	1,732	.000	.629	.112	.11	.01	.04
18. evalexpr	1,397	3.3	3.2	3.2	3.3	.02	.00	.00	.01	0.7	0.8	0.7	0.7	28,608	52,412	14,195	.000	.000	.001	.16	.13	.10
19. sameinst	1,397	3.3	3.2	3.2	3.2	.02	.01	.00	.01	0.8	0.9	0.8	0.8	1,579	1,492	1,763	.000	.000	.004	.13	.12	.08

IPEDS: 170082

## Endnotes

- a. Column percentages are weighted by gender 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 gender 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 and 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 gender 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."