

Grand Valley State University

Prepared 2025-07-24 IPEDS: 170082



NSSE 2025 Frequencies and Statistical Comparisons About This Report

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

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

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

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



NSSE Frequencies and Statistical Comparisons NSSEville State University

Seniors	-11				ı	requen	y Di	stributio	ons				Stati		Compari		ith	
				NSSEville St	ate	Admissio Overlap		Carnegie Progran		NSSE Cohort		NSSEville State	Admis Over		Carnegio Progra		NSSI Coho	
Item wording 2	Variable name ^c	Values*	Response options	Count	96	Count	96	Count	96	Count	96	Mean	Mean	Effect size *	Mean	Effect size*	Mean	Effect size*
6. During the current so	hool year, abo	out how	often have you do	ne the follow	ng?										3			
a. Reached conclusions	QRconclude	1	Never	3	0	244	2	54	2	6,952	3							
based on your own analysis of numerical		2	Sometimes	135	20	4,397	27	845	29	75,222	33			K	A			
information		3	Often	212	33	5,947	37	1,086	38	81,724	35	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43
(numbers, graphs,		4	Very often	280	46	5,440	34	889	31	66,983	29		Δ		A		A	
statistics, etc.)			Total	630	100	16,028	100	2,874	100	230,881	100			_				
b. Used numerical	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	715		(8)				
information to examine a real-world	1	2	Sometimes	267	42	5,959	37	978	34	79,495	34			U				
problem or issue	, —	3	Often	164	26	4,548	29	858	31	67,348	29	2.5	2.5	04	2.6 *	09	2.6	05
(unemployment,		3 4	Very often	113	19	3,072	20	t 1	1	47,208	21				∇			
climate change,			Total	626	100	15,948	100	. 81.	100	229,541	100						_	
public health, etc.)						5											7	
c. Evaluated what	QRevaluate	71	Never	25	4	778	5	134	5	12,543	6	2						
others have		2	Sometimes	56	9	1,666	11	262	10	28,134	13					K	2 3	4
concluded from numerical	4	3	Often	384	63	9,147	57	1,586	57	128,802	56	3.1	3.1	.02	3.1	04	3.0	.06
information		4	Very often	150	24	4,267	27	851	29	58,873	26							
			Total	615	100	15,858	100	2,833	100	228,352	100							

- 7. *Effect size*: Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large (NSSE adjusts this to .1/.3/.5 for the Engagement Indicators). A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent *t*-tests use Cohen's *d*; *z*-tests use Cohen's *h*. Cohen's *d* is calculated by dividing the mean difference by the pooled standard deviation. Cohen's *h* is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition).* New York: Psychology Press.
- 8. Key to symbols:
 - **Your students' average** was significantly higher (p < .05) with an effect size at least .3 in magnitude.
 - \triangle Your students' average was significantly higher (p < .05) with an effect size less than .3 in magnitude.
 - ∇ Your students' average was significantly lower (p < .05) with an effect size less than .3 in magnitude.
 - **Your students' average** was significantly lower (p < .05) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context. You may not see all of these symbols in your report.



First-Year Stud	dents					Frequen	cy Di	stributio	ns ^a				Stat		Comparis		ed with	
								Pub Simila	ar						Pub Sim	nilar		
				GVSU		Selected Pe	ers	Carnegie	2	MI Publi	С	GVSU	Selected	Peers	Carne	gie	MI Pub	olic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
1. During the current sc	hool year, abo	out how	often have you don	e the followi	ng?													
a. Asked questions or	askquest	1	Never	16	1	216	3	1,627	4	82	3							
contributed to course discussions in other		2	Sometimes	370	35	2,674	39	17,472	38	946	36							
ways		3	Often	440	40	2,360	35	16,263	35	936	36	2.9	2.8 ***	.12	2.8 ***	.11	2.8	.06
Ž		4	Very often	253	24	1,503	22	10,574	23	620	25		Δ		Δ			
			Total	1,079	100	6,753	100	45,936	100	2,584	100							
b. Asked another student	CLaskhelp	1	Never	89	9	693	11	5,883	14	282	11							
to help you understand course material		2	Sometimes	443	41	2,957	44	19,438	42	1,181	46							
course material		3	Often	381	34	2,067	30	13,667	29	774	29	2.6	2.5 *	.08	2.4 ***	.15	2.5 ***	.13
		4	Very often	178	16	999	15	6,812	14	344	14		Δ		Δ		Δ	
			Total	1,091	100	6,716	100	45,800	100	2,581	100							
c. Explained course	CLexplain	1	Never	63	6	475	7	4,326	11	202	8							
material to one or more students		2	Sometimes	455	43	2,895	43	19,769	43	1,142	44							
more students		3	Often	412	37	2,334	34	14,929	32	866	33	2.6	2.6	.02	2.5 ***	.11	2.5	.06
		4	Very often	155	14	987	15	6,636	14	373	15				Δ			
			Total	1,085	100	6,691	100	45,660	100	2,583	100							
d. Prepared for exams by	CLstudy	1	Never	199	19	1,270	20	9,898	24	568	23							
discussing or working through course		2	Sometimes	455	42	2,598	39	17,139	38	1,054	40							
material with other		3	Often	297	27	1,826	27	11,956	25	637	24	2.3	2.4	04	2.3	.03	2.3	.05
students		4	Very often	127	12	946	14	6,373	13	305	12							
			Total	1,078	100	6,640	100	45,366	100	2,564	100							
e. Worked with other	CLproject	1	Never	38	4	454	7	4,048	10	170	7							
students on course projects or assignments		2	Sometimes	387	36	2,622	39	17,304	38	1,054	40							
projects or assignments		3	Often	456	43	2,451	37	16,150	35	930	36	2.7	2.6 ***	.12	2.6 ***	.19	2.6 ***	.16
		4	Very often	192	17	1,085	17	7,612	16	396	16		Δ		Δ		Δ	
			Total	1,073	100	6,612	100	45,114	100	2,550	100							
f. Given a course	present	1	Never	166	15	1,510	22	9,885	23	442	19			<u> </u>				
presentation		2	Sometimes	494	47	3,180	48	19,826	44	1,162	45							
		3	Often	278	27	1,355	21	10,496	23	676	25	2.3	2.2 ***	.19	2.2 ***	.13	2.3 *	.07
		4	Very often	113	11	548	9	4,780	10	269	10		Δ		Δ		Δ	
			Total	1,051	100	6,593	100	44,987	100	2,549	100							



First-Year Stud	-Year Students					Frequen	cy Di	stributio	ns ^a				Stati		Comparis		d with	
								Pub Simila	ar						Pub Sim	ilar		
				GVSU		Selected Pe	ers	Carnegie	9	MI Publi	c	GVSU	Selected	Peers	Carne	gie	MI Pul	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
2. During the current sch	hool year, abo	ut how	often have you dor	e the followi	ng?													
a. Combined ideas from	RIintegrate	1	Never	54	5	472	8	3,833	10	187	8							
different courses when		2	Sometimes	382	37	2,437	38	16,158	37	859	34							
completing assignments		3	Often	428	40	2,527	38	16,926	37	1,011	40	2.7	2.6 ***	.10	2.6 ***	.12	2.7	.03
		4	Very often	190	18	1,048	16	7,345	16	458	18		Δ		Δ			
			Total	1,054	100	6,484	100	44,262	100	2,515	100							
b. Connected your	RIsocietal	1	Never	54	5	541	9	4,434	11	241	11							
learning to societal		2	Sometimes	341	33	2,383	38	16,030	37	871	36							
problems or issues		3	Often	445	42	2,374	36	15,571	35	927	36	2.7	2.6 ***	.17	2.6 ***	.18	2.6 ***	.16
		4	Very often	206	19	1,109	17	7,729	17	452	18		Δ		Δ		Δ	
			Total	1,046	100	6,407	100	43,764	100	2,491	100							
c. Included diverse	RIdiverse	1	Never	65	7	604	10	4,752	12	268	12							
perspectives (political,		2	Sometimes	358	35	2,261	36	15,136	35	811	33							
religious, racial/ethnic, gender, etc.) in course		3	Often	411	39	2,301	36	15,057	34	876	35	2.7	2.6 **	.09	2.6 ***	.11	2.6 *	.07
discussions or		4	Very often	206	19	1,197	18	8,448	19	521	20		Δ		Δ		Δ	
assignments			Total	1,040	100	6,363	100	43,393	100	2,476	100							
d. Examined the	RIownview	1	Never	33	3	273	5	1,887	5	124	5							
strengths and		2	Sometimes	277	27	1,935	31	12,814	30	711	29							
weaknesses of your own views on a topic		3	Often	536	52	2,936	47	19,225	44	1,110	45	2.8	2.8 **	.09	2.8	.05	2.8	.04
or issue		4	Very often	183	18	1,115	18	8,791	21	494	21		Δ					
			Total	1,029	100	6,259	100	42,717	100	2,439	100							
e. Tried to better	RIperspect	1	Never	23	2	171	3	1,261	4	67	3							
understand someone		2	Sometimes	265	26	1,581	27	10,412	25	583	25							
else's views by imagining how an		3	Often	495	49	2,936	47	19,564	46	1,134	46	2.9	2.9	.03	2.9	01	2.9	04
issue looks from their		4	Very often	235	23	1,430	23	10,684	25	615	26							
perspective			Total	1,018	100	6,118	100	41,921	100	2,399	100							
f. Learned something	RInewview	1	Never	21	2	167	3	1,172	3	74	3							
that changed the way		2	Sometimes	249	25	1,702	29	11,676	29	679	29							
you understand an		3	Often	491	49	2,778	45	18,636	45	1,077	45	2.9	2.9 **	.09	2.9 *	.08	2.9 *	.09
issue or concept		4	Very often	238	23	1,330	22	9,647	23	526	22		Δ		Δ		Δ	
			Total	999	100	5,977	100	41,131	100	2,356	100		_		_		_	



First-Year Stud	dents					Frequen	cy Di	stributio	ns ^a				Stati		Comparis		ed with	
								Pub Simila	ar						Pub Sim	ilar		
				GVSU		Selected Pe	ers	Carnegie	9	MI Publi	С	GVSU	Selected	Peers	Carne	gie	MI Pul	blic
Item wording	Variable		a.											Effect		Effect		Effect
or description	name ^c	Values		Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
g. Connected ideas from your courses to your	RIconnect	1	Never	10	1	68	1	617	2	32	1							
prior experiences and		2	Sometimes	148	16	1,110	19	8,098	21	417	19	2.1						
knowledge		3	Often	530	53	2,993	50	19,792	48	1,131	48	3.1	3.1 *	.07	3.1 **	.09	3.1	.03
		4	Very often	299	30	1,747	29	12,078	29	737	31		Δ		Δ			
			Total	987	100	5,918	100	40,585	100	2,317	100							
3. During the current sc	hool year, abo	ut how	often have you don	e the followin	ıg?													
a. Talked about career	SFcareer	1	Never	97	10	1,240	22	7,518	20	334	14							
plans with a faculty		2	Sometimes	414	42	2,612	44	17,028	42	1,016	44							
member		3	Often	303	31	1,332	22	9,973	24	607	26	2.5	2.2 ***	.32	2.3 ***	.23	2.4 ***	.12
		4	Very often	167	17	714	12	5,983	14	354	16				Δ		Δ	
			Total	981	100	5,898	100	40,502	100	2,311	100							
b. Worked with a faculty	SFotherwork	1	Never	414	42	2,835	48	18,350	47	1,014	43							
member on activities		2	Sometimes	319	33	1,816	32	12,540	31	779	34							
other than coursework (committees, student		3	Often	157	16	839	14	6,155	15	340	15	1.9	1.8 ***	.15	1.8 **	.09	1.9	.06
groups, etc.)		4	Very often	90	9	380	7	3,269	8	167	8		Δ		Δ			
8 1 1			Total	980	100	5,870	100	40,314	100	2,300	100							
c. Discussed course	SFdiscuss	1	Never	223	22	1,834	31	13,299	34	702	31							
topics, ideas, or		2	Sometimes	439	46	2,463	42	15,491	39	962	42							
concepts with a faculty member outside of		3	Often	215	22	1,060	19	7,485	18	424	19	2.2	2.0 ***	.18	2.0 ***	.19	2.1 ***	.14
class		4	Very often	89	9	444	8	3,567	9	187	9		Δ		Δ		Δ	
			Total	966	100	5,801	100	39,842	100	2,275	100							
d. Discussed your	SFperform	1	Never	181	19	1,544	27	9,941	26	551	25							
academic performance		2	Sometimes	426	45	2,634	45	17,248	43	1,036	45							
with a faculty member		3	Often	258	26	1,177	20	8,784	21	497	22	2.3	2.1 ***	.21	2.1 ***	.14	2.1 ***	.15
		4	Very often	98	10	438	8	3,835	9	191	9		Δ		Δ		Δ	
			Total	963	100	5,793	100	39,808	100	2,275	100							
4. During the current sc	hool year, how	much l	has your coursewo	rk emphasize	d the	following?												
a. Memorizing course	memorize	1	Very little	23	3	194	4	1,368	4	71	3							
material		2	Some	211	23	1,484	27	10,040	26	580	25							
		3	Quite a bit	441	47	2,639	45	18,095	45	1,067	48	3.0	2.9 ***	.11	2.9 ***	.11	2.9 *	.09
		4	Very much	264	28	1,412	24	9,845	24	538	24		Δ	-	Δ	-	Δ	
			Total	939	100	5,729	100	39,348	100	2,256	100							



First-Year Stud	dents					Frequen	cy Dis	stributio	ns ^a				Stat		Compari t-year stude		ed with	
								Pub Simila	ar					Tour jirs	Pub Sir		u with	
				GVSU		Selected Pe	oerc	Carnegie		MI Publi	r	GVSU	Selected	l Peers	Carne		MI Pul	hlic
Item wording	Variable			0,30		Jerecteu i c		саттери	-	1411 1 4511			36,666	Effect	Curri	Effect	1711 1 4	Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
b. Applying facts,	HOapply	1	Very little	19	2	171	3	1,452	4	71	3							
theories, or methods to		2	Some	239	26	1,410	25	10,181	27	566	26							
practical problems or new situations		3	Quite a bit	457	48	2,667	46	17,980	45	1,093	47	2.9	2.9	.00	2.9	.06	2.9	.04
new situations		4	Very much	232	24	1,438	25	9,506	24	514	23							
			Total	947	100	5,686	100	39,119	100	2,244	100							
c. Analyzing an idea,	HOanalyze	1	Very little	26	3	193	4	1,525	4	88	4							
experience, or line of		2	Some	233	25	1,482	27	10,481	28	623	28							
reasoning in depth by examining its parts		3	Quite a bit	437	47	2,576	45	17,216	44	1,029	46	2.9	2.9	.05	2.9 *	.08	2.8 **	.12
examining its parts		4	Very much	243	25	1,369	25	9,413	24	484	22				Δ		Δ	
			Total	939	100	5,620	100	38,635	100	2,224	100							
d. Evaluating a point of	HOevaluate	1	Very little	31	3	214	4	1,412	4	79	4							
view, decision, or		2	Some	224	25	1,548	28	9,938	27	611	28							
information source		3	Quite a bit	441	48	2,549	44	17,458	45	1,012	45	2.9	2.9	.06	2.9	.03	2.9 *	.08
		4	Very much	234	24	1,291	24	9,583	25	507	22						Δ	
			Total	930	100	5,602	100	38,391	100	2,209	100						_	
e. Forming a new idea or	HOform	1	Very little	24	3	211	4	1,344	4	76	4							
understanding from		2	Some	222	25	1,425	26	9,642	26	558	26							
various pieces of		3	Quite a bit	451	49	2,598	46	17,595	46	1,043	47	2.9	2.9	.05	2.9	.04	2.9	.07
information		4	Very much	230	24	1,327	24	9,585	25	522	23							
			Total	927	100	5,561	100	38,166	100	2,199	100							
5. During the current scl	hool year, to w	hat ext	ent have your insti	ructors done t	the fo	llowing?												
a. Clearly explained	ETgoals	1	Very little	17	2	0	2	768	2	34	2							
course goals and		2	Some	152	16		19	7,440	19	425	20							
requirements		3	Quite a bit	482	53	2,606	47	17,035	44	1,044	48	3.1	3.1	.00	3.1	01	3.1	.02
		4	Very much	266	29	1,773	32	12,575	34	684	31	0.1	J.1	.00	5.1	01	5.1	.02
		•	Total	917	100	5,502	100	37,818	100	2,187	100							
b. Taught course sessions	ETorganize	1	Very little	25	3	· · · · · · · · · · · · · · · · · · ·	3	1,417	4	51	2							
in an organized way	. 6	2	Some	192	21	1,193	22	8,264	22	495	22							
		3	Quite a bit	446	48	2,550	46	16,562	43	1,012	46	3.0	3.0	.02	3.0	.02	3.0	.01
		4	Very much	256	28	1,584	29	11,410	31	623	29							
			Total	919	100	5,485	100	37,653	100	2,181	100							



100

2,140

First-Year Students Statistical Comparisons^b Frequency Distributions Your first-year students compared with **Pub Similar Pub Similar GVSU GVSU** Selected Peers Carnegie MI Public Selected Peers Carnegie MI Public Variable Effect Effect Effect Item wording Values ^d Response options size e size e name ' size e or description Count Count % Count % Count % Mean Mean Mean Mean c. Used examples or ETexample Very little 18 2 178 4 1,318 4 70 3 illustrations to explain 2 Some 172 19 1,169 21 8,395 22 506 23 difficult points 3 452 49 2,419 15,752 41 923 43 3.1 Ouite a bit 3.0 .05 3.0 .05 3.0 .07 274 30 1,694 31 32 672 31 Very much 12,119 916 100 37,584 100 100 Total 100 5,460 2,171 d. Provided feedback on ETdraftfb Very little 46 415 2,613 144 6 a draft or work in 2 28 28 Some 236 26 1,693 31 10,542 585 progress 2.9 3 392 42 1.989 36 13,734 36 839 38 Quite a bit 2.8 *** .11 2.9 .04 2.9 .03 Very much 243 26 1,358 26 10,611 29 604 28 Δ Total 917 100 5,455 100 37,500 100 2,172 100 Very little e. Provided prompt and ETfeedback 54 428 8 2,960 8 166 8 detailed feedback on 279 30 1,829 33 11,518 30 649 30 tests or completed 43 38 13,927 37 40 2.8 Quite a bit 392 2,067 876 2.7 ** .09 2.8 .02 2.8 .04 assignments Very much 185 21 1.104 21 8.853 24 466 22 Δ Total 910 100 5,428 100 37,258 100 2,157 100 f. Explained in advance Very little 25 153 3 1.186 3 67 3 etcriteria the criteria for 194 22 1.224 23 8.286 22 486 23 successfully 42 3.0 Quite a bit 428 48 2,432 44 15,875 956 44 3.0 -.02 3.0 -.05 3.0 -.01 completing your 244 27 1,571 30 11,639 32 642 30 Very much assignments Total 5,380 100 36,986 100 100 891 2,151 3 3 48 2 g. Reviewed and Very little 26 142 3 1,068 etreview summarized key ideas 214 24 1.254 24 8,437 23 505 24 Some or concepts 3.0 Quite a bit 423 48 2,519 46 16,597 44 1,022 47 3.0 -.01 3.0 -.06 3.0 -.03 27 Very much 228 25 1,448 27 10,782 30 571 Total 891 100 5.363 100 36,884 100 2.146 100 h. Taught in a way that etprefer Very little 52 370 7 2,866 8 161 8 aligns with how you 342 38 1,922 36 12,960 35 802 37 prefer to learn Quite a bit 362 41 2.148 40 13,832 37 812 38 2.7 2.7 -.02 -.04 2.6 .01 2.7 Very much 133 15 906 17 7,109 20 365 17

100

36,767

100

5,346

Total

889

100



First-Year Stu	idents					Frequen	cy Dis	stributio	ns ^a				Stati		Comparis t-year student		d with	
				GVSU		Selected Pe	ers	Pub Simila Carnegie		MI Publi	С	GVSU	Selected	Peers	Pub Sim Carnes		MI Pub	olic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
i. Enabled you to	etdemonstrate	1	Very little	12	1	111	2	972	3	44	2							
demonstrate your		2	Some	131	15	978	19	6,902	19	354	17							
learning through quizzes, assignments,		3	Quite a bit	437	50	2,496	46	16,151	43	989	46	3.2	3.1 **	.09	3.1 *	.07	3.1	.04
and other activities		4	Very much	297	33	1,754	33	12,674	35	744	35		Δ		Δ			
			Total	877	100	5,339	100	36,699	100	2,131	100							
6. During the current s	school year, abou	ut how	often have you doi	ne the followin	ng?													
a. Reached conclusions	QRconclude	1	Never	70	8	517	10	3,500	10	216	10							
based on your own		2	Sometimes	344	39	1,921	36	13,261	37	821	38							
analysis of numerical		3	Often	331	38	1,997	38	13,277	37	749	36	2.6	2.6	.01	2.6	01	2.6	.03
information (numbers, graphs, statistics, etc.)		4	Very often	128	15	776	15	5,982	17	311	16							
graphs, statistics, etc.)			Total	873	100	5,211	100	36,020	100	2,097	100							
b. Used numerical	QRproblem	1	Never	116	13	870	17	6,231	18	408	20							
information to examine		2	Sometimes	360	41	2,175	42	14,120	39	840	40							
a real-world problem		3	Often	294	34	1,546	30	10,762	30	616	29	2.4	2.4 **	.09	2.4	.06	2.3 ***	.14
or issue (unemployment,		4	Very often	102	12	589	11	4,721	13	221	11		Δ				Δ	
climate change, public health, etc.)			Total	872	100	5,180	100	35,834	100	2,085	100		_					
c. Evaluated what others	QRevaluate	1	Never	117	13	812	16	6,184	18	385	18							
have concluded from		2	Sometimes	375	43	2,245	43	14,577	41	878	42							
numerical information		3	Often	295	34	1,571	30	10,770	30	623	30	2.4	2.4	.06	2.4	.05	2.3 **	.10
		4	Very often	83	9	540	10	4,141	12	192	10						Δ	
			Total	870	100	5,168	100	35,672	100	2,078	100							
. During the current s	school year, abou	ut how	many papers, repo	orts, or other	writin	g tasks of th	e follo	wing length	s have	you been a	ssigne	d? (Include those	not yet con	npleted.)				
a. Up to 5 pages	wrshortnum	0	None	34	4	355	7	2,769	8	108	5							
	(Recoded version	1.5	1-2	123	14	1,124	21	7,661	21	368	17							
	of wrshort created	4	3-5	302	35	1,691	33	11,380	32	668	32							
	by NSSE. Values are estimated	8	6-10	213	25	1,071	21	7,461	21	467	23	7.2	6.2 ***	.17	6.2 ***	.17	7.1	.01
	number of papers,	13	11-15	95	11	484	10	3,292	9	251	12		Δ		Δ			
	reports, etc.)	18	16-20	45	5	187	4	1,306	4	97	5							
		23	More than 20	42	5	214	4	1,605	5	108	6							
			Total	854	100	5,126	100	35,474	100	2,067	100							



First-Year St	udents					Frequen	cy Dis	stributio	ns ^a				Stat		Comparis		od with	
				GVSU		Selected Pe	ers	Pub Simil Carnegi		MI Publi	С	GVSU	Selected		Pub Sim Carne	nilar	MI Pu	ublic
Item wording	Variable													Effect		- Effect		Effect
or description	name ^c	Values '	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ⁶
b. Between 6 and 10	wrmednum	0	None	274	32	2,102	40	14,820	42	680	33							
pages	(Recoded version	1.5	1-2	284	32	1,710	34	10,631	30	737	36							
	of wrmed created	4	3-5	177	21	752	15	5,403	15	370	18							
	by NSSE. Values are estimated	8	6-10	82	10	365	7	2,784	8	168	8	2.9	2.3 ***	.17	2.5 **	.10	2.7	.03
	number of papers,	13	11-15	21	3	107	2	1,030	3	63	3		Δ		Δ			
	reports, etc.)	18	16-20	7	1	33	1	251	1	14	1							
		23	More than 20	9	1	35	1	362	1	20	1							
			Total	854	100	5,104	100	35,281	100	2,052	100							
c. 11 pages or more	wrlongnum	0	None	659	76	3,913	76	26,632	75	1,510	72							
	(Recoded version	1.5	1-2	104	12	675	13	4,298	12	336	18							
	of wrlong created	4	3-5	39	5	215	5	1,671	5	89	5							
	by NSSE. Values are estimated	8	6-10	19	2	137	3	1,232	4	53	3	1.2	1.2	.01	1.4	05	1.2	01
	number of papers,	13	11-15	20	2	109	2	925	3	51	2							
	reports, etc.)	18	16-20	3	0	25	0	211	1	6	0							
		23	More than 20	9	1	37	1	348	1	14	1							
			Total	853	100	5,111	100	35,317	100	2,059	100							
Estimated number of	wrpages					· ·		<u> </u>		<u> </u>								
assigned pages of												62.0	53.7 **	.10	58.6	.04	61.3	.01
student writing.			ded and summed by I, and wrlong. Values									02.0	Δ	.10	36.0	.04	01.3	.01
	are estimated pages																	
8. During the current	school year, abou	t how o	often have you had	discussions	with _l	people from	the foll	owing grou	ıps?									
a. People of races or	DDrace	1	Never	21	2	195	4	1,850	6	83	4							
ethnicities other than		2	Sometimes	217	25	1,281	25	8,920	26	483	23							
your own		3	Often	336	40	1,678	33	11,974	33	732	36	3.0	3.1	04	3.0 *	.06	3.0	03
		4	Very often	286	33	1,948	39	12,582	35	753	36				Δ			
			Total	860	100	5,102	100	35,326	100	2,051	100							
b. People from economic	c DDeconomic	1	Never	20	2	173	4	1,698	6	73	4							
backgrounds other		2	Sometimes	202	24	1,182	23	8,495	25	489	25							
than your own		3	Often	347	41	1,937	37	13,198	37	768	37	3.0	3.0	.00	3.0 **	.09	3.0	.03
		4	Very often	289	33	1,794	35	11,823	33	719	34				Δ			
			Total	858	100	5,086	100	35,214	100	2,049	100							



First-Year Stud	dents					Frequen	cy Dis	stributio	ns ^a				Stati		Comparis		ed with	
				GVSU		Selected Pe	orc	Pub Simila Carnegie		MI Publi	•	GVSU	Selected		Pub Sim Carnes	ilar	MI Pul	alic
Item wording	Variable			0.00		Selected F	C13	Carriegie	-	IVII FUDII			Selected	Effect	Carrie	Effect	IVII F UL	Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size e	Mean	size ^e	Mean	size e
c. People with religious	DDreligion	1	Never	42	5	249	5	2,423	8	103	5							
beliefs other than your		2	Sometimes	238	28	1,381	27	9,692	29	540	27							
own		3	Often	331	38	1,741	34	11,911	33	742	36	2.9	3.0 *	07	2.9	.03	2.9	05
		4	Very often	246	28	1,714	34	11,196	31	663	32		∇					
			Total	857	100	5,085	100	35,222	100	2,048	100							
d. People with political	DDpolitical	1	Never	50	6	414	8	3,099	10	164	8							
views other than your		2	Sometimes	232	27	1,736	33	11,143	32	698	34							
own		3	Often	309	36	1,574	31	11,077	31	650	32	2.9	2.8 ***	.15	2.8 ***	.17	2.8 ***	.17
		4	Very often	265	31	1,362	28	9,867	27	535	26		Δ		Δ		Δ	
			Total	856	100	5,086	100	35,186	100	2,047	100							
e. People with sexual	ddsexorient	1	Never	55	7	354	8	3,209	10	147	8							
orientations other than		2	Sometimes	254	31	1,413	29	9,776	29	510	27							
your own		3	Often	282	33	1,604	31	10,986	30	674	32	2.8	2.9	04	2.8	.04	2.9	06
		4	Very often	251	29	1,708	32	11,181	30	714	33							
			Total	842	100	5,079	100	35,152	100	2,045	100							
f. People from countries	ddcountry	1	Never	113	13	535	11	3,888	12	198	9							
other than your own		2	Sometimes	383	45	2,094	41	13,775	39	811	40							
		3	Often	209	25	1,313	26	9,455	26	567	28	2.4	2.6 ***	16	2.6 ***	16	2.7 ***	23
		4	Very often	137	16	1,144	22	8,051	23	468	24		∇		∇		∇	
			Total	842	100	5,086	100	35,169	100	2,044	100							
9. During the current sc	hool year, abo	ut how	often have you doi	ne the followi	ng?													
a. Identified key	LSreading	1	Never	13	2	114	3	744	2	47	3							
information from		2	Sometimes	166	21	1,177	24	8,368	25	489	24							
reading assignments		3	Often	449	53	2,442	48	16,536	47	989	48	3.0	3.0	.05	3.0	.05	3.0	.06
		4	Very often	214	24	1,293	25	9,240	26	507	25							
			Total	842	100	5,026	100	34,888	100	2,032	100							
b. Reviewed your notes	LSnotes	1	Never	23	3	196	4	1,331	4	78	4							
after class		2	Sometimes	219	27	1,411	29	9,603	29	583	29							
		3	Often	336	40	1,850	37	12,847	36	752	37	3.0	2.9	.05	2.9	.04	2.9	.06
		4	Very often	267	30	1,555	30	11,005	31	616	30							
			Total	845	100	5,012	100	34,786	100	2,029	100							



First-Year Stu	dents					Frequen	cy Dis	stributio	ns ^a				Stat		Comparis		ed with	
				GVSU		Selected Pe	eers	Pub Simila Carnegio		MI Publi	С	GVSU	Selected		Pub Sin Carne	nilar	MI Pul	blic
Item wording	Variable		_						-				55.55.55	Effect		Effect		Effect
or description	name ^c	Values ^a	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
c. Summarized what you	LSsummary	1	Never	24	3	215	5	1,440	5	90	5							
learned in class or		2	Sometimes	210	26	1,468	30	9,876	29	575	29							
from course materials		3	Often	375	45	2,027	40	13,986	40	853	41	2.9	2.9 **	.11	2.9 *	.08	2.9 **	.11
		4	Very often	232	27	1,306	25	9,515	26	514	25		Δ		Δ		Δ	
			Total	841	100	5,016	100	34,817	100	2,032	100							
0. During the current	school year, to	what ext	tent have your cour	ses challeng	ed yo	u to do your	best w	ork?										
J	challenge	1	Not at all	3	0	26	1	291	1	18	1							
		2		5	1	63	1	441	1	19	1							
		3		32	4	237	5	1,944	6	110	6							
		4		83	10	704	14	4,908	14	259	13	5.3	5.3	.05	5.3	.03	5.2 *	.08
		5		345	42	1,900	37	12,229	35	780	38						Δ	
		6		236	29	1,246	25	7,911	23	485	24						_	
		7	Very much	120	14	818	17	6,767	20	345	17							
			Total	824	100	4,994	100	34,491	100	2,016	100							
1. Which of the follow	ing have you do	ne whil	e in college or do y	ou plan to de	o befo	re you grad	uate?f											
a. Participate in an	intern		Have not decided	105	13	611	12	5,225	17	290	14							
internship, co-op, field	(Means indicate		Do not plan to do	46	6	279	6	2,441	8	114	6							
experience, student	the percentage		Plan to do	611	75	3,661	73	24,052	68	1,443	71	7%	8%	06	8%	03	8%	06
teaching, or clinical placement	who responded		Done or in progress	60	7	409	8	2,654	8	162	8	. , .	0,0	.00	070	.02	070	.00
piacement	"Done or in progress.")		Total	822	100	4,960	100	34,372	100	2,009	100							
b. Hold a formal	leader		Have not decided	244	30	1,422	28	9,859	29	579	27							
leadership role in a	(Means indicate		Do not plan to do	235	29	1,305	27	9,778	30	592	30							
student organization or	the percentage		Plan to do	268	32	1,724	35	11,267	32	625	31	8%	100/	06	001	0.4	110/ *	10
group	who responded		Done or in progress	68	8	490	10	3,355	9	211	11	0 70	10%	06	9%	04	11% *	10
	"Done or in		Total	815	100	4,941	100	34,259	100	2,007	100						∇	
	progress.")																	
c. Participate in a	learncom		Have not decided	286	35	1,641	33	11,750	35	735	35							
learning community or some other formal	(Means indicate		Do not plan to do	247	30	1,473	30	9,235	28	563	29	44 ~						
program where groups	the percentage who responded		Plan to do	189	23	1,255	26	9,513	28	479	24	11%	11%	.02	10%	.04	12%	03
of students take two or	"Done or in		Done or in progress	90	11	558	11	3,633	10	217	12							
more classes together	progress.")		Total	812	100	4,927	100	34,131	100	1,994	100							



First-Year Stu	idents					Frequen	cy Dis	stributio	ns ^a				Stat		Comparis		ed with	
								Pub Simila	ar						Pub Sin	nilar		
				GVSU		Selected Pe	ers	Carnegie	e	MI Publi	С	GVSU	Selected	l Peers	Carne	gie	MI Pu	ublic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size '
d. Participate in a study	abroad		Have not decided	267	33	1,381	28	10,631	31	611	30							
abroad program	(Means indicate		Do not plan to do	303	37	1,545	32	12,288	36	752	38							
	the percentage		Plan to do	232	28	1,849	38	10,262	30	577	29	2%	3% *	09	3%	07	3% *	10
	who responded "Done or in		Done or in progress	12	2	156	3	971	3	57	3		∇				∇	
	progress.")		Total	814	100	4,931	100	34,152	100	1,997	100							
e. Work with a faculty	research		Have not decided	325	40	1,847	38	12,986	39	765	38							
member on a research	(Means indicate		Do not plan to do	241	29	1,175	24	9,327	27	529	27							
project	the percentage		Plan to do	203	25	1,686	34	10,006	29	576	29	6%	4%	.05	5%	.01	6%	03
	who responded "Done or in		Done or in progress	44	6	227	4	1,823	5	125	6							
	progress.")		Total	813	100	4,935	100	34,142	100	1,995	100							
f. Complete a	capstone		Have not decided	289	35	1,591	31	12,334	36	724	35							
culminating senior	(Means indicate		Do not plan to do	104	13	588	12	4,818	14	266	14							
experience (capstone	the percentage		Plan to do	397	49	2,637	55	16,063	46	968	49	3%	3%	.02	3%	.01	2%	.04
course, senior project or thesis, portfolio,	who responded		Done or in progress	22	3	112	3	902	3	37	2							
recital, comprehensive exam, etc.)	"Done or in progress.")		Total	812	100	4,928	100	34,117	100	1,995	100							
12. About how many of	f vour courses at	this in	stitution have inclu	ided a comm	unity	-hased nroie	ct (serv	rice-learnin	19)?									
12. Hoode now many of	servcourse	1	None	417	51	2,368	47	15,031	44	1,011	51							
		2	Some	306	38		42	14,654	43	780	40							
		3	Most	72	9	· ·	9	3,358	10	156	8	1.6	1.7	06	1.7 ***	12	1.6	.01
		4	All	12	2		2	795	2	28	2	_,_			∇			
			Total	807	100	4,887	100	33,838	100	1,975	100				*			
13. Indicate the quality	of your interact	tions w	ith the following pe	eople at vour	insti	tution.												-
a. Students	QIstudent	1	Poor	6	1	64	1	521	2	14	1							
		2		12	1	72	2	676	2	38	2							
		3		35	4	230	5	1,739	5	100	5							
		4		120	15	620	13	4,394	13	257	12							
		5		274	33	1,464	30	9,571	27	602	30	5.3	5.4	07	5.3	04	5.4	07
		6		262	31	1,452	29	9,152	26	573	29							
		7	Excellent	111	14	942	19	7,286	22	366	19							
		_	Not applicable	5	1	50	1	559	2	27	2							
			Total	825	100	4,894	100	33,898	100	1,977	100							



First-Year Stud	dents					Frequen	cy Dis	stributio	ns ^a				Stati		Comparis t-year student		d with	
								Pub Simil	ar						Pub Sim	ilar		
				GVSU		Selected Pe	eers	Carnegi	e	MI Publi	С	GVSU	Selected I	Peers	Carne	jie	MI Puk	olic
Item wording or description	Variable name ^c	Values	^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	QIadvisor	1	Poor	7	1	95	2	809	3	36	2							
		2		10	1	149	3	1,081	3	57	3							
		3		31	4	328	7	2,019	6	103	5							
		4		80	10	606	12	4,192	12	247	12							
		5		158	19	991	20	6,741	19	401	20	5.8	5.4 ***	.27	5.4 ***	.21	5.5 ***	.19
		6		207	26	1,180	24	7,387	21	481	25		Δ		Δ		Δ	
		7	Excellent	310	37	1,327	28	10,763	33	626	32							
		_	Not applicable	18	2	202	4	829	3	25	1							
			Total	821	100	4,878	100	33,821	100	1,976	100							
E. Faculty	QIfaculty	1	Poor	4	0	41	1	453	2	26	1							
		2		7	1	71	2	674	2	31	2							
		3		29	4	209	4	1,579	5	84	4							
		4		95	12	601	12	4,258	12	245	12							
		5		255	31	1,422	29	8,875	26	542	27	5.5	5.4	.04	5.4	.04	5.4	.06
		6		265	32	1,522	31	9,566	28	614	30							
		7	Excellent	160	19	937	20	7,808	24	406	21							
		_	Not applicable	10	1	78	2	605	2	26	1							
			Total	825	100	4,881	100	33,818	100	1,974	100							
Student services staff	QIstaff	1	Poor	9	1	97	2	853	3	41	2							
(career services, student activities,		2		18	2		3	967	3	58	3							
housing, etc.)		3		44	5		6	1,953	6	106	6							
nousing, etc.)		4		104	14		15	4,470	13	265	13							
		5		199	24	· ·	23	7,163	21	429	21	5.4	5.2 ***	.15	5.2 **	.09	5.2 *	.10
		6		205	24		21	7,090	20	426	22		Δ		Δ		Δ	
		7	Excellent	189	22		18	7,163	22	391	20							
		_	Not applicable	57	7	529	11	4,148	14	255	13							
			Total	825	100	4,875	100	33,807	100	1,971	100							



First-Year Stu	dents					Frequen	cy Dis	stributio	ns ^a				Stat		Comparis		d with	
				GVSU		Selected Pe	eers	Pub Simila Carnegie		MI Public	С	GVSU	Selected		Pub Sim Carnes	ilar	MI Pu	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
e. Other administrative	QIadmin	1	Poor	7	1	108	2	962	3	41	2							
staff and offices		2		23	3	152	3	1,135	3	72	4							
(registrar, financial aid, etc.)		3		41	5	301	6	2,187	6	111	6							
aid, ctc.)		4		112	14	755	15	4,853	14	291	15							
		5		210	25	1,156	23	7,496	22	456	23	5.3	5.1 ***	.13	5.2 *	.07	5.2	.07
		6		195	24	1,071	21	7,051	21	431	22		Δ		Δ			
		7	Excellent	159	18	782	16	7,178	22	375	19							
		_	Not applicable	78	10	563	12	2,995	9	197	10							
			Total	825	100	4,888	100	33,857	100	1,974	100							
14. How much does you	r institution en	nphasiz	e the following?															
a. Spending significant	empstudy	1	Very little	7	1	70	2	587	2	33	2							
amounts of time		2	Some	162	21	1,067	22	7,575	23	514	26							
studying and on		3	Quite a bit	419	53	2,412	49	16,378	48	944	47	3.0	3.0	.00	3.0	.04	3.0 *	.10
academic work		4	Very much	212	25	1,308	28	9,098	27	479	25						Δ	
			Total	800	100	4,857	100	33,638	100	1,970	100							
b. Providing support to	SEacademic	1	Very little	21	3	168	4	1,364	5	64	4							
help students succeed		2	Some	157	20	1,120	23	7,717	23	442	23							
academically		3	Quite a bit	390	49	2,268	46	14,730	43	869	44	3.0	3.0 **	.09	3.0 *	.08	3.0	.05
		4	Very much	240	29	1,289	27	9,757	29	585	30		Δ		Δ			
			Total	808	100	4,845	100	33,568	100	1,960	100							
c. Using learning support	SElearnsup	1	Very little	20	3	270	6	2,172	7	120	6							
services (tutoring		2	Some	127	16	964	21	6,456	20	327	17							
services, writing center, etc.)		3	Quite a bit	340	43	1,945	39	12,932	38	801	41	3.2	3.0 ***	.19	3.0 ***	.17	3.1 ***	.13
center, etc.)		4	Very much	320	38	1,660	33	11,954	35	713	35		Δ		Δ		Δ	
			Total	807	100	4,839	100	33,514	100	1,961	100							
d. Encouraging contact	SEdiverse	1	Very little	68	8	456	9	3,264	10	175	10							
among students from		2	Some	230	30	1,482	31	9,862	30	535	27							
different backgrounds (social, racial/ethnic,		3	Quite a bit	343	43	1,819	37	12,450	37	741	37	2.7	2.7	.02	2.7	.01	2.8	07
religious, etc.)		4	Very much	163	19	1,075	22	7,888	23	513	26							
. B,/			Total	804	100	4,832	100	33,464	100	1,964	100							



First-Year Students Statistical Comparisons^b Frequency Distributions Your first-year students compared with **Pub Similar** Pub Similar **GVSU GVSU** Selected Peers Carnegie MI Public Selected Peers Carnegie MI Public Variable Effect Effect Effect Item wording Values ^d Response options size e size e name ' size e or description Count Count % Count % Count % Mean Mean Mean Mean 5 5 e. Providing SEsocial Very little 35 4 244 1,903 6 92 opportunities to be 2 Some 183 24 1,155 24 7,826 24 414 22 involved socially 3 377 47 2.089 43 13,788 41 829 42 2.9 Ouite a bit 2.9 -.01 2.9 .00 3.0 -.07 31 25 1,334 28 9,902 29 621 Very much 206 4,822 100 100 1,956 100 Total 801 100 33,419 f. Providing support for SEwellness Very little 33 273 6 2,076 107 6 your overall well-2 26 25 25 24 Some 199 1,202 8,143 454 being (recreation, 2.9 3 356 45 2.068 43 13,562 40 41 Quite a bit 814 2.9 .01 2.9 .02 2.9 -.02 health care, Very much 211 25 1,274 27 9,583 28 580 29 counseling, etc.) Total 799 100 4,817 100 33,364 100 1,955 100 g. Helping you manage SEnonacad Very little 156 20 1.031 21 6,873 21 435 23 your non-academic 37 Some 324 41 1,957 40 12,373 773 39 responsibilities (work, 222 28 27 9,442 28 26 2.3 Quite a bit 1,280 528 2.3 .03 2.3 -.03 2.3 .05 family, etc.) Very much 95 12 537 12 4,637 14 224 12 Total 797 100 4,805 100 33,325 100 1,960 100 h. Attending campus **SEactivities** Very little 49 339 7 2,977 10 136 7 activities and events 223 29 1.327 28 8,551 26 486 25 (performing arts, 42 2.8 Quite a bit 339 43 2,018 41 13,029 38 813 2.8 .01 2.8 .01 2.9 -.06 athletic events, etc.) 187 22 1,123 23 8,763 26 518 25 Very much Total 798 4,807 100 33,320 100 1,953 100 115 291 15 i. Attending events that SEevents Very little 16 822 18 5,991 19 address important 290 36 1.911 39 11,925 36 41 Some 769 social, economic, or 2.5 Quite a bit 274 34 1,481 30 10,157 30 621 30 2.4 ** .11 2.4 .06 2.4 .05 political issues

Very much

Total

121

800

14

100

596

4.810

13

100

5,238

33,311

16

100

273

1.954

14

100

Δ



First-Year Stu	idents					Frequen	cy Dis	stributio	ns ^a				Stat		Compari t-year studer		ed with	
								Pub Simil	ar						Pub Sir	nilar		
				GVSU		Selected Pe	eers	Carnegie	9	MI Publi	С	GVSU	Selected	l Peers	Carne	egie	MI Pu	Jblic
Item wording or description	Variable name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. To what extent do	you agree or disa	igree w	ith the following s	tatements?														
a. I feel comfortable	sbmyself	1	Strongly disagree	10	1	78	2	633	2	33	2							
being myself at this		2	Disagree	72	9	362	8	2,629	8	144	8							
institution.		3	Agree	474	59	2,879	59	19,230	57	1,142	57	3.2	3.2	.01	3.2	01	3.2	03
		4	Strongly agree	250	31	1,483	31	10,801	33	634	33							
			Total	806	100	4,802	100	33,293	100	1,953	100							
b. I feel valued by this	sbvalued	1	Strongly disagree	16	2	148	4	1,088	4	49	3							
institution.		2	Disagree	113	15	801	17	5,391	17	326	17							
		3	Agree	523	65	2,934	60	19,891	59	1,201	60	3.0	3.0	.06	3.0	.04	3.0	.03
		4	Strongly agree	151	18	910	19	6,854	21	380	20							
			Total	803	100	4,793	100	33,224	100	1,956	100							
c. I feel like part of the	sbcommunity	1	Strongly disagree	20	3	179	4	1,235	4	57	3							
community at this		2	Disagree	143	18	844	18	5,954	18	368	18							
institution.		3	Agree	487	60	2,761	56	18,776	56	1,123	57	3.0	3.0	.00	3.0	.01	3.0	02
		4	Strongly agree	158	19	1,016	22	7,338	22	408	21							
			Total	808	100	4,800	100	33,303	100	1,956	100							
16. About how many h			• •			_												
a. Preparing for class	tmprephrs	0	0 hrs	2	0		0	164	1	9	1							
(studying, reading, writing, doing	(Recoded version	3	1-5 hrs	90	12		13	4,971	16	250	13							
homework or lab	of tmprep created by NSSE. Values	8	6-10 hrs	201	25	1,181	24	8,478	25	513	25							
work, analyzing data,	are estimated	13	11-15 hrs	199	25	1,119	22	7,573	22	447	23	13.9		0.6	12.4	0.6	110	0.1
rehearsing, and other	number of hours	18	16-20 hrs	145	18	883	18	5,944	17	360	18	13.9	14.4	06	13.4	.06	14.0	01
academic activities)	per week.)	23	21-25 hrs	91	12	540	12	3,216	10	200	11							
		28 33	26-30 hrs More than 30 hrs	24 37	3 5	250 221	5 5	1,485 1,337	5 4	85 87	5 5							
		33	Total	789	100	4,790	100	33,168	100	1,951	100							



irst-Year Stu	idents				Frequen	cy Dis	stributio	ns ^a				Sta		Compari st-year studer		ed with		
				GVSU		Selected Pe	ore	Pub Simil		MI Publi		GVSU	Selected		Pub Sir Carne	nilar	MI Pu	و الط
	Mariabla			GV30		Selected Pe	2015	Carriegi	E	IVII PUDII		GV30	Selected		Carrie		IVII P	Effect
Item wording or description	Variable name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	size ^e
o. Participating in co-	tmcocurrhrs	0	0 hrs	257	31	1,596	34	12,964	41	731	37							
curricular activities	(Recoded version	3	1-5 hrs	302	36	1,772	36	10,178	29	647	33							
(organizations, campus	oj inteoetii.	8	6-10 hrs	142	17	716	15	4,516	13	269	14							
publications, student government, fraternity	created by NSSE. Values are	13	11-15 hrs	71	8	342	8	2,693	8	148	8							
or sorority,	estimated number	18	16-20 hrs	41	5	202	5	1,571	5	83	5	5.4	4.9	.07	4.8 *	.08	4.9	.06
intercollegiate or	of hours per	23	21-25 hrs	23	3	80	2	737	2	35	2				Δ			
intramural sports, etc.)	week.)	28	26-30 hrs	5	1	39	1	235	1	14	1							
		33	More than 30 hrs	5	1	31	1	342	1	22	1							
			Total	846	100	4,778	100	33,236	100	1,949	100							
. Working for pay	tmworkonhrs	0	0 hrs	658	83	3,948	83	27,080	82	1,544	80							
on campus	(Recoded version	3	1-5 hrs	8	1	141	3	933	3	55	3							
	of tmworkon	8	6-10 hrs	44	6	276	5	1,477	4	95	5							
	created by NSSE. Values are	13	11-15 hrs	39	5	203	4	1,521	4	134	6							
	estimated number	18	16-20 hrs	22	3	150	3	1,350	4	79	4	2.2	2.0	.03	2.3	03	2.5	07
	of hours per	23	21-25 hrs	12	1	39	1	438	1	29	2							
	week.)	28	26-30 hrs	3	0	11	0	113	0	5	0							
		33	More than 30 hrs	1	0	19	0	190	1	8	0							
			Total	787	100	4,787	100	33,102	100	1,949	100							
Working for pay	tmworkoffhrs	0	0 hrs	475	60	3,122	66	19,192	59	1,174	61							
off campus	(Recoded version	3	1-5 hrs	46	6	245	5	1,582	5	98	5							
	of tmworkoff	8	6-10 hrs	48	6	326	7	2,099	6	144	7							
	created by NSSE. Values are	13	11-15 hrs	76	10	337	7	2,409	7	145	7							
	estimated number	18	16-20 hrs	71	9	320	6	2,735	8	170	8	6.0	5.2 *	.08	7.4 ***	13	6.2	02
	of hours per	23	21-25 hrs	40	5	179	4	1,943	6	87	4		Δ		∇			
	week.)	28	26-30 hrs	19	3	115	2	1,303	4	55	3							
		33	More than 30 hrs	12	2	134	3	1,843	6	76	4							
			Total	787	100	4,778	100	33,106	100	1,949	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous											8.1	72 *	00	0.7 ***	12	0.7	07
	variable created											0.1	7.2 *	.08	9.7 ***	13	8.7	06
	by NSSE)												Δ		∇			



First-Year Stu	idents					Frequen	cy Dis	tributio	ns ^a				Stat		Compari t-year studer		ed with	
								Pub Simil	ar						Pub Sir	nilar		
				GVSU		Selected Pe	eers	Carnegie	9	MI Publi	С	GVSU	Selected	Peers	Carne	egie	MI Pu	Jblic
Item wording or description	Variable name ^c	Values ^c	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community	tmservicehrs	0	0 hrs	477	61	3,184	67	20,590	63	1,181	61							
service or volunteer	(Recoded version	3	1-5 hrs	232	28	1,085	22	8,221	24	531	27							
work	of tmservice	8	6-10 hrs	41	5	235	5	1,962	6	115	6							
	created by NSSE.	13	11-15 hrs	15	2	130	3	1,102	3	44	2							
	Values are estimated number	18	16-20 hrs	15	2	72	2	612	2	41	2	2.1	2.1	.02	2.4	06	2.4	06
	of hours per	23	21-25 hrs	5	1	38	1	323	1	18	1							
	week.)	28	26-30 hrs	1	0	11	0	94	0	4	0							
		33	More than 30 hrs	1	0	12	0	156	1	11	0							
			Total	787	100	4,767	100	33,060	100	1,945	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	13	2	99	2	778	3	22	1							
socializing (time with	(Recoded version	3	1-5 hrs	142	17	819	17	6,858	21	343	18							
friends, video games,	of tmrelax created	8	6-10 hrs	199	25	1,292	27	8,783	26	502	26							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	177	23	1,081	23	6,924	21	436	21							
up with friends online, etc.)	are estimated number of hours	18	16-20 hrs	120	15	719	15	4,580	14	304	15	13.3	12.8	.05	12.4 **	.11	13.3	.00
cic.)	per week.)	23	21-25 hrs	56	7	354	8	2,142	7	140	8				Δ			
	per week.)	28	26-30 hrs	28	4	146	3	980	3	68	4				_			
		33	More than 30 hrs	53	7	262	6	2,049	7	132	7							
			Total	788	100	4,772	100	33,094	100	1,947	100							
g. Providing care for	tmcarehrs	0	0 hrs	679	80	3,761	79	23,804	70	1,505	77							-
dependents (children,	(Recoded version	3	1-5 hrs	87	11	431	9	3,913	12	209	10							
parents, etc.)	of tmcare created	8	6-10 hrs	30	3	209	4	1,836	6	79	4							
	by NSSE. Values	13	11-15 hrs	27	3	139	3	1,250	4	65	3							
	are estimated number of hours	18	16-20 hrs	9	1	94	2	762	3	32	2	1.6	2.2 **	09	3.4 ***	24	2.3 **	11
	per week.)	23	21-25 hrs	8	1	41	1	444	1	27	2		∇		∇		∇	
	r ···/	28	26-30 hrs	1	0	17	0	171	1	9	0		•		•		•	
		33	More than 30 hrs	4	1	68	1	1,016	3	22	1							
			Total	845	100	4,760	100	33,196	100	1,948	100							



First-Year Stud	dents					Frequen	cy Dis	stributio	ns ^a				Stati		Comparis		ed with	
								Pub Simil	ar					rour jiis	Pub Sim		u with	
				GVSU		Selected Pe	eers	Carnegi		MI Publi	С	GVSU	Selected	Peers	Carne		MI Pul	olic
Item wording	Variable													Effect	· · · · · · · · · · · · · · · · · · ·	Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ⁶
h. Commuting to campus	tmcommutehrs	0	0 hrs	275	35	1,756	37	10,538	32	616	30							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	352	44	1,894	39	13,574	41	901	47							
	of tmcommute created by NSSE.	8	6-10 hrs	96	13	630	14	4,640	14	256	13							
	Values are	13	11-15 hrs	26	3	261	6	2,007	6	85	4							
	$estimated\ number$	18	16-20 hrs	17	2	121	3	1,050	3	43	2	3.9	4.2	06	4.9 ***	16	4.2	00
	of hours per	23	21-25 hrs	7	1	53	1	544	2	23	1				∇			
	week.)	28	26-30 hrs	4	0	21	1	228	1	7	0							
		33	More than 30 hrs	9	1	38	1	533	2	20	1							
			Total	786	100	4,774	100	33,114	100	1,951	100							
7. Of the time you sper	nd preparing for	class	in a typical 7-day v	veek, about h	ow m	uch is on as	signed	reading?										
	reading	1	Very little	69	9	756	16	4,990	15	360	19							
		2	Some	286	37	1,747	38	12,259	37	745	39							
		3	About half	247	31	1,313	28	9,110	28	500	25	2.7	2.5 ***	.19	2.6 ***	.15	2.5 ***	.2
		4	Most	125	16	703	14	4,919	15	265	13		Δ		Δ		Δ	
		5	Almost all	57	7	236	5	1,701	5	81	4							
			Total	784	100	4,755	100	32,979	100	1,951	100							
	tmreadinghrs																	
(Continuous variable of tmprephrs based of About ha		ery little	e=.10; Some=.25;									6.2	5.8 * <u>\(\times\)</u>	.07	5.7 ** ^	.10	5.6 ** <u>\times</u>	.1
	tmreadinghrscol	1	0 hrs	2	0	13	0	159	1	8	1							
	(Collapsed version of	2	More than zero, up to 5 hrs	410	53	2,712	58	19,317	59	1,192	61							
	tmreadinghrs created by NSSE.)	3	More than 5, up to 10 hrs	236	31	1,297	27	8,460	25	472	24							
		4	More than 10, up to 15 hrs	73	9	361	7	2,592	8	154	8							
		5	More than 15, up to 20 hrs	35	4	198	4	1,212	4	55	3							
		6	More than 20, up to 25 hrs	19	2	112	2	782	2	40	2							
		7	More than 25 hrs	8	1	47	1	331	1	22	1							
			Total	783	100	4,740	100	32,853	100	1,943	100							



First-Year Stud	dents					Frequen	cy Di	stributio	ns ^a				Stat		Comparis		ed with	
								Pub Simila	ar						Pub Sin	nilar		
				GVSU		Selected Pe	eers	Carnegie	9	MI Public	С	GVSU	Selected	Peers	Carne	gie	MI Pul	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
18. How much has your	experience at	this inst	itution contributed	l to your kno	wledg	ge, skills, and	l perso	nal develop	ment i	n the follow	ing ar	eas?						
a. Writing clearly and	pgwrite	1	Very little	44	6	365	8	1,964	6	114	6							
effectively		2	Some	219	28	1,393	29	8,769	27	562	29							
		3	Quite a bit	376	48	2,077	43	14,567	44	861	43	2.8	2.8	.03	2.8 *	07	2.8	02
		4	Very much	141	18	914	20	7,642	23	415	22				∇			
			Total	780	100	4,749	100	32,942	100	1,952	100							
b. Speaking clearly and	pgspeak	1	Very little	88	11	546	11	2,950	9	198	11							
effectively		2	Some	231	30	1,525	31	9,531	29	582	30							
		3	Quite a bit	320	41	1,823	40	13,048	40	758	38	2.6	2.7	03	2.7 **	12	2.7	03
		4	Very much	135	17	845	19	7,332	22	407	20				∇			
			Total	774	100	4,739	100	32,861	100	1,945	100							
c. Thinking critically and	pgthink	1	Very little	18	2	150	3	914	3	59	3							
analytically		2	Some	122	16	1,017	22	6,588	20	442	23							
		3	Quite a bit	393	50	2,167	44	14,745	44	884	44	3.1	3.0 ***	.12	3.1 *	.07	3.0 ***	.14
		4	Very much	243	31	1,416	30	10,636	32	558	29		Δ		Δ		Δ	
			Total	776	100	4,750	100	32,883	100	1,943	100							
d. Analyzing numerical	pganalyze	1	Very little	102	12	551	12	3,493	11	280	14							
and statistical		2	Some	242	31	1,423	29	10,037	30	648	32							
information		3	Quite a bit	297	39	1,845	38	12,280	37	666	35	2.6	2.7	04	2.7	07	2.6	.05
		4	Very much	139	19	927	21	7,070	22	354	19							
			Total	780	100	4,746	100	32,880	100	1,948	100							
e. Acquiring job- or	pgwork	1	Very little	100	13	622	13	4,085	13	257	13							
work-related		2	Some	259	33	1,555	32	10,373	32	639	32							
knowledge and skills		3	Quite a bit	286	37	1,714	36	11,708	35	684	35	2.6	2.6	02	2.6	03	2.6	02
		4	Very much	131	17	856	19	6,714	20	370	20							
			Total	776	100	4,747	100	32,880	100	1,950	100							
f. Working effectively	pgothers	1	Very little	31	4	317	7	2,033	7	103	6							
with others		2	Some	205	27	1,351	28	8,816	27	552	28							
		3	Quite a bit	353	46	1,995	42	13,661	41	842	43	2.9	2.8 *	.07	2.8	.05	2.8	.06
		4	Very much	184	23	1,082	24	8,375	25	450	23		Δ					
			Total	773	100	4,745	100	32,885	100	1,947	100							



Property	First-Year Stud	dents					Frequen	cy Di	stributio	ns ^a				Stat		Comparis		ed with	
March Marc									Pub Simila	ar						Pub Sin	nilar		
Processing transfer Process Pr					GVSU		Selected Pe	ers	Carnegie	9	MI Public	С	GVSU	Selected	l Peers	Carne	gie	MI Pu	blic
E. Developing or pgvalues 1 Very linte 76 10 548 12 3.415 11 227 13 13 1473 31 31 3724 30 388 30 388 30 30 388 30 30	Item wording																		Effect
Control of Control o			Values										Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
Control of Values and certics 3		pgvalues	1	•					,										
chies	, , ,						,												
N. Understanding people of dother backgrounds of other backgrounds of			3	Quite a bit									2.6	2.6	.01	2.7	04	2.6	.01
No Understanding people Open			4	•															
Control Cont																			
Commonic		pgdiverse		•															
Trainlethnic, political, religious, nationality, cec.) Total 777 100 4,741 100 32,892 100 1,947 100 1,948	_		2	Some															
Total Para			3	Quite a bit	315		,		,	38	727	37	2.7	2.8	07	2.8 ***	12	2.8 **	10
Solving complex real world problems 1	religious, nationality,		4	•	160		1,080	23	8,737	26	519	26				∇		∇	
world problems 2 Some 3 Quite a bit 3 15 40 3 18 888 19 6 6,941 7 100 7 77 100 7 78 100 7 7 7 100 7				Total	777	100	4,741	100	32,892	100	1,947	100							
3 Quica abit 315 40 1.84 38 12.276 36 706 36 2.7 2.7 01 2.7 00 2.6 * 4 Very much 138 18 878 19 6.941 21 352 18 5 Total 777 100 4.747 100 32.899 100 1.948 100 6 Being an informed and Pgelitzen 2 Some 247 31 1.527 32 10.412 32 6.64 32 6 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 7 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 8 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 36 7.03 37 9 A Very much 18 319 41 1.779 37 11.960 37 37 37 37 37 37 9 A Very much 18 319 319 319 319 319 9 A Very much 18 319 319 319 319 319 319 9 A Very much 18 319 319 319 319 319 319 9 A Very much 18 319 319 319 319 319 319 319 319 9 A Very much 18 319		pgprobsolve	1	Very little	66	8	480	10	3,321	11	223	13							
Note 10 Note	world problems		2	Some	258	34	1,548	32	10,361	31	667	33							
Total 777 100 4,747 100 32,899 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948 100 1,948			3	Quite a bit	315	40	1,841	38	12,276	36	706	36	2.7	2.7	.01	2.7	.00	2.6 *	.08
j. Being an informed and active citizen 1 Very little 2 Some 247 31 1,527 32 10,412 32 662 32 3 Quite abit 319 41 1,779 37 11,960 36 730 37 4 Very much 148 19 896 19 7,103 21 388 20 Total 2 Same 4 Poor 4			4	Very much	138	18	878	19	6,941	21	352	18						Δ	
active citizen 2 Some 247 31 1,527 32 10,412 32 624 32 3 Quite a bit 319 41 1,779 37 11,960 36 730 37 4 Very much 148 19 896 19 7,103 21 388 20 Total 7 Total 7 82 100 4,751 100 32,966 100 1,948 100 19. How would you evaluate your entire educational experience at this institution: evalexp 1 Poor 12 2 81 2 648 2 40 2 2 Fair 103 13 720 15 5,522 16 309 16 3 Good 467 58 2,679 55 18,034 53 1,105 56 3 1 3.1 .02 3.1 .05 3.0 * Excellent Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you by to the same institution you are nown institution you are nown institution you are nown institution and the properties of the same institution you are nown institution and the properties of the same institution you are nown institution and the properties of the same institution you are nown institution. 20. If you could start over again, would you go to the same institution you are nown institution you are nown institution. 21 Probably you go to the same institution you are nown institution you are nown institution. 22 Probably you go to the same instituti				Total	777	100	4,747	100	32,899	100	1,948	100							
2 Solitic 27 State 1,779 37 11,960 36 730 37 37 388 20		pgcitizen	1	Very little	68	9	549	12	3,491	11	206	12							
14 Very much 148 19 896 19 7,103 21 388 20 15 Total 782 100 4,751 100 32,966 100 1,948 100 19. How would you evaluate your entire etwestional experience at this institution. evalexp 1 Poor 12 2 81 2 648 2 40 2 2 Fair 103 13 720 15 5,220 16 309 16 3 Good 467 58 2,679 55 18,034 53 1,105 56 4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you evaluate over institution you are more ins	active citizen		2	Some	247	31	1,527	32	10,412	32	624	32							
19. How would you evaluate your entire cucustomal experience at this institution: evalexp 1 Poor 12 2 81 2 648 2 40 2 2 Fair 103 13 720 15 5,220 16 309 16 3 Good 467 58 2,679 55 18,034 53 1,105 56 4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are used and same institution you are used and same institution in the same institution of the same institution of the same institution in the same in the same institution in the same in the s			3	Quite a bit	319	41	1,779	37	11,960	36	730	37	2.7	2.6 *	.08	2.7	.03	2.6	.06
19. How would you evaluate your entire educational experience at this institution? evalexp 1 Poor 12 2 81 2 648 2 40 2 2 Fair 103 13 720 15 5,220 16 309 16 3 Good 467 58 2,679 55 18,034 53 1,105 56 3.1 3.1 .02 3.1 .05 3.0 * 4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you yo to the same institution you are now attending? sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 3.2 3.2 .01 3.2 .03 3.2 .03 3.2 .03 3.2 .03 3.2 .03			4	Very much	148	19	896	19	7,103	21	388	20		Δ					
evalexp 1 Poor 12 2 81 2 648 2 40 2 2 Fair 103 13 720 15 5,220 16 309 16 3 Good 467 58 2,679 55 18,034 53 1,105 56 4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are now attending: sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36				Total	782	100	4,751	100	32,966	100	1,948	100							
evalexp 1 Poor 12 2 81 2 648 2 40 2 2 Fair 103 13 720 15 5,220 16 309 16 3 Good 467 58 2,679 55 18,034 53 1,105 56 4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are now attending: sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36	19. How would you eval	uate vour entii	re educ	ational experience	at this institu	tion?													
3 Good 467 58 2,679 55 18,034 53 1,105 56 4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are now attending? Sameinst 1 Definitely no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 49 40 100 100 100 100 100 100 100 100 100	•			-			81	2	648	2	40	2							
4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are now attending? sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36			2	Fair	103	13	720	15	5,220	16	309	16							
4 Excellent 218 27 1,295 28 9,282 28 496 26 Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are now attending: sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36			3	Good	467	58	2,679	55	18,034	53	1,105	56	3.1	3.1	.02	3.1	.05	3.0 *	.08
Total 800 100 4,775 100 33,184 100 1,950 100 20. If you could start over again, would you go to the same institution you are now attending? sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36			4	Excellent	218	27	1,295	28	9,282	28	496	26							
sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36				Total	800	100	4,775	100	33,184	100	1,950	100						_	
sameinst 1 Definitely no 17 2 132 3 1,028 3 48 2 2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36	20. If you could start over	er again, would	d vou g	o to the same institu	ution vou are	now	attending?												
2 Probably no 97 12 614 13 4,287 13 246 13 3 Probably yes 398 50 2,313 47 15,911 47 954 49 4 Definitely yes 281 35 1,755 37 12,128 36 716 36	•				•			3	1,028	3	48	2							
3 Probably yes 398 50 2,313 47 15,911 47 954 49 3.2 3.2 .01 3.2 .03 3.2 .4 Definitely yes 281 35 1,755 37 12,128 36 716 36			2	•	97														
4 Definitely yes 281 35 1,755 37 12,128 36 716 36				•									3.2	3.2	.01	3.2	.03	3.2	.01
				• •										3.2					.01
10tal				Total	793	100	4,814	100	33,354	100	1,964	100							



First-Year St	udents				Frequen	cy Di	stributio	ns ^a				Stat		Compari			
													Your firs	t-year stude		d with	
							Pub Simila	ar						Pub Si	milar		
			GVSU		Selected Pe	ers	Carnegie	9	MI Public	С	GVSU	Selected	d Peers	Carn	egie	MI P	ublic
Item wording	Variable												Effect		Effect		Effect
or description	name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
21. Do you intend to	return to this insti	tution next year?f															
	returnexp	No	23	3	189	4	1,480	5	83	4							
(Means indicat	te the percentage who		717	90	4,347	90	29,482	88	1,777	90	90%	90%	.00	88%	.07	90%	02
	responded "Yes.")	Not sure	56	7	293	6	2,397	8	109	6							
		Total	796	100	4,829	100	33,359	100	1,969	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Stat		Comparis		h	
				GVSU		Selected Pe	eers	Pub Simila Carnegie		MI Publi	С	GVSU	Selected	Peers	Pub Sim Carne		MI Pul	olic
Item wording or description	Variable name ^c	Values	^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current scl	hool year, abo	out how	often have you dor	ne the followi	ng?													
a. Asked questions or	askquest	1	Never	4	1	167	3	1,473	3	63	2							
contributed to course discussions in other		2	Sometimes	151	24	1,965	28	13,897	26	814	25							
ways		3	Often	210	35	2,229	32	17,238	32	1,129	33	3.2	3.0 **	.12	3.1 *	.09	3.1	.06
ways		4	Very often	261	41	2,724	38	21,287	39	1,359	40		Δ		Δ			
			Total	626	100	7,085	100	53,895	100	3,365	100							
b. Asked another student	CLaskhelp	1	Never	63	10	847	12	8,842	18	502	16							
to help you understand		2	Sometimes	282	44	2,958	42	21,752	41	1,437	42							
course material		3	Often	185	29	2,040	28	13,811	25	883	26	2.5	2.5	.01	2.4 **	.12	2.4 **	.12
		4	Very often	110	16	1,208	18	9,332	17	536	16				Δ		Δ	
			Total	640	100	7,053	100	53,737	100	3,358	100							
c. Explained course	CLexplain	1	Never	23	3	501	7	5,765	11	266	9							
material to one or		2	Sometimes	212	33	2,718	38	20,070	38	1,276	37							
more students		3	Often	258	41	2,415	34	17,012	31	1,104	32	2.8	2.7 ***	.15	2.6 ***	.25	2.7 ***	.18
		4	Very often	148	23	1,418	21	10,861	20	713	21		Δ		Δ		Δ	
			Total	641	100	7,052	100	53,708	100	3,359	100							
d. Prepared for exams by	CLstudy	1	Never	118	19	1,399	20	12,700	25	805	25							
discussing or working		2	Sometimes	250	39	2,573	37	18,490	35	1,206	35							
through course material with other		3	Often	158	25	1,832	26	12,945	23	783	23	2.4	2.4	01	2.3 *	.08	2.3	.08
students		4	Very often	110	17	1,202	17	9,278	16	549	17				Δ			
			Total	636	100	7,006	100	53,413	100	3,343	100							
e. Worked with other	CLproject	1	Never	14	2	377	5	4,796	10	243	7							
students on course		2	Sometimes	137	22	1,910	27	15,310	29	978	30							
projects or assignments		3	Often	250	40	2,608	37	18,109	33	1,173	35	3.1	2.9 ***	.19	2.8 ***	.33	2.8 ***	.29
		4	Very often	231	36	2,078	30	15,013	27	934	28		Δ		A		Δ	
			Total	632	100	6,973	100	53,228	100	3,328	100							
f. Given a course	present	1	Never	37	6	721	10	7,138	14	361	11							
presentation		2	Sometimes	242	39	2,481	35	19,210	36	1,195	36							
		3	Often	199	32	2,147	31	15,472	29	1,028	30	2.7	2.7	01	2.6 ***	.14	2.6	.07
		4	Very often	137	22	1,612	25	11,235	21	731	22				Δ			
			Total	615	100	6,961	100	53,055	100	3,315	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Stati		Comparis		h	
								Pub Simila	ar						Pub Sim	ilar		
				GVSU		Selected Pe	eers	Carnegie	9	MI Publi	С	GVSU	Selected	Peers	Carne	jie	MI Puk	olic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	Response options	Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
2. During the current scl	hool year, abo	ut how	often have you don	e the followi	ng?													
a. Combined ideas from	RIintegrate	1	Never	6	1	243	4	2,383	5	148	5							
different courses when completing assignments		2	Sometimes	120	20	1,682	24	13,410	26	768	24							
completing assignments		3	Often	271	44	2,810	41	20,698	39	1,358	41	3.1	3.0 ***	.16	2.9 ***	.23	3.0 ***	.21
		4	Very often	227	36	2,168	31	16,149	30	1,017	30		Δ		Δ		Δ	
			Total	624	100	6,903	100	52,640	100	3,291	100							
b. Connected your	RIsocietal	1	Never	21	4	453	7	3,956	8	229	8							
learning to societal		2	Sometimes	135	24	2,002	30	15,410	30	976	31							
problems or issues		3	Often	237	37	2,408	34	18,129	34	1,157	35	3.0	2.8 ***	.21	2.8 ***	.24	2.8 ***	.29
		4	Very often	229	35	2,004	29	14,848	28	917	26		Δ		Δ		Δ	
			Total	622	100	6,867	100	52,343	100	3,279	100							
c. Included diverse	RIdiverse	1	Never	45	9	765	12	6,854	14	430	15							
perspectives (political,		2	Sometimes	144	24	2,091	31	15,944	31	923	30							
religious, racial/ethnic, gender, etc.) in course		3	Often	230	37	2,184	32	15,785	30	1,048	31	2.9	2.7 ***	.17	2.7 ***	.22	2.6 ***	.24
discussions or		4	Very often	201	30	1,782	25	13,440	25	865	24		Δ		Δ		Δ	
assignments			Total	620	100	6,822	100	52,023	100	3,266	100							
d. Examined the	RIownview	1	Never	27	5	289	5	2,442	5	164	6							
strengths and		2	Sometimes	144	24	1,795	27	13,689	27	879	28							
weaknesses of your own views on a topic		3	Often	271	44	3,040	44	21,979	42	1,393	42	2.9	2.9	.06	2.9	.05	2.8 *	.11
or issue		4	Very often	169	27	1,624	24	13,468	26	808	24						Δ	
			Total	611	100	6,748	100	51,578	100	3,244	100							
e. Tried to better	RIperspect	1	Never	22	4	191	3	1,654	4	97	3							
understand someone		2	Sometimes	112	19	1,480	23	11,464	23	722	24							
else's views by imagining how an		3	Often	275	44	3,021	45	22,104	43	1,392	43	3.0	3.0	.06	3.0	.05	3.0	.06
issue looks from their		4	Very often	201	32	1,967	29	15,717	30	999	30							
perspective			Total	610	100	6,659	100	50,939	100	3,210	100							
f. Learned something	RInewview	1	Never	8	2	128	2	1,164	3	67	3							
that changed the way		2	Sometimes	146	25	1,530	24	12,234	25	757	24							
you understand an		3	Often	280	45	2,925	44	21,774	43	1,416	45	3.0	3.0	03	3.0	01	3.0	.00
issue or concept		4	Very often	173	28	1,989	30	15,147	30	932	28							
			Total	607	100	6,572	100	50,319	100	3,172	100							



Seniors						Frequen	cy Dis	stributio	ns ^a				Stat		Comparis		h	
								Pub Simila	ir						Pub Sir	nilar		
				GVSU		Selected Pe	ers	Carnegie	<u>:</u>	MI Publi	С	GVSU	Selected	l Peers	Carne	egie	MI Pu	ublic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
g. Connected ideas from your courses to your	RIconnect	1	Never	6	1	69	1	552	1	34	1							
prior experiences and		2	Sometimes	74	12	864	14	6,955	14	386	13							
knowledge		3	Often	271	46	2,911	45	21,852	44	1,379	44	3.3	3.2	.03	3.2	.03	3.3	.00
		4	Very often	252	41	2,661	40	20,468	41	1,343	42							
			Total	603	100	6,505	100	49,827	100	3,142	100							
3. During the current sc	hool year, abo	ut how	often have you don	e the followin	ng?													
a. Talked about career	SFcareer	1	Never	73	13	1,051	16	8,521	19	492	17							
plans with a faculty		2	Sometimes	242	40	2,623	40	18,854	38	1,183	37							
member		3	Often	153	26	1,567	24	12,039	23	765	24	2.6	2.5 *	.09	2.4 **	.10	2.5	.04
		4	Very often	131	21	1,253	19	10,401	20	703	22		Δ		Δ			
			Total	599	100	6,494	100	49,815	100	3,143	100							
b. Worked with a faculty	SFotherwork	1	Never	237	41	2,587	39	20,681	43	1,312	43							
member on activities		2	Sometimes	192	31	2,027	32	14,356	28	885	28							
other than coursework (committees, student		3	Often	100	17	1,037	16	8,010	15	503	16	2.0	2.0	05	2.0	.00	2.0	02
groups, etc.)		4	Very often	70	11	810	13	6,588	13	422	13							
			Total	599	100	6,461	100	49,635	100	3,122	100							
c. Discussed course	SFdiscuss	1	Never	120	20	1,596	24	14,472	31	867	28							
topics, ideas, or		2	Sometimes	281	47	2,667	42	18,644	37	1,210	38							
concepts with a faculty member outside of		3	Often	132	23	1,318	21	9,712	19	624	20	2.2	2.2	.00	2.1 **	.10	2.2	.06
class		4	Very often	66	11	832	13	6,462	13	403	13				Δ			
			Total	599	100	6,413	100	49,290	100	3,104	100							
d. Discussed your	SFperform	1	Never	125	21	1,524	24	11,789	25	710	23							
academic performance		2	Sometimes	288	48	2,879	45	20,463	41	1,353	43							
with a faculty member		3	Often	117	21	1,294	20	10,603	21	663	21	2.2	2.2	.02	2.2	01	2.2	02
		4	Very often	69	11	721	11	6,423	12	381	12							
			Total	599	100	6,418	100	49,278	100	3,107	100							
4. During the current sc	hool year, how	much l	nas your coursewo	rk emphasize	d the	following?												
a. Memorizing course	memorize	1	Very little	68	11	504	8	3,441	7	271	9							
material		2	Some	189	33	2,147	34	14,470	30	994	32							
		3	Quite a bit	216	38	2,382	37	19,231	39	1,145	38	2.6	2.7	08	2.8 ***	19	2.7 *	10
		4	Very much	107	18	1,331	20	11,703	23	679	21				∇		∇	
			Total	580	100	6,364	100	48,845	100	3,089	100				,		•	



Seniors						Frequen	cy Dis	tributio	ns ^a				Stat		Comparis		h	
				GVSU		Selected Pe	ers	Pub Simila Carnegie		MI Public	c	GVSU	Selected	Peers	Pub Sin Carne		MI Pu	ublic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
b. Applying facts,	HOapply	1	Very little	16	3	147	3	1,308	3	84	3							
theories, or methods to		2	Some	79	14	1,151	19	8,912	19	557	19							
practical problems or new situations		3	Quite a bit	276	46	2,820	45	21,077	43	1,363	44	3.2	3.1 *	.09	3.1 *	.08	3.1 *	.11
new situations		4	Very much	224	37	2,210	34	17,329	35	1,072	34		Δ		Δ		Δ	
			Total	595	100	6,328	100	48,626	100	3,076	100							
c. Analyzing an idea,	HOanalyze	1	Very little	19	4	174	3	1,506	3	96	3							
experience, or line of		2	Some	100	18	1,229	20	9,499	20	618	21							
reasoning in depth by examining its parts		3	Quite a bit	253	42	2,735	43	20,422	42	1,320	44	3.1	3.1	.04	3.1	.04	3.1	.07
examining its parts		4	Very much	216	36	2,129	34	16,763	35	1,010	32							
			Total	588	100	6,267	100	48,190	100	3,044	100							
d. Evaluating a point of	HOevaluate	1	Very little	25	5	320	6	2,283	5	128	5							-
view, decision, or		2	Some	107	20	1,402	23	10,512	22	729	25							
information source		3	Quite a bit	256	43	2,639	42	19,823	41	1,252	41	3.0	3.0	.08	3.0	.04	3.0 *	.09
		4	Very much	200	32	1,881	30	15,368	32	929	30						Δ	
			Total	588	100	6,242	100	47,986	100	3,038	100							
e. Forming a new idea or	HOform	1	Very little	19	4	213	4	1,683	4	107	4							
understanding from		2	Some	108	19	1,329	22	10,064	21	683	23							
various pieces of information		3	Quite a bit	270	46	2,745	43	20,760	43	1,341	44	3.0	3.0	.03	3.0	.02	3.0	.08
information		4	Very much	188	31	1,918	31	15,252	32	892	29							
			Total	585	100	6,205	100	47,759	100	3,023	100							
5. During the current scl	hool year, to w	hat ext	ent have your inst	ructors done	the fo	llowing?												-
a. Clearly explained	ETgoals	1	Very little	10	2	93	2	985	2	70	3							
course goals and		2	Some	95	17	967	16	7,508	16	496	17							
requirements		3	Quite a bit	277	48	2,743	45	19,283	40	1,271	42	3.1	3.2 *	09	3.2 **	12	3.2	05
		4	Very much	200	33	2,356	38	19,669	41	1,178	39		∇		∇			
			Total	582	100	6,159	100	47,445	100	3,015	100		·		·			
b. Taught course sessions	ETorganize	1	Very little	19	4	143	2	1,623	4	104	4							
in an organized way		2	Some	114	20	1,116	19	8,534	18	588	20							
		3	Quite a bit	263	45	2,781	45	19,408	41	1,277	42	3.0	3.1 *	10	3.1 **	11	3.1	04
		4	Very much	185	31	2,097	34	17,727	38	1,034	34		∇		∇			
			Total	581	100	6,137	100	47,292	100	3,003	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Sta		Compari ur seniors co		h	
				GVSU		Selected Pe	eers	Pub Simila Carnegie		MI Publi	С	GVSU	Selecte		Pub Sir Carne	milar	MI Pı	ublic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
c. Used examples or	ETexample	1	Very little	13	2	133	2	1,480	3	120	5							
illustrations to explain difficult points		2	Some	101	18	1,129	18	8,656	18	568	19							
difficult points		3	Quite a bit	252	44	2,614	43	18,377	39	1,202	40	3.1	3.1	02	3.1	02	3.1	.06
		4	Very much	214	35	2,258	37	18,706	39	1,111	36							
			Total	580	100	6,134	100	47,219	100	3,001	100							
d. Provided feedback on	ETdraftfb	1	Very little	40	7	468	8	4,007	9	277	10							
a draft or work in		2	Some	136	24	1,601	25	11,747	25	762	26							
progress		3	Quite a bit	229	40	2,191	36	15,814	34	981	32	2.9	2.9	.00	2.9	.00	2.9	.04
		4	Very much	175	29	1,857	31	15,576	33	978	32							
			Total	580	100	6,117	100	47,144	100	2,998	100							
e. Provided prompt and	ETfeedback	1	Very little	29	5	414	7	3,351	7	220	8							
detailed feedback on		2	Some	171	30	1,670	27	12,085	26	822	28							
tests or completed		3	Quite a bit	233	41	2,408	39	17,134	36	1,100	37	2.8	2.8	02	2.9	07	2.9	02
assignments		4	Very much	145	24	1,595	26	14,379	30	841	28							
			Total	578	100	6,087	100	46,949	100	2,983	100							
f. Explained in advance	etcriteria	1	Very little	14	3	174	3	1,486	3	100	4							
the criteria for		2	Some	108	20	1,160	19	8,763	19	595	21							
successfully		3	Quite a bit	252	46	2,677	44	18,532	39	1,227	41	3.1	3.1	03	3.1 *	08	3.1	.00
completing your assignments		4	Very much	185	32	2,054	34	17,942	39	1,049	35				∇			
ussignments			Total	559	100	6,065	100	46,723	100	2,971	100				•			
g. Reviewed and	etreview	1	Very little	14	3	153	3	1,422	3	98	4							
summarized key ideas		2	Some	81	15	1,114	18	8,564	18	569	19							
or concepts		3	Quite a bit	294	53	2,746	46	19,407	41	1,299	44	3.1	3.1	01	3.1	03	3.1	.03
		4	Very much	170	29	2,031	33	17,214	37	1,001	33							
			Total	559	100	6,044	100	46,607	100	2,967	100							
h. Taught in a way that	etprefer	1	Very little	31	6		6	3,277	7	212	8							
aligns with how you	•	2	Some	163	29	1,885	30	13,470	29	907	31							
prefer to learn		3	Quite a bit	227	42	2,452	41	17,585	38	1,145	37	2.8	2.8	.05	2.8	.01	2.8	.08
		4	Very much	138	24	1,332	22	12,187	26	700	24	_,_	2.0	.02	0		2.0	.00
			Total	559	100	6,040	100	46,519	100	2,964	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Stat		Comparis		h	
				GVSU		Selected Pe	ers	Pub Simila Carnegie		MI Publi	c	GVSU	Selected	l Peers	Pub Sir Carne		MI Pu	ıblic
Item wording	Variable								-				00.0000	Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
i. Enabled you to	etdemonstrate	1	Very little	17	3	140	3	1,235	3	92	3							
demonstrate your		2	Some	82	15	924	16	6,994	15	466	16							
learning through		3	Quite a bit	253	46	2,637	43	18,773	40	1,245	42	3.1	3.2	05	3.2 *	09	3.2	02
quizzes, assignments, and other activities		4	Very much	207	36	2,319	38	19,499	42	1,152	38				∇			
and other activities			Total	559	100	6,020	100	46,501	100	2,955	100				•			
6. During the current s	chool year abo	ut how	often have vou dor							,,,,,,								
a. Reached conclusions	QRconclude	1	Never	49	9	625	10	4,518	10	321	10							
based on your own	QTTOOLIGIGUE	2	Sometimes	214	38	2,003	33	15,408	33	1,023	35							
analysis of numerical		3	Often	171	32	2,099	36	16,037	35	1,023	35	2.7	2.7	01	2.7	02	2.7	.02
information (numbers,		4	Very often	122	22	1,201	21	9,947	22	576	20	2.1	2.7	01	2.1	02	2.7	.02
graphs, statistics, etc.)		4	Total	556	100	5,928	100	45,910	100	2,924	100							
b. Used numerical	QRproblem	1	Never	79	15	958	16	7,425	16	537	19							
information to examine	Qreproblem	2	Sometimes	202	36	2,131	35	16,292	36	1,029	36							
a real-world problem		3	Often	172	32	1,791	30	13,619	30	837	29	2.5	2.5	0.1	2.5	02	2.4	07
or issue						,		,				2.5	2.5	.01	2.5	.02	2.4	.07
(unemployment,		4	Very often	98	17	1,019	18	8,400	18	508	17							
climate change, public health, etc.)			Total	551	100	5,899	100	45,736	100	2,911	100							
c. Evaluated what others	ORevaluate	1	Never	67	12	833	14	7,065	16	479	16							
have concluded from	C	2	Sometimes	219	39	2,201	37	17,040	38	1,127	39							
numerical information		3	Often	172	32	1,923	33	13,871	30	845	30	2.5	2.5	.02	2.5	.05	2.4 *	.10
		4	Very often	92	17	923	16	7,558	17	438	15	2.0	2.5	.02	2.5	.03	Δ	.10
		·	Total	550	100	5,880	100	45,534	100	2,889	100						Δ	
7. During the current s	chool year, abo	ut how										d? (Include these	not vet co	mnleted)				
a. Up to 5 pages	wrshortnum	0	None	25	5	387	6	3,306	8	167	6	a. (Include those	not yet co	inpicted.)				
u. Op to 5 pages	(Recoded version		1-2	91	16	1,135	20	8,910	20	551	19							
	of wrshort created		3-5	160	30	1,726	29	13,337	29	827	28							
	by NSSE. Values	8	6-10	117	21	1,720	23	9,388	21	630	22	8.1	7.0 ***	.17	7.1 **	.15	7.4 *	.10
	are estimated	12	11-15	60	11	592	10	4,584	10	325	11	0.1		.17		.13		.10
	number of papers,	18	16-20	43	8	308	5	2,374	5	159	6		Δ		Δ		Δ	
	reports, etc.)	23		51	9	394		,	<i>7</i>	220	8							
		23	More than 20				6	3,403										
			Total	547	100	5,843	100	45,302	100	2,879	100							



Statistical Comparisons^b **Seniors** Frequency Distributions Your seniors compared with **Pub Similar** Pub Similar **GVSU GVSU** Selected Peers Carnegie MI Public Selected Peers Carnegie MI Public Variable Effect Effect Effect Item wording or description name c Values d Response options % % % Mean Mean size e size e size e Count Count Count Count % Mean Mean 23 27 b. Between 6 and 10 wrmednum None 121 1,594 13,154 29 764 26 pages (Recoded version 1.5 1-2 192 34 1.951 34 14,310 32 961 33 of wrmed created 4 3-5 139 25 1,275 22 9,561 21 635 22 by NSSE. Values 3.5 6-10 62 11 604 11 4,869 11 301 11 3.3 .04 3.4 .04 3.4 .02 are estimated 11-15 17 3 4 4 13 225 4 1,707 117 number of papers, 72 10 43 16-20 643 1 reports, etc.) 95 2 824 2 47 2 More than 20 100 100 100 Total 548 100 5,816 45,068 2,868 c. 11 pages or more None 229 42 3.133 53 24,660 55 1,483 50 wrlongnum 39 (Recoded version 1.5 1-2 1,673 29 27 874 30 220 12,389 of wrlong created 3-5 55 10 555 9 9 282 10 3,987 by NSSE. Values 22 2.1 6-10 248 4 1,930 4 126 5 1.8 .06 1.9 .03 2.0 .01 are estimated 2 2 13 11-15 8 105 2 1,082 57 number of papers, reports, etc.) 18 16-20 5 42 1 431 1 23 1 More than 20 65 673 2 32 1 Total 546 100 5,821 100 45,152 100 2,877 100 Estimated number of wrpages assigned pages of 83.2 74.5 76.8 .06 79.5 .04 student writing. (Continuous variable, recoded and summed by Δ NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.) 8. During the current school year, about how often have you had discussions with people from the following groups? DDrace 23 250 2,457 a. People of races or Never 4 6 162 6 ethnicities other than 33 27 2 179 1,457 24 10,596 24 778 Sometimes your own 3 Often 189 34 1,870 32 14,166 31 922 32 2.9 3.1 *** -.23 3.0 *** -.18 2.9 -.10 28 39 39 34 ∇ Very often 160 2.238 17,994 1.013 ∇ ∇ 100 100 Total 551 100 5,815 100 45,213 2,875 b. People from economic DDeconomic Never 2 217 4 2.198 130 5 8 6 backgrounds other 27 22 23 2 Sometimes 143 1,296 10,029 649 24 than your own 42 3.0 3 Often 229 2,160 37 15,977 35 1,083 37 3.1 -.10 3.0 3.0 -.05 -.01 Very often 166 29 2.120 37 16.878 37 1.005 34 ∇ Total 546 100 5,793 100 45,082 100 2,867 100



Seniors						Frequen	cy Dis	stributio	ns ^a				Stat		Comparis		h	
				GVSU		Selected Pe	orc	Pub Simila Carnegie		MI Publi	c	GVSU	Selected		Pub Sim Carne	nilar	MI Pul	alic
	Variable			0.00		Selected Fe	2013	Carriegie	•	IVII FUDII			Jelecteu	Effect	Carrie	Effect	IVII FUL	Effect
Item wording or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size e
c. People with religious	DDreligion	1	Never	14	3		6	3,166	8	169	7							
beliefs other than your		2	Sometimes	165	31	1,593	27	11,756	27	766	28							
own		3	Often	203	37	1,873	32	14,312	31	938	32	2.9	3.0	04	2.9	.00	2.9	.00
		4	Very often	165	29	1,970	35	15,849	34	995	33							
			Total	547	100	5,806	100	45,083	100	2,868	100							
d. People with political	DDpolitical	1	Never	29	6	493	8	3,714	9	200	7							
views other than your		2	Sometimes	168	31	2,055	35	13,410	30	925	32							
own		3	Often	189	34	1,620	28	13,634	30	868	31	2.9	2.8 *	.09	2.8	.03	2.8	.03
		4	Very often	162	29	1,627	29	14,287	31	869	30		Δ					
			Total	548	100	5,795	100	45,045	100	2,862	100							
People with sexual orientations other than	ddsexorient	1	Never	24	5	377	7	4,000	10	210	9							
		2	Sometimes	152	29	1,421	26	12,282	28	767	29							
your own		3	Often	193	36	1,821	30	13,420	29	892	30	2.9	3.0 *	08	2.9	.05	2.9	.05
		4	Very often	172	30	2,175	37	15,244	33	996	32		∇					
			Total	541	100	5,794	100	44,946	100	2,865	100							
f. People from countries	ddcountry	1	Never	61	11	589	10	4,812	11	313	11							
other than your own		2	Sometimes	279	51	2,367	41	16,720	37	1,121	38							
		3	Often	126	24	1,447	24	11,794	26	723	26	2.4	2.6 ***	24	2.7 ***	26	2.6 ***	25
		4	Very often	77	14	1,398	24	11,697	26	702	25		∇		∇		∇	
			Total	543	100	5,801	100	45,023	100	2,859	100							
9. During the current sc	hool year, abo	ut how	often have vou doi	ne the followi	ng?													
a. Identified key	LSreading	1	Never	12	2	151	3	1,228	3	83	4							
information from		2	Sometimes	96	19	1,156	21	8,663	20	561	21							
reading assignments		3	Often	250	45	2,442	42	18,686	42	1,184	40	3.1	3.1	.03	3.1	.00	3.1	.04
		4	Very often	183	34	2,011	34	16,210	36	1,025	35							
			Total	541	100	5,760	100	44,787	100	2,853	100							
b. Reviewed your notes	LSnotes	1	Never	29	6	350	7	2,382	6	195	7							
after class		2	Sometimes	158	29	1,649	29	11,570	26	795	28							
		3	Often	188	35	1,972	35	15,456	35	949	33	2.9	2.9	.03	3.0	07	2.9	.01
		4	Very often	168	30	1,773	30	15,318	33	908	32							
			Total	543	100	5,744	100	44,726	100	2,847	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Stat		Comparis		,	
								Pub Simila						Yo	ur seniors con Pub Sim	•	h	
				GVSU		Selected Pe	aarc	Carnegie		MI Public	_	GVSU	Selected	l Doors	Carne		MI Pul	hlic
Harry ward to a	Variable			0730		Jelecteu F	5613	Carriegi	-	IVII FUDII		0.30	Selected	Effect	Carrie	Effect	IVII FUI	Effect
Item wording or description	name ^c	Values '	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size e
c. Summarized what you	LSsummary	1	Never	18	4	318	6	2,114	5	156	6							
learned in class or		2	Sometimes	130	24	1,543	28	11,109	25	748	27							
from course materials		3	Often	241	44	2,229	38	17,113	38	1,075	37	3.0	2.9 *	.09	3.0	.01	2.9	.06
		4	Very often	152	28	1,654	28	14,399	32	871	30		Δ					
			Total	541	100	5,744	100	44,735	100	2,850	100							
10. During the current	school year, to	what ex	tent have your cou	rses challeng	ged yo	ou to do your	best w	ork?										
	challenge	1	Not at all	5	1	40	1	445	1	30	1							
		2		9	2	78	2	629	2	50	2							
		3		21	4	236	4	1,980	4	132	5							
		4		63	12	616	11	4,780	11	300	10	5.4	5.5	06	5.6 **	13	5.5	06
		5		174	33	1,834	32	12,350	28	848	30				∇			
		6		143	27	1,544	27	11,006	25	742	26							
		7	Very much	121	21	1,365	23	13,163	30	717	25							
			Total	536	100	5,713	100	44,353	100	2,819	100							
11. Which of the follow	ing have you do	ne whil	e in college or do y	ou plan to d	o befo	ore you grad	uate? ^f											
a. Participate in an	intern		Have not decided	17	3	545	10	4,882	12	217	8							
internship, co-op, field	(Means indicate		Do not plan to do	47	9	872	15	7,592	18	435	16							
experience, student teaching, or clinical	the percentage		Plan to do	95	19	1,537	26	11,672	27	696	24	69%	50% ***	.39	43% ***	.52	52% ***	.35
placement	who responded "Done or in		Done or in progress	376	69	2,767	50	20,209	43	1,479	52		A					
•	progress.")		Total	535	100	5,721	100	44,355	100	2,827	100							
b. Hold a formal	leader		Have not decided	41	8	655	12	6,066	14	326	12							
leadership role in a	(Means indicate		Do not plan to do	262	50	2,756	47	21,471	50	1,374	49							
student organization or	the percentage		Plan to do	27	5	461	8	4,119	9	208	8	37%	33%	.08	27% ***	.21	31% **	.12
group	who responded "Done or in		Done or in progress	200	37	1,849	33	12,617	27	913	31				Δ		Δ	
	progress.")		Total	530	100	5,721	100	44,273	100	2,821	100							
c. Participate in a	learncom		Have not decided	39	7	783	14	7,193	17	368	13							
learning community or	(Means indicate		Do not plan to do	283	55	3,044	54	22,551	52	1,533	55							
some other formal	the percentage		Plan to do	34	7	565	10	4,977	11	246	9	31%	22% ***	.20	20% ***	.26	23% ***	.19
program where groups of students take two or	who responded		Done or in progress	174	31	1,320	22	9,379	20	662	23		Δ		Δ		Δ	
more classes together	"Done or in progress.")		Total	530	100	5,712	100	44,100	100	2,809	100						_	



Seniors						Frequen	cy Dis	stributio	ns ^a				Stati		Comparis		h	
								Pub Simil	ar						Pub Sim	•		
				GVSU		Selected Pe	eers	Carnegi	е	MI Publi	С	GVSU	Selected	Peers	Carne	gie	MI Pub	olic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
 d. Participate in a study abroad program 	abroad		Have not decided	36	7	724	12	6,424	15	317	12							
abroad program	(Means indicate the percentage		Do not plan to do	419	79	3,835	67	30,865	70	2,103	74	110/						
	who responded		Plan to do	15	3	408	7	3,439	8	160	6	11%	14% *	10	8% **	.11	8% *	.09
	"Done or in		Done or in progress	62	11	734	14	3,407	8	235	8		∇		Δ		Δ	
	progress.")		Total	532	100	5,701	100	44,135	100	2,815	100							
e. Work with a faculty	research		Have not decided	63	12	932	16	7,961	19	403	15							
member on a research	(Means indicate		Do not plan to do	275	52	2,681	47	21,594	48	1,500	53							
project	the percentage		Plan to do	48	10	753	13	5,843	14	325	12	26%	24%	.06	19% ***	.17	21% **	.14
	who responded "Done or in		Done or in progress	144	26	1,342	24	8,709	19	586	21				Δ		Δ	
	progress.")		Total	530	100	5,708	100	44,107	100	2,814	100							
f. Complete a	capstone		Have not decided	10	2	523	9	5,151	12	272	9							
culminating senior	(Means indicate		Do not plan to do	23	4	1,032	17	9,054	21	668	21							
experience (capstone	the percentage		Plan to do	97	19	1,459	24	11,652	27	657	23	75%	49% ***	.53	40% ***	.71	46% ***	.59
course, senior project or thesis, portfolio,	who responded "Done or in		Done or in progress	399	75	2,688	49	18,269	40	1,224	46							
recital, comprehensive exam, etc.)	progress.")		Total	529	100	5,702	100	44,126	100	2,821	100							
12. About how many o	f vour courses at	t this ir	nstitution have inclu	ded a comm	unity	-based proje	ct (serv	ice-learnir	ng)?									
•	servcourse	1	None	171	35	2,376	42	16,908	40	1,121	42							
		2	Some	268	50	2,680	47	20,663	47	1,334	47							
		3	Most	76	13	496	9	4,873	11	273	9	1.8	1.7 ***	.17	1.8	.08	1.7 **	.15
		4	All	13	2	120	2	1,368	3	68	2		Δ				Δ	
			Total	528	100	5,672	100	43,812	100	2,796	100							
13. Indicate the quality	y of your interac	tions w	vith the following pe	ople at your	instit	cution.												
a. Students	QIstudent	1	Poor	3	1	77	1	643	2	30	1							
		2		6	1	94	2	680	2	31	1							
		3		14	3	207	4	1,639	4	102	4							
		4		56	11	561	10	4,219	10	268	10							
		5		136	26	1,538	26	10,539	23	757	26	5.6	5.5	.03	5.6	01	5.5	.03
		6		183	34	1,672	30	11,833	27	866	30							
		7	Excellent	132	23	1,472	26	13,311	30	700	25							
		_	Not applicable	4	1	59	1	1,083	3	47	2							
			Total	534	100	5,680	100	43,947	100	2,801	100							



Seniors						Frequen	cy Dis	tributio	ns ^a				Stat		Comparis ur seniors cor		h	
								Pub Simila							Pub Sin			
				GVSU		Selected Pe	eers	Carnegie	9	MI Publi	c	GVSU	Selected	l Peers	Carne	gie	MI Pu	ablic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	Response options	Count	%	Count	%	Count	%	Count		Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
b. Academic advisors	QIadvisor	1	Poor	24	4	274	5	2,106	5	135	5							
		2		27	5	321	6	2,044	5	134	5							
		3		44	8	465	8	3,231	7	232	8							
		4		79	15	794	14	5,309	12	356	13	<i>E</i> 1						
		5		96	17	1,113	20	7,872	18	508	18	5.1	5.1	.01	5.3 **	11	5.2	06
		6		106	21	1,092	19	8,105	19	560	20				∇			
		7	Excellent	141	26	1,488	26	14,483	34	831	30							
		_	Not applicable	15	3	124	2	764	2	44	1							
			Total	532	100	5,671	100	43,914	100	2,800	100							
c. Faculty	QIfaculty	1	Poor	1	0		1	662	2	40	2							
		2		7	2	88	2	844	2	54	2							
		3		19	4	217	4	1,861	4	112	4							
		4		54	10	624	11	4,615	10	305	11							
		5		130	24	1,393	24	9,774	22	710	25	5.6	5.6	.02	5.6	.00	5.5	.06
		6		192	37	1,769	31	12,123	27	825	29							
		7	Excellent	129	23	1,468	26	13,422	32	729	26							
		_	Not applicable	2	0	45	1	584	1	23	1							
			Total	534	100	5,668	100	43,885	100	2,798	100							
d. Student services staff	QIstaff	1	Poor	13	3	207	4	1,582	4	95	4							
(career services,		2		20	4	200	4	1,578	4	112	4							
student activities, housing, etc.)		3		36	6	390	7	2,504	6	155	6							
nousing, etc.)		4		66	13	743	13	4,975	11	329	12							
		5		121	23	1,150	20	7,501	17	527	18	5.0	5.0	.01	5.1 *	09	5.1	04
		6		107	20	1,058	18	7,157	16	454	16				∇			
		7	Excellent	73	13	971	18	9,198	21	508	19							
		_	Not applicable	99	19	948	16	9,358	22	619	22							
			Total	535	100	5,667	100	43,853	100	2,799	100							



Seniors					Frequen	cy Di	stributio	ns ^a				Stat		Compari		h		
				GVSU		Selected Pe	eers	Pub Simila Carnegie		MI Publi	С	GVSU	Selected	d Peers	Pub Sir Carne		MI Pu	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
e. Other administrative	QIadmin	1	Poor	16	3	212	4	1,774	4	119	4							
staff and offices		2		22	4	245	5	1,828	4	127	5							
(registrar, financial		3		40	8	408	8	3,100	7	212	7							
aid, etc.)		4		76	14	892	16	5,903	13	422	15							
		5		140	26	1,263	22	8,679	19	599	21	5.0	4.9	.02	5.1 *	10	5.0	02
		6		116	21	1,084	18	8,330	19	531	19				∇			
		7	Excellent	80	15	1,021	18	10,276	24	535	20							
		_	Not applicable	45	9	543	10	4,014	9	256	9							
			Total	535	100	5,668	100	43,904	100	2,801	100							
14. How much does you	r institution en	nhasiz	e the following?															
a. Spending significant	empstudy	1	Very little	5	1	119	2	868	2	66	3							
a. Spending significant amounts of time	empsiday	2	Some	100	19	1,196	21	8,720	20	618	21							
studying and on		3	Quite a bit	256	49	2,652	47	19,997	46	1,351	49	3.1	3.0 *	.08	3.1	.03	3.0 *	.11
academic work		4	Very much	165	31	1,683	30	14,102	32	754	28	011	Δ	.00	5.1	.03	Δ	
			Total	526	100	5,650	100	43,687	100	2,789	100		Δ				Δ	
b. Providing support to	SEacademic	1	Very little	18	4	297	6	2,372	6	153	6							
help students succeed	SERCUCINE	2	Some	136	26	1,540	28	10,795	25	779	28							
academically		3	Ouite a bit	233	44	2,429	43	18,007	41	1,175	42	2.9	2.9	.08	2.9	.00	2.8 *	.10
		4	Very much	142	26	1,375	24	12,477	29	676	24	2.0	2.7	.00	2.7	.00	Δ	.10
			Total	529	100	5,641	100	43,651	100	2,783	100						Δ	
c. Using learning support	SElearnsup	1	Very little	30	6		10	4,150	10	268	10							
services (tutoring		2	Some	130	25	1,488	27	10,406	24	692	26							
services, writing		3	Ouite a bit	217	41	2,167	37	16,209	37	1,092	39	2.9	2.8 **	.12	2.9	.04	2.8 **	.12
center, etc.)		4	Very much	153	27	1,463	26	12,848	29	727	25	2.0	Δ	.12	2.7	.01	Δ	.12
		•	Total	530	100	5,635	100	43,613	100	2,779	100		Δ				Δ	
d. Encouraging contact	SEdiverse	1	Very little	72	15	789	14	5,831	14	378	14							
among students from		2	Some	174	33	1,822	33	13,171	30	909	33							
different backgrounds		3	Ouite a bit	184	34	1,848	32	14,285	32	948	33	2.6	2.6	04	2.7 *	10	2.6	.00
(social, racial/ethnic,		4	Very much	101	19	1,169	21	10,265	24	539	19	2.0	2.0	04		10	2.0	.00
religious, etc.)		4	•			,		,							∇			
			Total	531	100	5,628	100	43,552	100	2,774	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Stat		Comparis ur seniors con		h	
								Pub Simila	ar						Pub Sim		••	
				GVSU		Selected Pe	eers	Carnegie		MI Publi	ic	GVSU	Selected	l Peers	Carne		MI Pi	ublic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
e. Providing	SEsocial	1	Very little	44	9	461	8	3,587	9	207	8							
opportunities to be involved socially		2	Some	146	29	1,540	28	11,268	26	771	29							
involved socially		3	Quite a bit	212	39	2,275	40	16,688	38	1,108	38	2.8	2.8	05	2.8	07	2.8	03
		4	Very much	128	23	1,356	24	11,967	27	688	24							
			Total	530	100	5,632	100	43,510	100	2,774	100							
f. Providing support for	SEwellness	1	Very little	42	9	584	11	4,371	11	286	11							
your overall well-		2	Some	162	31	1,695	30	12,097	28	861	31							
being (recreation, health care,		3	Quite a bit	210	39	2,113	37	15,867	36	1,003	36	2.7	2.7	.00	2.8	05	2.7	.03
counseling, etc.)		4	Very much	115	20	1,226	22	11,109	26	621	22							
g,)			Total	529	100	5,618	100	43,444	100	2,771	100							
g. Helping you manage	SEnonacad	1	Very little	179	35	1,902	33	13,065	30	945	35							
your non-academic		2	Some	220	40	2,147	38	15,255	35	1,033	36							
responsibilities (work,		3	Quite a bit	94	18	1,063	20	9,379	22	535	19	2.0	2.1 *	09	2.2 ***	20	2.0	06
family, etc.)		4	Very much	38	7	506	9	5,696	13	264	9		∇		∇			
			Total	531	100	5,618	100	43,395	100	2,777	100		,		•			
h. Attending campus	SEactivities	1	Very little	62	13	745	14	6,554	16	420	17							
activities and events		2	Some	179	34	1,786	32	12,778	30	902	32							
(performing arts,		3	Quite a bit	187	35	2,038	36	14,582	33	947	34	2.6	2.6	02	2.6	01	2.5	.06
athletic events, etc.)		4	Very much	100	18	1,049	19	9,469	21	505	18							
			Total	528	100	5,618	100	43,383	100	2,774	100							
i. Attending events that	SEevents	1	Very little	95	19	1,355	25	10,341	24	638	25							
address important		2	Some	215	41	2,201	39	15,696	36	1,082	38							
social, economic, or		3	Ouite a bit	164	31	1,426	25	11,001	25	717	25	2.3	2.2 *	.09	2.3	.01	2.2	.08
political issues		4	Very much	53	10	619	11	6,333	15	323	11		Δ	.07	2.0	.01	2.2	.00
			Total	527	100	5,601	100	43,371	100	2,760	100		Δ					
15. To what extent do y	ou saree or dis	agree u	rith the following st	tatements?		<u> </u>		-										
a. I feel comfortable	sbmyself	ugitt M	Strongly disagree	9	2	149	3	1,014	3	60	3							
being myself at this	55.11,5611	2	Disagree Disagree	46	10	400	7	2,909	7	192	8							
institution.		3	Agree	295	54	2,952	51	21,591	49	1,442	51	3.2	3.2	05	3.3 **	12	3.3	06
		4	Strongly agree	182	34	2,116	38	17,885	42	1,071	39		3.2	.00	▽		2.2	.00
			Total	532	100	5,617	100	43,399	100	2,765	100				٧			



Seniors						Frequen	cy Dis	tributio	ns ^a				Stat	tistical (Comparis	sons ^b		
						-	-								ur seniors cor		1	
								Pub Simila	ar			,			Pub Sin	nilar		
				GVSU		Selected Pe	eers	Carnegie	9	MI Publi	С	GVSU	Selected	d Peers	Carne	gie	MI Pu	ublic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
b. I feel valued by this	sbvalued	1	Strongly disagree	35	7	341	7	2,526	6	174	7							
institution.		2	Disagree	101	20	1,197	21	7,533	17	540	20							
		3	Agree	287	53	2,885	51	22,053	50	1,442	50	2.9	2.9	02	3.0 **	13	2.9	04
		4	Strongly agree	109	20	1,186	21	11,237	26	609	23				∇			
			Total	532	100	5,609	100	43,349	100	2,765	100							
c. I feel like part of the	sbcommunity	1	Strongly disagree	24	6	322	6	2,353	6	152	6							
community at this		2	Disagree	97	19	1,121	20	7,908	19	536	20							
institution.		3	Agree	296	55	2,879	51	21,733	49	1,443	50	2.9	2.9	.00	3.0	06	2.9	.00
		4	Strongly agree	114	21	1,289	23	11,355	26	631	24							
			Total	531	100	5,611	100	43,349	100	2,762	100							
16. About how many h	ours do vou spei	nd in a	typical 7-day week		llowii	,				,								
a. Preparing for class	tmprephrs	0	0 hrs	0	0	11	0	174	0	12	0							
(studying, reading,	(Recoded version	3	1-5 hrs	54	10	618	11	5,582	13	342	13							
writing, doing	of tmprep created	8	6-10 hrs	126	24	1,241	22	10,046	23	640	22							
homework or lab	by NSSE. Values	13	11-15 hrs	122	24	1,226	22	8,977	20	605	22							
work, analyzing data,	are estimated	18	16-20 hrs	78	15	1.044	18	8,022	19	532	20	15.7	15.5	.02	15.0	.07	15.0	.08
rehearsing, and other academic activities)	number of hours per week.)	23	21-25 hrs	61	12	637	11	4,484	10	249	9	2011	10.0	.02	10.0	107	10.0	.00
academic activities)	per week.)	28	26-30 hrs	31	6	381	7	2,723	7	181	7							
		33	More than 30 hrs	52	10	442	9	3,229	8	200	8							
		33	Total	524	100	5,600	100	43,237	100	2,761	100							



Seniors	iors					Frequen	cy Dis	stributio	ns ^a				Stat		Compari		h	
								Pub Simila	ar						Pub Si	milar		
				GVSU		Selected Pe	eers	Carnegie	2	MI Publi	С	GVSU	Selected	Peers	Carn	egie	MI Pul	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
b. Participating in co-	tmcocurrhrs	0	0 hrs	255	46	2,446	42	21,339	51	1,339	49							
curricular activities	(Recoded version	3	1-5 hrs	187	31	1,636	29	10,918	24	711	25							
(organizations, campus	of tmcocurr	8	6-10 hrs	60	10	704	13	4,746	10	315	12							
publications, student	created by NSSE.	13	11-15 hrs	37	7	383	7	2,841	6	184	7							
government, fraternity or sorority,	Values are	18	16-20 hrs	14	3	220	4	1,721	4	87	3	4.0	4.6 **	11	4.2	03	4.3	05
intercollegiate or	estimated number of hours per	23	21-25 hrs	10	2	100	2	817	2	54	2		∇					
intramural sports, etc.)	week.)	28	26-30 hrs	2	1	40	1	394	1	28	1		·					
	,	33	More than 30 hrs	4	1	59	1	597	1	34	1							
			Total	569	100	5,588	100	43,373	100	2,752	100							
c. Working for pay	tmworkonhrs	0	0 hrs	412	79	4,166	75	33,285	78	2,007	74							
on campus	(Recoded version	3	1-5 hrs	17	3	215	4	1,419	3	86	3							
	of tmworkon	8	6-10 hrs	27	5	439	8	2,365	5	193	7							
	created by NSSE.	13	11-15 hrs	31	6	346	6	2,161	5	179	6							
	Values are	18	16-20 hrs	20	4	288	5	2,442	6	174	6	2.6	3.0	07	3.1	07	3.7 ***	15
	estimated number	23	21-25 hrs	16	3	74	1	715	2	76	3				***		∇	
	of hours per week.)	28	26-30 hrs	0	0	31	1	315	1	16	1						v	
	week.)	33	More than 30 hrs	0	0		1	479	1	25	1							
		55	Total	523	100	5,598	100	43,181	100	2,756	100							
d. Working for pay	tmworkoffhrs	0	0 hrs	158	31	· ·	40	14,935	35	909	34							
off campus	(Recoded version	3	1-5 hrs	31	6	· ·	6	1,965	4	123	4							
•	of tmworkoff	8	6-10 hrs	55	10		8	2,833	6	190	6							
	created by NSSE.	13	11-15 hrs	53	10		10	3,138	7	218	8							
	Values are	18	16-20 hrs	69	13		10	4,406	10	287	10	13.2	11.4 **	.15	14.5 *	10	14.7 **	11
	estimated number	23	21-25 hrs	58	11		8	3,690	8	269	9	13.2		.13	∇	10	T4.7 ▼	11
	of hours per	28	26-30 hrs	30	6		5	2,777	6	190	7		Δ		٧		٧	
	week.)	33	More than 30 hrs				13	,		570	22							
		33		66 520	13			9,454	23									
Estimated number of	tuarroulche-		Total	520	100	5,594	100	43,198	100	2,756	100							
Estimated number of hours working for pay	tmworkhrs																	
nours working for pay	(Continuous											15.9	14.4 **	.11	17.6 ***	*13	18.3 ***	19
	variable created											200						
	by NSSE)												Δ		∇		∇	



Grand Valley State University

Seniors						Frequen	cy Dis	tributio	ns ^a				Stati		Compari ur seniors co		h	
								Pub Simil	ar						Pub Sir	nilar		
				GVSU		Selected Pe	eers	Carnegie	e	MI Publi	c	GVSU	Selected	Peers	Carne	egie	MI Pu	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values ⁶	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
e. Doing community	tmservicehrs	0	0 hrs	280	55	3,416	62	24,169	57	1,589	58							
service or volunteer	(Recoded version	3	1-5 hrs	166	30	1,464	25	11,996	27	760	27							
work	of tmservice	8	6-10 hrs	33	6	340	6	3,301	8	204	8							
	created by NSSE. Values are	13	11-15 hrs	19	4	163	3	1,652	4	83	3							
	estimated number	18	16-20 hrs	17	3	99	2	951	2	57	2	2.9	2.5	.08	3.0	02	2.7	.04
	of hours per	23	21-25 hrs	2	0	41	1	457	1	15	1							
	week.)	28	26-30 hrs	3	0	25	0	219	1	12	0							
		33	More than 30 hrs	2	0	33	1	369	1	19	1							
			Total	522	100	5,581	100	43,114	100	2,739	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	9	2	131	3	1,501	4	66	3							
socializing (time with	(Recoded version	3	1-5 hrs	126	24	1,252	21	11,737	27	657	24							
friends, video games,	of tmrelax created	8	6-10 hrs	157	30	1,528	27	11,941	27	772	27							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	120	23	1,181	22	7,984	18	550	19							
up with friends online, etc.)	are estimated	18	16-20 hrs	55	11	777	14	5,059	12	358	13	10.9	12.0 **	13	10.8	.02	11.6	08
eic.)	number of hours per week.)	23	21-25 hrs	30	6	317	6	2,043	5	136	5		∇					
	per week.)	28	26-30 hrs	8	2	141	3	986	2	70	3		•					
		33	More than 30 hrs	16	3	258	5	1,891	5	141	6							
			Total	521	100	5,585	100	43,142	100	2,750	100							
g. Providing care for	tmcarehrs	0	0 hrs	429	75	4,061	73	26,234	59	1,821	65							
dependents (children,	(Recoded version	3	1-5 hrs	52	9	522	9	4,904	11	332	13							
parents, etc.)	of tmcare created	8	6-10 hrs	22	4	240	4	2,531	6	123	5							
	by NSSE. Values	13	11-15 hrs	13	3	175	3	1,777	4	92	3							
	are estimated	18	16-20 hrs	12	2	101	2	1,336	3	60	2	3.6	4.0	05	7.0 ***	29	5.4 ***	18
	number of hours per week.)	23	21-25 hrs	5	1	71	1	699	2	38	2				∇		∇	
	per week.)	28	26-30 hrs	4	1	49	1	613	2	28	1				*		*	
		33	More than 30 hrs	31	5	363	6	5,260	13	253	10							
			Total	568	100	5,582	100	43,354	100	2,747	100							



Seniors						Frequen	cy Dis	tributio	ns ^a				Sta		Compari		h	
				GVSU		Selected Pe	orc	Pub Simila Carnegie		MI Publi	•	GVSU	Selected		Pub Si Carn	milar	m MI Pu	ıblic
	Variable			GV30		Jelecteu F	:013	Carriegie	-	IVII FUDIII	<u> </u>	0,00	Jelecter	Effect	Carri	Effect	IVII FU	Effect
Item wording or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
h. Commuting to campus	tmcommutehrs	0	0 hrs	43	9	897	15	9,795	24	558	21	WEUII	Wicum	3120	Wicum	3120	Wicum	3120
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	335	63	3,170	57	21,023	47	1,518	54							
	of tmcommute	8	6-10 hrs	99	19	911	16	7,172	16	420	15							
	created by NSSE.	13	11-15 hrs	33	7	328	6	2,562	6	129	5							
	Values are	18	16-20 hrs	8	2	132	3	1,139	3	49	2	4.9	5.1	04	5.0	02	4.6	.05
	estimated number of hours per	23	21-25 hrs	1	0	64	1	539	1	28	1	4.)	3.1	04	3.0	02	4.0	.03
	week.)	28	26-30 hrs	0	0	39	1	296	1	16	1							
	,			4	1													
		33	More than 30 hrs	·	100	53	1	651	2	26	1							
-			Total	523	100	5,594	100	43,177	100	2,744	100							
17. Of the time you sper	nd preparing for	class	in a typical 7-day v	veek, about h	ow m	uch is on as	signed	reading?										
	reading	1	Very little	69	14	932	18	6,444	15	450	18							
		2	Some	191	37	1,731	33	13,184	30	894	32							
		3	About half	144	27	1,391	24	11,818	27	710	25	2.6	2.6	.02	2.8 *	09	2.6	.02
		4	Most	88	17	1,083	18	8,093	19	503	18				∇			
		5	Almost all	32	6	425	7	3,456	8	187	7							
			Total	524	100	5,562	100	42,995	100	2,744	100							
	tmreadinghrs																	
(Continuous variable of tmprephrs based of About ha		ery little	e=.10; Some=.25;									6.6	6.5	.00	7.0	06	6.5	.01
-	tmreadinghrscol	1	0 hrs	0	0	9	0	169	0	11	0							
	(Collapsed version of	2	More than zero, up to 5 hrs	268	51	2,792	52	21,801	50	1,432	53							
	tmreadinghrs created by NSSE.)	3	More than 5, up to 10 hrs	164	32	1,616	29	11,839	28	785	28							
		4	More than 10, up to 15 hrs	42	8	539	9	4,223	10	240	9							
		5	More than 15, up to 20 hrs	26	5	293	5	2,299	6	136	5							
		6	More than 20,	16	3	210	3	1,658	4	93	3							
			up to 25 hrs															
		7	More than 25 hrs	8	2	90	1	864	2	42	2							



Seniors						Frequen	cy Di	stributio	ns ^a				Stat		Compari ur seniors co		h	
				GVSU		Selected Pe		Pub Simila Carnegie		MI Publi		GVSU	Selected	I Doors	Pub Sir Carne		MI Pu	hlia
Harry word to a	Variable			GVSU		Selected Pe	ers	Carriegie	:	IVII PUDIII			Selected	Effect	Carrie	Effect	IVII PU	Effect
Item wording or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size e	Mean	size ^e	Mean	size e
18. How much has your		this inst	itution contributed	l to your kno	wledg	e, skills, and	perso	nal develop	ment i	n the follow	ving ar	eas?						
a. Writing clearly and	pgwrite	1	Very little	20	5	291	6	2,081	5	148	6							
effectively		2	Some	92	18	1,228	22	8,908	21	630	23							
		3	Quite a bit	247	47	2,268	41	17,020	39	1,122	41	3.0	3.0	.05	3.0	01	3.0	.08
		4	Very much	164	30	1,787	31	15,071	35	845	30							
			Total	523	100	5,574	100	43,080	100	2,745	100							
b. Speaking clearly and	pgspeak	1	Very little	27	6	393	7	2,834	7	199	8							
effectively		2	Some	129	26	1,367	24	9,699	23	667	25							
		3	Quite a bit	217	41	2,128	38	16,235	37	1,054	38	2.9	2.9	03	3.0	07	2.9	01
		4	Very much	147	27	1,676	31	14,242	33	822	30							
			Total	520	100	5,564	100	43,010	100	2,742	100							
c. Thinking critically and	pgthink	1	Very little	11	2	125	3	914	2	67	3							
analytically		2	Some	57	11	685	13	5,444	13	359	13							
		3	Quite a bit	202	38	2,229	39	16,334	37	1,093	40	3.3	3.3	.06	3.3	.04	3.3	.08
		4	Very much	253	48	2,531	45	20,335	47	1,226	44							
			Total	523	100	5,570	100	43,027	100	2,745	100							
d. Analyzing numerical	pganalyze	1	Very little	44	9	534	9	3,539	8	253	8							
and statistical		2	Some	164	30	1,390	25	10,385	24	778	28							
information		3	Quite a bit	179	34	1,874	34	14,727	34	927	34	2.8	2.9	08	2.9 **	13	2.8	04
		4	Very much	136	28	1,771	32	14,354	34	782	29				∇			
			Total	523	100	5,569	100	43,005	100	2,740	100							
e. Acquiring job- or	pgwork	1	Very little	24	5	455	8	3,176	8	213	8							
work-related knowledge and skills		2	Some	99	19	1,328	23	9,587	23	628	24							
Kilowieuge aliu skilis		3	Quite a bit	218	42	1,955	35	14,711	34	966	34	3.1	2.9 **	.12	3.0 *	.09	2.9 **	.12
		4	Very much	181	34	1,830	34	15,534	35	935	34		Δ		Δ		Δ	
			Total	522	100	5,568	100	43,008	100	2,742	100							
f. Working effectively	pgothers	1	Very little	17	4	240	4	2,005	5	131	5							
with others		2	Some	87	18	1,111	20	8,418	20	532	20							
		3	Quite a bit	219	42	2,226	40	16,282	37	1,104	40	3.1	3.1	.05	3.1	.07	3.0	.08
		4	Very much	199	37	1,989	36	16,315	37	980	35							
			Total	522	100	5,566	100	43,020	100	2,747	100							



Seniors						Frequen	cy Di	stributio	ns ^a				Stat		Compari ur seniors co		'n	
								Pub Simila	ar						Pub Sii		·	
				GVSU		Selected Pe	eers	Carnegie	9	MI Public	С	GVSU	Selected	l Peers	Carne	egie	MI Pu	blic
Item wording	Variable													Effect		Effect		Effect
or description	name ^c	Values	d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ^e	Mean	size ^e	Mean	size ^e
g. Developing or	pgvalues	1	Very little	40	8		11	4,240	11	283	11							
clarifying a personal code of values and		2	Some	140	28	1,394	25	10,099	24	704	27							
ethics		3	Quite a bit	197	38	2,025	36	14,808	34	928	33	2.8	2.8	.01	2.9	04	2.8	.03
		4	Very much	145	26	1,562	28	13,861	31	820	29							
			Total	522	100	5,567	100	43,008	100	2,735	100							
h. Understanding people	pgdiverse	1	Very little	38	8	478	9	3,494	9	231	9							
of other backgrounds		2	Some	128	26	1,476	27	10,329	25	703	27							
(economic, racial/ethnic, political,		3	Quite a bit	209	39	1,955	35	14,546	33	954	34	2.8	2.8	.00	2.9	07	2.8	.00
religious, nationality,		4	Very much	148	27	1,652	29	14,652	33	856	30							
etc.)			Total	523	100	5,561	100	43,021	100	2,744	100							
i. Solving complex real-	pgprobsolve	1	Very little	40	8	435	8	3,386	8	230	9							
world problems		2	Some	112	22	1,419	25	10,569	25	737	27							
		3	Quite a bit	206	38	2,148	39	15,221	35	991	35	2.9	2.9	.07	2.9	.04	2.8 *	.11
		4	Very much	166	32	1,566	29	13,873	32	791	29						Δ	
			Total	524	100	5,568	100	43,049	100	2,749	100						_	
j. Being an informed and	pgcitizen	1	Very little	58	12	675	12	5,057	12	348	14							
active citizen		2	Some	132	26	1,641	30	11,767	28	804	30							
		3	Quite a bit	203	38	1,862	33	13,828	31	887	31	2.7	2.7	.03	2.8	03	2.7	.08
		4	Very much	131	24	1,403	25	12,457	29	713	25							
			Total	524	100	5,581	100	43,109	100	2,752	100							
19. How would you eval	uoto vour onti	no oduos	ntional avnariance	ot this institu	tion?													
19. 110w would you eval	evalexp	1 e euuca 1	Poor	13	3	130	3	1,189	3	84	4							
	cvaicxp	2	Fair	62	13	715	13	5,754	14	408	16							
		3	Good	252	47	2,795	49	19,809	45	1,398	49	3.2	2.0	02	2.2	.00	21 44	12
		4			38	,		,	39	,	32	3.2	3.2	.02	3.2	.00	3.1 **	.13
		4	Excellent Total	209 536	100	1,955 5,595	35 100	16,535	100	854 2,744	100						Δ	
		_					100	43,287	100	2,744	100							
20. If you could start ov		d you go		-														
	sameinst	1	Definitely no	20	4	217	4	1,816	4	124	5							
		2	Probably no	52	10		12	5,245	12	383	14							
		3	Probably yes	233	44	2,455	43	18,017	41	1,256	45	3.2	3.2	.04	3.2	.01	3.1 **	.12
		4	Definitely yes	225	42	2,234	40	18,389	43	996	37						Δ	
			Total	530	100	5,624	100	43,467	100	2,759	100							



Detailed Statistics^g Grand Valley State University

First-Year Students

	N	Mean			:	Standard	error ^h		Sta	andard d	eviation ⁱ		Degree	s of free	dom ^j	Sign	nificance	(Eff	ect size ^e		
														Comp	arisons wit	h:	Сотр	arisons with	:	Сотр	arisons with	:
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
1 a. askquest	1,078	2.86	2.76	2.77	2.82	.024	.007	.003	.014	.79	.83	.84	.84	1,283	1,112	1,872	.000	.000	.081	.12	.11	.06
b. CLaskhelp	1,090	2.57	2.50	2.43	2.45	.026	.008	.003	.014	.86	.88	.90	.86	1,289	1,124	1,807	.012	.000	.000	.08	.15	.13
c. CLexplain	1,083	2.59	2.57	2.49	2.54	.024	.007	.003	.014	.80	.84	.87	.84	1,288	1,118	1,854	.491	.000	.102	.02	.11	.06
d. CLstudy	1,073	2.31	2.35	2.28	2.26	.028	.008	.004	.016	.91	.95	.97	.95	1,275	1,106	1,817	.204	.266	.115	04	.03	.05
e. CLproject	1,068	2.74	2.64	2.57	2.61	.024	.007	.003	.014	.78	.84	.88	.84	1,281	1,105	1,863	.000	.000	.000	.12	.19	.16
f. present	1,045	2.34	2.17	2.22	2.27	.027	.008	.003	.015	.86	.87	.91	.89	1,226	1,077	1,749	.000	.000	.035	.19	.13	.07
2 a. RIintegrate	1,049	2.71	2.62	2.61	2.69	.025	.008	.003	.014	.81	.84	.87	.86	1,244	1,082	1,795	.001	.000	.421	.10	.12	.03
b. RIsocietal	1,041	2.75	2.60	2.58	2.61	.025	.008	.003	.015	.82	.87	.90	.90	1,247	1,076	1,842	.000	.000	.000	.17	.18	.16
c. RIdiverse	1,034	2.70	2.61	2.59	2.63	.027	.008	.003	.016	.85	.90	.93	.93	1,235	1,068	1,836	.003	.000	.027	.09	.11	.07
d. RIownview	1,023	2.84	2.77	2.80	2.81	.023	.007	.003	.014	.74	.79	.82	.82	1,229	1,058	1,842	.005	.116	.232	.09	.05	.04
e. RIperspect	1,010	2.92	2.89	2.93	2.95	.024	.007	.003	.014	.76	.78	.80	.79	1,202	1,041	1,723	.313	.741	.280	.03	01	04
f. RInewview	992	2.94	2.87	2.88	2.87	.024	.007	.003	.014	.75	.79	.80	.79	1,188	1,023	1,700	.005	.011	.011	.09	.08	.09
g. RIconnect	982	3.12	3.07	3.05	3.10	.022	.007	.003	.013	.70	.73	.75	.74	1,177	1,015	1,715	.035	.002	.334	.07	.09	.03
3 a. SFcareer	973	2.54	2.24	2.32	2.43	.028	.009	.004	.016	.89	.92	.95	.92	1,162	1,005	1,654	.000	.000	.001	.32	.23	.12
b. SFotherwork	974	1.93	1.79	1.84	1.87	.031	.009	.004	.016	.97	.92	.95	.93	1,128	1,000	1,553	.000	.004	.083	.15	.09	.06
c. SFdiscuss	958	2.19	2.03	2.01	2.05	.029	.009	.004	.016	.89	.90	.93	.91	1,135	989	1,625	.000	.000	.000	.18	.19	.14
d. SFperform	957	2.28	2.09	2.15	2.14	.029	.008	.004	.016	.88	.88	.91	.89	1,126	985	1,580	.000	.000	.000	.21	.14	.15
4 a. memorize	932	2.99	2.90	2.90	2.93	.026	.008	.003	.014	.78	.80	.81	.78	1,107	960	1,524	.001	.001	.021	.11	.11	.09
b. HOapply	939	2.94	2.94	2.89	2.91	.025	.008	.003	.014	.76	.79	.81	.79	1,124	969	1,594	.985	.055	.297	.00	.06	.04
c. HOanalyze	931	2.94	2.91	2.88	2.85	.026	.008	.003	.014	.78	.81	.82	.80	1,111	960	1,566	.175	.010	.001	.05	.08	.12
d. HOevaluate	921	2.93	2.88	2.90	2.86	.026	.008	.003	.015	.79	.81	.81	.81	1,095	948	1,539	.066	.375	.028	.06	.03	.08
e. HOform	919	2.95	2.91	2.92	2.89	.025	.008	.003	.014	.77	.80	.81	.80	1,101	948	1,562	.141	.239	.054	.05	.04	.07
5 a. ETgoals	909	3.09	3.10	3.10	3.08	.024	.007	.003	.014	.72	.76	.79	.75	1,090	939	1,538	.926	.841	.536	.00	01	.02
b. ETorganize	910	3.02	3.01	3.01	3.01	.026	.008	.003	.014	.77	.80	.83	.78	1,084	940	1,505	.565	.627	.776	.02	.02	.01
c. ETexample	906	3.06	3.02	3.03	3.01	.025	.008	.003	.015	.75	.81	.84	.82	1,099	938	1,604	.107	.131	.071	.05	.05	.07
d. ETdraftfb	907	2.90	2.80	2.87	2.87	.028	.009	.004	.016	.85	.91	.92	.89	1,097	938	1,559	.001	.209	.360	.11	.04	.03
e. ETfeedback	900	2.79	2.72	2.78	2.76	.028	.009	.004	.016	.83	.88	.91	.88	1,080	930	1,548	.009	.560	.321	.09	.02	.04
f. etcriteria	880	2.99	3.01	3.03	3.00	.026	.008	.003	.015	.78	.80	.83	.81	1,047	908	1,488	.638	.156	.730	02	05	01
g. etreview	880	2.96	2.97	3.00	2.98	.026	.008	.003	.014	.78	.79	.81	.78	1,045	907	1,440	.684	.081	.439	01	06	03
h. etprefer	878	2.65	2.67	2.69	2.65	.027	.008	.004	.016	.80	.84	.88	.86	1,053	908	1,523	.532	.197	.857	02	04	.01
i. etdemonstrate	867	3.16	3.09	3.10	3.13	.024	.008	.003	.014	.71	.77	.80	.77	1,048	898	1,507	.010	.014	.283	.09	.07	.04



Detailed Statistics^g Grand Valley State University

First-Year Students

	N	Mean				Standard	error ^h		St	andard d	eviation	i	Degree	s of free	dom ^j	Sigr	nificance	k	Eff	ect size		
														Сотр	arisons wit	h:	Сотр	arisons with	1:	Сотр	arisons with	12
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
6 a. QRconclude	860	2.60	2.59	2.61	2.57	.028	.009	.004	.016	.83	.86	.88	.87	1,026	887	1,457	.740	.864	.366	.01	01	.03
b. QRproblem	860	2.44	2.36	2.39	2.32	.029	.009	.004	.017	.86	.89	.93	.92	1,027	888	1,487	.008	.072	.000	.09	.06	.14
c. QRevaluate	857	2.40	2.36	2.36	2.32	.028	.009	.004	.016	.83	.87	.91	.88	1,026	886	1,476	.108	.105	.008	.06	.05	.10
7 a. wrshortnum	842	7.19	6.24	6.22	7.13	.198	.057	.024	.112	5.73	5.63	5.69	5.97	987	866	1,422	.000	.000	.788	.17	.17	.01
b. wrmednum	842	2.87	2.27	2.49	2.74	.134	.036	.016	.074	3.88	3.58	3.93	3.92	970	867	1,388	.000	.005	.395	.17	.10	.03
c. wrlongnum	841	1.19	1.16	1.38	1.23	.120	.034	.015	.062	3.47	3.33	3.71	3.31	979	868	1,324	.803	.128	.815	.01	05	01
- wrpages	840	61.95	53.69	58.65	61.31	2.869	.831	.379	1.586	83.14	81.53	90.89	84.38	985	868	1,392	.006	.253	.844	.10	.04	.01
8 a. DDrace	849	3.02	3.06	2.97	3.05	.028	.009	.004	.016	.82	.89	.92	.87	1,030	879	1,460	.264	.050	.415	04	.06	03
b. DDeconomic	846	3.04	3.04	2.96	3.02	.028	.009	.004	.016	.82	.86	.89	.86	1,018	875	1,448	.918	.004	.479	.00	.09	.03
c. DDreligion	846	2.90	2.96	2.87	2.94	.030	.009	.004	.017	.87	.90	.94	.90	1,009	873	1,414	.049	.314	.218	07	.03	05
d. DDpolitical	845	2.92	2.78	2.76	2.76	.031	.010	.004	.018	.90	.94	.96	.93	1,012	872	1,423	.000	.000	.000	.15	.17	.17
e. ddsexorient	831	2.84	2.88	2.81	2.90	.032	.010	.004	.018	.92	.95	.98	.95	989	858	1,392	.249	.282	.107	04	.04	06
f. ddcountry	831	2.44	2.59	2.60	2.66	.032	.010	.004	.018	.91	.95	.96	.94	991	856	1,388	.000	.000	.000	16	16	23
9 a. LSreading	829	3.00	2.96	2.97	2.96	.025	.008	.003	.015	.72	.77	.78	.77	1,002	856	1,432	.109	.149	.099	.05	.05	.06
b. LSnotes	831	2.96	2.92	2.93	2.92	.029	.009	.004	.016	.84	.87	.87	.87	995	857	1,409	.139	.287	.146	.05	.04	.06
c. LSsummary	826	2.95	2.86	2.88	2.86	.028	.009	.004	.016	.80	.85	.85	.84	992	853	1,405	.002	.012	.006	.11	.08	.11
10 challenge	811	5.33	5.28	5.29	5.24	.037	.012	.005	.023	1.05	1.19	1.25	1.22	995	844	1,501	.174	.264	.031	.05	.03	.08
11 a. intern ¹	809	7%	8%	8%	8%	.009	.003	.001	.005								.106	.450	.125	06	03	06
b. leader ^l	803	8%	10%	9%	11%	.010	.003	.001	.006								.115	.263	.013	06	04	10
c. learncom1	799	11%	11%	10%	12%	.011	.003	.001	.006								.569	.226	.392	.02	.04	03
d. abroad ^l	802	2%	3%	3%	3%	.005	.002	.001	.003								.028	.064	.027	09	07	10
e. research ¹	802	6%	4%	5%	6%	.008	.002	.001	.005								.118	.738	.393	.05	.01	03
f. capstone ¹	800	3%	3%	3%	2%	.006	.002	.001	.003								.544	.801	.276	.02	.01	.04
12 servcourse	796	1.61	1.66	1.70	1.61	.026	.008	.003	.013	.72	.72	.74	.70	938	819	1,267	.110	.000	.807	06	12	.01
13 a. QIstudent	809	5.28	5.36	5.34	5.37	.041	.013	.006	.024	1.16	1.28	1.37	1.25	988	841	1,417	.052	.144	.053	07	04	07
b. QIadvisor	791	5.78	5.38	5.44	5.50	.046	.016	.007	.029	1.30	1.52	1.57	1.48	995	824	1,449	.000	.000	.000	.27	.21	.19
c. QIfaculty	806	5.49	5.44	5.43	5.41	.040	.013	.006	.025	1.14	1.24	1.35	1.30	981	839	1,491	.277	.150	.123	.04	.04	.06
d. QIstaff	755	5.37	5.15	5.22	5.22	.050	.016	.007	.031	1.36	1.47	1.55	1.49	922	785	1,378	.000	.004	.013	.15	.09	.10
e. QIadmin	734	5.27	5.09	5.16	5.17	.050	.016	.007	.030	1.35	1.48	1.58	1.49	898	762	1,306	.000	.021	.065	.13	.07	.07



Detailed Statistics^g Grand Valley State University

First-Year Students

	N		Mean				Standard	error ^h		St	andard d	eviation ⁱ		Degree	s of free	dom ^j	Sign	nificance	(Eff	fect size ^e	
					-									Comp	arisons wit	h:	Сотр	arisons with	:	Сотр	arisons with	12
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
14 a. empstudy	789	3.03	3.03	3.00	2.95	.025	.008	.003	.015	.70	.75	.76	.76	948	815	1,364	.926	.291	.013	.00	.04	.10
b. SEacademic	797	3.04	2.96	2.97	2.99	.027	.008	.004	.016	.77	.81	.84	.82	956	824	1,376	.008	.012	.166	.09	.08	.05
c. SElearnsup	796	3.16	3.00	3.01	3.05	.028	.009	.004	.017	.79	.89	.91	.88	981	826	1,432	.000	.000	.001	.19	.17	.13
d. SEdiverse	793	2.73	2.72	2.73	2.80	.031	.010	.004	.018	.87	.91	.93	.93	952	819	1,377	.659	.804	.072	.02	.01	07
e. SEsocial	790	2.92	2.93	2.92	2.99	.029	.009	.004	.017	.81	.85	.88	.86	948	817	1,360	.835	.910	.057	01	.00	07
f. SEwellness	789	2.91	2.90	2.90	2.93	.029	.009	.004	.017	.82	.86	.89	.88	942	815	1,353	.770	.647	.530	.01	.02	02
g. SEnonacad	787	2.32	2.29	2.34	2.26	.033	.010	.004	.018	.92	.93	.96	.94	931	811	1,301	.425	.425	.174	.03	03	.05
h. SEactivities	788	2.81	2.80	2.80	2.85	.030	.009	.004	.017	.85	.88	.93	.88	937	814	1,318	.887	.747	.160	.01	.01	06
i. SEevents	789	2.47	2.37	2.42	2.43	.033	.010	.004	.017	.92	.92	.97	.91	932	814	1,269	.003	.097	.228	.11	.06	.05
15 a. sbmyself	795	3.19	3.19	3.20	3.21	.023	.007	.003	.013	.64	.66	.67	.66	944	820	1,328	.848	.729	.474	.01	01	03
b. sbvalued	792	2.99	2.95	2.97	2.98	.023	.007	.003	.013	.64	.71	.72	.69	970	821	1,380	.076	.245	.476	.06	.04	.03
c. sbcommunity	797	2.95	2.96	2.95	2.97	.025	.008	.003	.014	.69	.75	.75	.72	966	824	1,345	.974	.878	.686	.00	.01	02
16 a. tmprephrs	778	13.93	14.37	13.45	13.98	.275	.086	.034	.154	7.68	8.15	8.02	8.01	934	802	1,303	.121	.085	.855	06	.06	01
b. tmcocurrhrs	836	5.35	4.93	4.80	4.94	.221	.065	.028	.126	6.39	6.21	6.61	6.52	987	863	1,416	.068	.013	.108	.07	.08	.06
c. tmworkonhrs	776	2.16	2.01	2.34	2.54	.195	.056	.025	.112	5.43	5.30	5.91	5.83	907	802	1,334	.478	.367	.090	.03	03	07
d. tmworkoffhrs	776	5.96	5.23	7.38	6.20	.319	.095	.046	.185	8.89	9.02	10.76	9.59	917	808	1,337	.029	.000	.524	.08	13	02
- tmworkhrs	773	8.10	7.23	9.71	8.75	.384	.116	.054	.214	10.66	11.02	12.44	11.08	920	803	1,290	.030	.000	.144	.08	13	06
e. tmservicehrs	776	2.15	2.07	2.42	2.41	.150	.047	.021	.093	4.19	4.50	4.97	4.81	936	806	1,417	.600	.070	.136	.02	06	06
f. tmrelaxhrs	777	13.30	12.85	12.37	13.31	.311	.087	.037	.167	8.68	8.30	8.65	8.66	903	798	1,256	.163	.003	.966	.05	.11	.00
g. tmcarehrs	834	1.63	2.16	3.41	2.25	.158	.061	.033	.113	4.56	5.79	7.60	5.86	1,099	906	1,757	.002	.000	.001	09	24	11
h. tmcommutehrs	775	3.86	4.19	4.91	4.18	.197	.061	.028	.105	5.48	5.79	6.57	5.47	929	806	1,251	.114	.000	.154	06	16	06
17 reading	773	2.74	2.53	2.57	2.45	.038	.011	.005	.021	1.05	1.06	1.07	1.07	914	796	1,274	.000	.000	.000	.19	.15	.27
— tmreadinghrs	772	6.24	5.85	5.71	5.58	.186	.057	.024	.105	5.18	5.36	5.44	5.46	920	796	1,305	.042	.005	.002	.07	.10	.12



Detailed Statistics^g Grand Valley State University

First-Year Students

	N		Mea	an			Standard	error ^h		St	andard d	eviation ⁱ		Degree	s of free	dom ^j	Sig	nificance	k	Eff	fect size ^e	
														Comp	arisons wit	h:	Сотр	arisons with):	Сотр	arisons with	1:
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
18 a. pgwrite	768	2.78	2.76	2.84	2.80	.029	.009	.004	.016	.80	.86	.85	.85	926	792	1,291	.413	.034	.591	.03	07	02
b. pgspeak	762	2.64	2.67	2.75	2.68	.032	.010	.004	.018	.90	.90	.90	.92	897	783	1,256	.486	.001	.406	03	12	03
c. pgthink	764	3.11	3.02	3.06	3.00	.027	.009	.003	.016	.74	.81	.81	.81	928	789	1,330	.001	.036	.000	.12	.07	.14
d. pganalyze	768	2.63	2.67	2.70	2.58	.033	.010	.004	.018	.92	.94	.93	.95	908	790	1,272	.320	.065	.174	04	07	.05
e. pgwork	764	2.59	2.61	2.62	2.61	.033	.010	.004	.018	.92	.93	.95	.94	904	786	1,258	.551	.376	.553	02	03	02
f. pgothers	760	2.88	2.82	2.84	2.83	.029	.009	.004	.016	.80	.87	.88	.84	916	785	1,271	.044	.144	.131	.07	.05	.06
g. pgvalues	764	2.65	2.64	2.69	2.64	.032	.010	.004	.018	.89	.92	.93	.93	908	787	1,272	.704	.214	.884	.01	04	.01
h. pgdiverse	765	2.71	2.77	2.82	2.81	.032	.010	.004	.018	.88	.90	.92	.92	905	788	1,276	.071	.001	.010	07	12	10
i. pgprobsolve	764	2.67	2.66	2.67	2.60	.031	.010	.004	.018	.86	.90	.93	.93	912	788	1,303	.683	.994	.043	.01	.00	.08
j. pgcitizen	769	2.70	2.63	2.67	2.65	.032	.010	.004	.018	.87	.93	.94	.92	924	794	1,299	.031	.310	.133	.08	.03	.06
19 evalexp	788	3.11	3.09	3.07	3.05	.024	.007	.003	.014	.67	.71	.73	.72	947	815	1,355	.558	.168	.036	.02	.05	.08
20 sameinst	780	3.19	3.18	3.17	3.18	.026	.008	.003	.014	.73	.76	.77	.75	932	804	1,287	.863	.410	.824	.01	.03	.01
21 returnexp ¹	782	90%	90%	88%	90%	.0108	.0032	.0014	.0057								.961	.072	.697	.00	.07	02

IPEDS: 170082



Detailed Statistics^g Grand Valley State University

Seniors

	N		Mean				Standard	error ^h		Sta	andard d	eviation ⁱ		Degree	s of freed	lom ^j	Sigi	nificance	(Eff	fect size ^e	
					-									Сотр	arisons with	: -	Сотр	arisons with	:	Сотр	parisons with	i:
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
1 a. askquest	625	3.15	3.04	3.07	3.10	.032	.008	.003	.013	.81	.87	.87	.85	704	635	825	.001	.011	.138	.12	.09	.06
b. CLaskhelp	640	2.51	2.51	2.40	2.41	.035	.008	.003	.014	.89	.92	.96	.94	716	650	850	.890	.001	.004	.01	.12	.12
c. CLexplain	641	2.82	2.69	2.59	2.66	.032	.008	.003	.013	.82	.87	.93	.91	722	652	878	.000	.000	.000	.15	.25	.18
d. CLstudy	635	2.40	2.41	2.31	2.32	.039	.009	.004	.015	.98	.99	1.02	1.02	707	645	838	.737	.029	.052	01	.08	.08
e. CLproject	632	3.10	2.93	2.78	2.84	.033	.008	.003	.014	.82	.88	.96	.92	714	644	870	.000	.000	.000	.19	.33	.29
f. present	614	2.70	2.71	2.57	2.63	.036	.009	.003	.014	.88	.95	.97	.95	690	624	815	.736	.000	.085	01	.14	.07
2 a. RIintegrate	622	3.14	3.00	2.94	2.95	.031	.008	.003	.013	.76	.84	.87	.87	705	633	858	.000	.000	.000	.16	.23	.21
b. RIsocietal	621	3.04	2.84	2.81	2.77	.034	.009	.003	.014	.86	.92	.93	.92	700	631	832	.000	.000	.000	.21	.24	.29
c. RIdiverse	619	2.87	2.70	2.65	2.63	.038	.009	.004	.015	.94	.97	1.01	1.01	693	629	828	.000	.000	.000	.17	.22	.24
d. RIownview	608	2.93	2.88	2.89	2.84	.034	.008	.003	.013	.84	.83	.85	.85	673	616	788	.132	.184	.012	.06	.05	.11
e. RIperspect	608	3.04	3.00	3.00	2.99	.034	.008	.003	.012	.83	.80	.82	.82	671	616	780	.176	.212	.149	.06	.05	.06
f. RInewview	605	2.99	3.01	3.00	2.99	.031	.008	.003	.012	.77	.79	.81	.79	678	614	795	.522	.834	.960	03	01	.00
g. RIconnect	601	3.26	3.24	3.23	3.26	.029	.007	.003	.011	.71	.73	.74	.73	674	610	786	.472	.418	.933	.03	.03	.00
3 a. SFcareer	596	2.55	2.47	2.45	2.51	.039	.010	.004	.015	.96	.98	1.01	1.01	667	606	790	.037	.009	.365	.09	.10	.04
b. SFotherwork	596	1.98	2.02	1.97	2.00	.041	.010	.004	.016	1.01	1.04	1.05	1.06	668	605	791	.265	.955	.673	05	.00	02
c. SFdiscuss	596	2.24	2.24	2.14	2.18	.037	.009	.004	.015	.89	.97	.99	.99	677	607	816	.957	.009	.168	.00	.10	.06
d. SFperform	596	2.21	2.19	2.21	2.22	.037	.009	.003	.014	.90	.92	.96	.94	669	605	790	.657	.866	.701	.02	01	02
4 a. memorize	577	2.63	2.69	2.79	2.72	.038	.009	.003	.014	.90	.88	.88	.90	640	585	742	.079	.000	.025	08	19	10
b. HOapply	592	3.17	3.11	3.11	3.09	.032	.008	.003	.012	.77	.79	.80	.80	663	601	785	.038	.035	.011	.09	.08	.11
c. HOanalyze	586	3.11	3.08	3.08	3.05	.034	.008	.003	.013	.82	.81	.82	.81	651	594	756	.380	.392	.115	.04	.04	.07
d. HOevaluate	585	3.03	2.96	2.99	2.95	.035	.009	.003	.013	.85	.86	.86	.85	655	593	763	.052	.293	.045	.08	.04	.09
e. HOform	583	3.05	3.02	3.03	2.98	.033	.008	.003	.013	.81	.82	.83	.82	654	592	766	.451	.563	.057	.03	.02	.08
5 a. ETgoals	579	3.12	3.19	3.21	3.16	.031	.008	.003	.013	.75	.76	.79	.81	647	588	780	.029	.003	.229	09	12	05
b. ETorganize	578	3.03	3.11	3.12	3.07	.034	.008	.003	.013	.81	.78	.83	.83	641	587	762	.023	.008	.358	10	11	04
c. ETexample	577	3.12	3.14	3.14	3.08	.033	.008	.003	.014	.79	.79	.83	.86	646	587	787	.682	.551	.161	02	02	.06
d. ETdraftfb	577	2.90	2.90	2.90	2.85	.038	.009	.004	.015	.90	.93	.96	.98	649	587	783	.955	.936	.319	.00	.00	.04
e. ETfeedback	576	2.83	2.85	2.89	2.85	.036	.009	.003	.014	.85	.89	.92	.91	651	586	776	.674	.073	.598	02	07	02
f. etcriteria	558	3.07	3.09	3.13	3.07	.033	.008	.003	.013	.79	.80	.83	.84	624	566	743	.550	.050	.978	03	08	.00
g. etreview	557	3.09	3.09	3.11	3.07	.031	.008	.003	.013	.74	.79	.82	.82	630	567	759	.874	.412	.519	01	03	.03
h. etprefer	557	2.84	2.79	2.83	2.77	.036	.009	.003	.014	.85	.86	.90	.90	623	566	742	.244	.755	.082	.05	.01	.08
i. etdemonstrate	557	3.14	3.18	3.21	3.16	.033	.008	.003	.013	.79	.78	.80	.81	620	565	732	.282	.039	.650	05	09	02



Detailed Statistics^g Grand Valley State University

Seniors

	N	Mean				Standard	error ^h		St	andard o	leviation	i	Degree	s of freed	lom ^j	Sign	nificance	k	Eff	ect size		
					-								_	Сотр	arisons with	: -	Comp	arisons with	n:	Сотр	arisons with	:
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
6 a. QRconclude	555	2.67	2.68	2.69	2.65	.039	.009	.003	.014	.92	.92	.92	.91	620	563	717	.851	.589	.613	01	02	.02
b. QRproblem	550	2.52	2.51	2.50	2.45	.040	.010	.004	.016	.94	.97	.97	.98	617	558	726	.776	.662	.090	.01	.02	.07
c. QRevaluate	549	2.53	2.51	2.48	2.44	.039	.009	.004	.015	.91	.93	.94	.93	615	557	721	.660	.192	.031	.02	.05	.10
7 a. wrshortnum	545	8.06	7.01	7.11	7.40	.290	.064	.024	.104	6.77	6.20	6.44	6.49	597	551	691	.000	.001	.034	.17	.15	.10
b. wrmednum	545	3.52	3.33	3.35	3.42	.186	.045	.017	.072	4.35	4.40	4.52	4.47	611	554	717	.345	.385	.651	.04	.04	.02
c. wrlongnum	544	2.06	1.82	1.95	2.03	.161	.038	.015	.063	3.75	3.72	4.04	3.94	606	552	722	.148	.497	.860	.06	.03	.01
- wrpages	544	83.23	74.46	76.81	79.49	4.073	.982	.385	1.574	94.97	94.97	101.22	97.57	607	552	714	.037	.117	.393	.09	.06	.04
8 a. DDrace	548	2.86	3.06	3.03	2.95	.038	.009	.004	.015	.89	.90	.94	.93	615	557	728	.000	.000	.028	23	18	10
b. DDeconomic	544	2.99	3.07	3.03	3.00	.034	.009	.003	.014	.80	.86	.90	.89	618	554	744	.014	.237	.794	10	05	01
c. DDreligion	544	2.92	2.95	2.92	2.92	.036	.010	.004	.015	.85	.93	.96	.94	621	554	743	.386	.936	.948	04	.00	.00
d. DDpolitical	545	2.86	2.77	2.83	2.83	.039	.010	.004	.015	.90	.96	.97	.94	619	554	724	.029	.384	.447	.09	.03	.03
e. ddsexorient	537	2.91	2.98	2.85	2.86	.038	.010	.004	.016	.89	.95	.99	.97	608	547	726	.049	.161	.224	08	.05	.05
f. ddcountry	540	2.40	2.63	2.66	2.64	.037	.010	.004	.016	.87	.96	.98	.98	618	549	745	.000	.000	.000	24	26	25
9 a. LSreading	538	3.10	3.08	3.10	3.07	.034	.008	.003	.013	.78	.81	.81	.83	606	546	721	.557	.934	.321	.03	.00	.04
b. LSnotes	541	2.90	2.87	2.96	2.89	.039	.010	.003	.015	.91	.92	.91	.94	606	548	714	.451	.130	.757	.03	07	.01
c. LSsummary	538	2.97	2.89	2.96	2.91	.035	.009	.003	.014	.82	.88	.88	.89	612	547	730	.027	.884	.170	.09	.01	.06
10 challenge	532	5.39	5.46	5.56	5.46	.055	.013	.005	.021	1.27	1.24	1.32	1.32	591	540	701	.219	.003	.221	06	13	06
11 a. intern ¹	531	69%	50%	43%	52%	.0201	.0052	.0019	.0081								.000	.000	.000	.39	.52	.35
b. leader ¹	525	37%	33%	27%	31%	.0210	.0049	.0017	.0075								.075	.000	.009	.08	.21	.12
c. learncom ¹	526	31%	22%	20%	23%	.0202	.0043	.0015	.0068								.000	.000	.000	.20	.26	.19
d. abroad ^l	528	11%	14%	8%	8%	.0135	.0036	.0010	.0045								.038	.005	.047	10	.11	.09
e. research ¹	525	26%	24%	19%	21%	.0193	.0044	.0015	.0066								.146	.000	.002	.06	.17	.14
f. capstone ¹	524	75%	49%	40%	46%	.0190	.0052	.0019	.0081								.000	.000	.000	.53	.71	.59
12 servcourse	524	1.83	1.71	1.77	1.73	.032	.007	.003	.012	.74	.71	.76	.73	580	531	672	.000	.052	.002	.17	.08	.15
13 a. QIstudent	525	5.58	5.54	5.60	5.55	.051	.014	.005	.021	1.18	1.31	1.36	1.27	602	535	708	.411	.743	.530	.03	01	.03
b. QIadvisor	512	5.08	5.07	5.28	5.18	.076	.018	.007	.029	1.73	1.75	1.76	1.75	573	520	666	.882	.009	.217	.01	11	06
c. QIfaculty	528	5.59	5.56	5.59	5.51	.051	.014	.005	.022	1.18	1.30	1.39	1.36	604	539	740	.564	.921	.141	.02	.00	.06
d. QIstaff	429	4.99	4.97	5.14	5.05	.073	.019	.007	.031	1.52	1.65	1.71	1.68	486	437	591	.781	.046	.427	.01	09	04
e. QIadmin	484	4.95	4.93	5.12	4.98	.069	.018	.007	.029	1.53	1.64	1.69	1.67	550	492	659	.731	.019	.664	.02	10	02



Detailed Statistics^g Grand Valley State University

Seniors

	N		Mean			9	Standard	error ^h		Sta	andard d	eviation ⁱ		Degree	s of freed	lom ^j	Sigr	nificance	k	Eff	fect size ^e	
														Comp	arisons with	: -	Сотр	arisons with	ı:	Сотр	arisons with	i:
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
14 a. empstudy	522	3.10	3.04	3.08	3.01	.032	.008	.003	.013	.73	.78	.77	.77	590	530	693	.049	.540	.011	.08	.03	.11
b. SEacademic	525	2.92	2.85	2.92	2.83	.036	.009	.003	.014	.81	.85	.87	.86	592	534	700	.055	.975	.019	.08	.00	.10
c. SElearnsup	525	2.90	2.79	2.86	2.78	.038	.010	.004	.015	.87	.93	.95	.94	596	534	705	.006	.362	.007	.12	.04	.12
d. SEdiverse	527	2.56	2.60	2.66	2.57	.042	.010	.004	.016	.96	.97	.99	.96	591	535	683	.414	.025	.959	04	10	.00
e. SEsocial	526	2.76	2.80	2.83	2.79	.040	.009	.004	.015	.91	.90	.93	.91	586	534	681	.274	.088	.498	05	07	03
f. SEwellness	525	2.72	2.71	2.76	2.68	.039	.010	.004	.015	.89	.93	.95	.93	592	533	697	.952	.211	.445	.00	05	.03
g. SEnonacad	527	1.97	2.06	2.17	2.03	.039	.010	.004	.016	.89	.95	1.01	.96	597	537	708	.033	.000	.143	09	20	06
h. SEactivities	523	2.59	2.60	2.60	2.53	.040	.010	.004	.016	.93	.94	.99	.97	586	531	692	.729	.764	.189	02	01	.06
i. SEevents	522	2.31	2.23	2.30	2.23	.039	.010	.004	.016	.89	.95	.99	.95	593	532	702	.040	.732	.057	.09	.01	.08
15 a. sbmyself	527	3.21	3.25	3.29	3.25	.030	.008	.003	.012	.68	.72	.71	.71	597	536	700	.216	.005	.169	05	12	06
b. sbvalued	527	2.85	2.87	2.96	2.89	.036	.009	.003	.014	.82	.82	.83	.84	590	535	691	.715	.002	.373	02	13	04
c. sbcommunity	527	2.91	2.91	2.96	2.91	.034	.009	.003	.014	.78	.82	.83	.82	595	535	703	.951	.159	.961	.00	06	.00
16 a. tmprephrs	519	15.67	15.51	15.04	15.00	.385	.092	.034	.142	8.77	8.78	8.72	8.65	579	526	667	.684	.101	.100	.02	.07	.08
b. tmcocurrhrs	565	3.95	4.65	4.17	4.32	.252	.070	.026	.111	6.00	6.61	6.74	6.78	653	576	801	.008	.393	.188	11	03	05
c. tmworkonhrs	518	2.62	3.04	3.11	3.66	.256	.066	.027	.118	5.83	6.33	6.90	7.17	589	529	754	.114	.056	.000	07	07	15
d. tmworkoffhrs	514	13.19	11.42	14.52	14.67	.524	.127	.052	.217	11.89	12.12	13.42	13.21	575	523	701	.001	.012	.009	.15	10	11
- tmworkhrs	513	15.85	14.45	17.61	18.33	.521	.133	.053	.213	11.81	12.68	13.64	12.96	581	523	695	.009	.001	.000	.11	13	19
e. tmservicehrs	518	2.86	2.48	2.99	2.67	.225	.054	.022	.084	5.11	5.10	5.62	5.09	577	526	668	.096	.563	.426	.08	02	.04
f. tmrelaxhrs	516	10.89	11.96	10.75	11.56	.326	.087	.032	.138	7.41	8.25	8.15	8.42	591	525	715	.002	.673	.058	13	.02	08
g. tmcarehrs	564	3.58	3.99	6.95	5.45	.359	.095	.045	.172	8.53	9.04	11.51	10.47	645	581	846	.269	.000	.000	05	29	18
h. tmcommutehrs	518	4.86	5.10	5.02	4.60	.193	.060	.024	.090	4.39	5.68	6.19	5.47	621	533	762	.245	.433	.225	04	02	.05
17 reading	519	2.64	2.62	2.75	2.63	.048	.012	.005	.019	1.09	1.17	1.16	1.17	589	527	697	.640	.025	.732	.02	09	.02
- tmreadinghrs	519	6.56	6.54	6.96	6.51	.250	.062	.025	.100	5.70	5.87	6.31	6.09	584	528	696	.945	.111	.877	.00	06	.01



Detailed Statistics^g Grand Valley State University

Seniors

	N	N Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
Variable Name	GVSU	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	GVSU	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public	Selected Peers	Pub Similar Carnegie	MI Public
18 a. pgwrite	518	3.03	2.98	3.04	2.96	.036	.009	.003	.014	.82	.87	.87	.87	587	527	692	.201	.794	.085	.05	01	.08
b. pgspeak	515	2.89	2.92	2.95	2.90	.038	.010	.004	.015	.87	.91	.92	.92	582	523	686	.454	.105	.844	03	07	01
c. pgthink	518	3.32	3.27	3.29	3.25	.034	.008	.003	.013	.77	.78	.79	.79	580	526	677	.175	.408	.069	.06	.04	.08
d. pganalyze	518	2.81	2.88	2.93	2.85	.041	.010	.004	.015	.94	.96	.95	.94	581	525	671	.073	.003	.396	08	13	04
e. pgwork	517	3.05	2.94	2.97	2.94	.037	.010	.004	.016	.85	.95	.95	.95	592	526	712	.004	.020	.005	.12	.09	.12
f. pgothers	517	3.11	3.07	3.06	3.05	.037	.009	.003	.014	.83	.85	.89	.87	580	525	683	.272	.113	.091	.05	.07	.08
g. pgvalues	517	2.82	2.81	2.86	2.79	.040	.010	.004	.016	.92	.96	.99	.98	583	525	694	.824	.364	.557	.01	04	.03
h. pgdiverse	518	2.85	2.84	2.91	2.85	.040	.010	.004	.016	.91	.94	.96	.96	583	526	687	.992	.105	.982	.00	07	.00
i. pgprobsolve	519	2.94	2.88	2.90	2.83	.041	.010	.004	.016	.92	.91	.95	.94	578	527	679	.147	.313	.013	.07	.04	.11
j. pgcitizen	519	2.74	2.71	2.76	2.66	.042	.010	.004	.017	.96	.98	1.00	1.00	582	527	688	.509	.550	.075	.03	03	.08
19 evalexp	532	3.19	3.17	3.19	3.09	.033	.008	.003	.013	.77	.75	.78	.78	591	540	697	.715	.929	.006	.02	.00	.13
20 sameinst	525	3.23	3.19	3.22	3.13	.035	.008	.003	.014	.80	.81	.82	.83	588	533	694	.344	.802	.007	.04	.01	.12

IPEDS: 170082



Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent *t*-tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a *z*-test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t-tests uses Cohen's d; z-tests use Cohen's h. See page 2 for more details.
- f. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t-tests. Values differ from 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.
- 1. Mean represents the proportion who responded "Done or in progress" or "Yes."