



National Survey of Student Engagement

The College Student Report

NSSE 2002 Means Summary Report Western Michigan University

Western Michigan U	Western Michigan U compared with							
	Doc-Ext			NSSE 2002				

1. Academic and Intellectual Experiences

Variable Class Mean Doc-Ext Mean Sig^a Effect size^b NSSE 2002 Mean Sig^a Effect size^b
1=never, 2=sometimes, 3=often, 4=very often

a.	Asked questions in class or contributed to class discussions	CLQUEST	FY	2.52	2.58			2.80	***	-.33
			SR	2.98	2.89			3.10		
b.	Made a class presentation	CLPRESEN	FY	1.89	1.95			2.21	***	-.41
			SR	2.82	2.63	**	.23	2.81		
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	FY	2.72	2.61			2.68		
			SR	2.38	2.39			2.50		
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	FY	2.84	2.93			3.04	***	-.26
			SR	3.19	3.24			3.33	*	-.19
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments.	DIVCLASS	FY	2.54	2.66	*	-.14	2.71	**	-.19
			SR	2.66	2.60			2.73		
f.	Came to class without completing readings or assignments	CLUNPREP	FY	2.15	2.19			2.07		
			SR	2.13	2.26	*	-.16	2.11		
g.	Worked with other students on projects during class	CLASSGRP	FY	2.43	2.26	**	.21	2.34		
			SR	2.58	2.38	**	.23	2.45	*	.15
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	FY	2.16	2.33	**	-.21	2.40	***	-.29
			SR	2.75	2.78			2.72		
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	FY	2.35	2.43			2.47	*	-.15
			SR	2.87	2.83			2.82		
j.	Tutored or taught other students (paid or voluntary)	TUTOR	FY	1.50	1.67	***	-.21	1.67	***	-.20
			SR	1.79	1.80			1.85		
k.	Participated in a community-based project as a part of a regular course	COMMPROJ	FY	1.17	1.35	***	-.27	1.42	***	-.36
			SR	1.54	1.49			1.59		

1. Academic and Intellectual Experiences (continued)

1=never, 2=sometimes, 3=often, 4=very often

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



Western Michigan U	Western Michigan U compared with								
	Doc-Ext			NSSE 2002					

	Variable	Class	Mean	Doc-Ext			NSSE 2002		
				Mean	Sig ^a	Effect size ^b	Mean	Sig ^a	Effect size ^b
INTE	l. Used an electronic medium (list-serv, chat group, Internet, etc.) to discuss or complete an assignment	FY	2.58	2.66			2.61		
		SR	2.79	2.82			2.76		
	m. Used email to communicate with an instructor	FY	2.87	2.99			2.88		
		SR	3.03	3.21	**	-.22	3.07		
	n. Discussed grades or assignments with an instructor	FY	2.49	2.53			2.60	*	-.14
		SR	2.74	2.74			2.81		
	o. Talked about career plans with a faculty member or advisor	FY	1.97	2.10	*	-.15	2.16	**	-.22
		SR	2.26	2.31			2.45	**	-.21
	p. Discussed ideas from your reading or classes with faculty members outside of class	FY	1.59	1.70	*	-.14	1.80	***	-.26
		SR	1.92	1.96			2.09	**	-.19
	q. Received prompt feedback from faculty on your academic performance (written or oral)	FY	2.44	2.52			2.62	**	-.21
		SR	2.70	2.67			2.81		
	r. Worked harder than you thought you could to meet an instructor's standards or expectations.	FY	2.52	2.51			2.60		
		SR	2.54	2.58			2.68	*	-.16
	s. Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FY	1.25	1.40	***	-.21	1.53	***	-.36
		SR	1.68	1.68			1.81	*	-.15
	t. Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	FY	2.65	2.71			2.74		
		SR	2.79	2.83			2.86		
u. Had serious conversations with students of a different race or ethnicity than your own	FY	2.44	2.62	*	-.18	2.59	*	-.15	
	SR	2.40	2.64	***	-.25	2.58	**	-.19	
v. Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values	FY	2.64	2.73			2.70			
	SR	2.47	2.68	**	-.22	2.64	*	-.18	

2. Mental Activities

1=very little, 2=some, 3=quite a bit, 4=very much

a.	Memorizing facts, ideas, or methods from your courses and readings so you can repeat	MEMORIZE	FY	3.08	3.04			2.94	*	.16
----	--	----------	----	------	------	--	--	------	---	-----

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



				Western Michigan U	Western Michigan U compared with					
					Doc-Ext			NSSE 2002		
					Doc-Ext	Sig ^a	Effect size ^b	NSSE 2002	Sig ^a	Effect size ^b
				Mean	Mean			Mean		
Variable	Class			Mean	Doc-Ext Mean	Sig ^a	Effect size ^b	NSSE 2002 Mean	Sig ^a	Effect size ^b
them in pretty much the same form		SR		2.75	2.82			2.75		
b. Analyzing the basic elements of an idea, experience, or theory such as examining a particular case or situation in depth and considering its components	ANALYZE	FY		2.89	3.10	***	-.28	3.14	***	-.33
		SR		3.16	3.25			3.27		
c. Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	FY		2.56	2.79	***	-.27	2.86	***	-.35
		SR		2.89	2.99			3.05	**	-.20
d. Making judgments about the value of information, arguments, or methods such as examining how others gathered and interpreted data and assessing the soundness of their conclusions	EVALUATE	FY		2.63	2.70			2.80	**	-.19
		SR		2.86	2.86			2.93		
e. Applying theories or concepts to practical problems or in new situations	APPLYING	FY		2.79	3.00	***	-.25	2.99	**	-.23
		SR		3.06	3.14			3.17		

3. Reading and Writing

1=none, 2= between 1 and 4, 3=between 5 and 10, 4=between 11 and 20, 5=more than 20

a. Number of assigned textbooks, books, or book-length packs of course readings	READASGN	FY		3.35	3.44			3.48	*	-.13
		SR		3.13	3.28	*	-.15	3.32	**	-.19
b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY		1.80	1.97	**	-.20	2.03	***	-.25
		SR		2.19	2.21			2.21		
c. Number of written papers or reports of 20 pages or more	WRITEMOR	FY		1.25	1.18			1.21		
		SR		1.55	1.62			1.65	*	-.14
d. Number of written papers or reports between 5 and 19 pages	WRITEMID	FY		2.40	2.37			2.47		
		SR		2.48	2.60	*	-.13	2.69	**	-.22
e. Number of written papers or reports of fewer than 5 pages	WRITESML	FY		3.40	3.19	**	.20	3.32		
		SR		3.33	3.08	**	.21	3.12	*	.17

4. Challenge of Examinations

1=very little to 7=very much

To what extent did your exams during the current school year challenge you to do your best work?	EXAMS	FY		5.40	5.60	**	-.19	5.59	**	-.18
		SR		5.31	5.40			5.52	*	-.18

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



Western Michigan U	Western Michigan U compared with							
	Doc-Ext			NSSE 2002				

Variable Class Mean Doc-Ext Mean Sig^a Effect size^b NSSE 2002 Mean Sig^a Effect size^b

5. Quality of Advising

1=poor, 2=fair, 3=good, 4=excellent

Overall how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	FY	2.66	2.81	*	-.17	2.91	***	-.30
		SR	2.61	2.64			2.86	***	-.26

6. Enriching Educational Experiences

*Which of the following have you done or do you plan to do before you graduate from your institution?
0=No, 1=Yes (undecided=missing) Means are the proportion of students responding "Yes."*

a. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN	FY	.96	.96			.94		
		SR	.80	.76			.76		
b. Community service or volunteer work	VOLUNTER	FY	.85	.90			.89		
		SR	.63	.69			.69		
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LEARNCOM	FY	.46	.50			.52		
		SR	.29	.25			.26		
d. Work on a research project with a faculty member outside of course or program requirements	RESEARCH	FY	.39	.55	***	-.32	.51	**	-.25
		SR	.23	.30	*	-.15	.28		
e. Foreign language coursework	FORLANG	FY	.40	.58	***	-.36	.62	***	-.45
		SR	.30	.44	***	-.28	.44	***	-.28
f. Study abroad	STUDYABR	FY	.47	.56	*	-.19	.56	*	-.19
		SR	.15	.18			.20		
g. Independent study or self-designed major	INDSTUDY	FY	.20	.21			.28	*	-.19
		SR	.22	.27			.31	**	-.19
h. Culminating senior experience (comprehensive exam, capstone course, thesis, project, etc.)	SENIORX	FY	.60	.71	*	-.23	.77	**	-.38
		SR	.50	.52			.63	**	-.26

1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=more than 30 hrs/wk

7. Time Usage

a. Preparing for class (studying, reading, writing, rehearsing, and other activities related to your academic program)	ACADPR01	FY	3.67	4.17	***	-.29	4.16	***	-.28
		SR	3.77	4.16	**	-.21	4.16	**	-.22

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



National Survey of Student Engagement

The College Student Report

NSSE 2002 Means Summary Report Western Michigan University

Western Michigan U				Western Michigan U compared with						
				Doc-Ext		NSSE 2002				
Variable				Doc-Ext	Sig ^a	Effect size ^b	NSSE 2002	Sig ^a	Effect size ^b	
Class				Mean	Mean		Mean			
b.	Working for pay on campus	WORKON01	FY	1.45	1.51		1.62	*	-.14	
			SR	1.76	1.98		1.88			
c.	Working for pay off campus	WORKOF01	FY	1.87	1.87		2.33	***	-.21	
			SR	4.31	3.29	***	.39	3.65	***	.24
d.	Participating in co-curricular activities (organizations, campus publications, student government, etc.)	COCURR01	FY	1.75	2.09	***	-.25	2.10	***	-.25
			SR	1.81	2.02	*	-.15	2.04	*	-.16
e.	Relaxing and socializing (watching TV, partying, exercising, etc.)	SOCIAL01	FY	4.73	4.38	**	.19	4.11	***	.34
			SR	3.91	3.95			3.75		
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	FY	1.31	1.30		1.57	***	-.17	
			SR	2.11	1.91		2.24			
g.	Commuting to class	COMMUTE	FY	1.89	1.88		1.80			
			SR	2.19	2.13		2.06			

8. Educational and Personal Growth

1=very little, 2=some, 3=quite a bit, 4=very much

a.	Acquiring a broad general education	NGGENLED	FY	3.03	3.07		3.11		
			SR	3.07	3.17		3.26	**	-.25
b.	Acquiring job or work-related knowledge and skills	GNWORK	FY	2.36	2.48		2.53	*	-.18
			SR	3.04	2.94		3.00		
c.	Writing clearly and effectively	GNWRITE	FY	2.77	2.72		2.87		
			SR	2.90	2.94		3.06	**	-.19
d.	Speaking clearly and effectively	GNSPEAK	FY	2.41	2.40		2.61	**	-.22
			SR	2.77	2.81		2.96	**	-.21

8. Educational and Personal Growth (continued)

1=very little, 2=some, 3=quite a bit, 4=very much

a.	Thinking critically and analytically	GNANALY	FY	2.94	3.08	*	-.17	3.12	**	-.22
			SR	3.11	3.28	**	-.22	3.33	***	-.29
b.	Analyzing quantitative problems	GNQUANT	FY	2.43	2.67	***	-.27	2.62	***	-.21
			SR	2.71	2.92	**	-.23	2.90	**	-.21

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



National Survey of Student Engagement

The College Student Report

NSSE 2002 Means Summary Report Western Michigan University

Western Michigan U	Western Michigan U compared with								
	Doc-Ext			NSSE 2002					

	Variable	Class	Mean	Doc-Ext Mean	Sig ^a	Effect size ^b	NSSE 2002 Mean	Sig ^a	Effect size ^b	
c.	Using computing and information technology	GNCMPTS	FY	2.74	2.71		2.70			
			SR	2.91	3.04	*	-0.14	3.00		
d.	Working effectively with others	GNOTHERS	FY	2.75	2.70		2.81			
			SR	3.11	3.07		3.13			
e.	Voting in local, state, or national elections	GNCITIZN	FY	1.35	1.52	***	-0.21	1.55	***	-0.23
			SR	1.62	1.70		1.76	*	-0.15	
f.	Learning effectively on your own	GNINQ	FY	2.81	3.00	**	-0.22	2.95	*	-0.16
			SR	2.87	3.09	***	-0.26	3.11	***	-0.28
g.	Understanding yourself	GNSSELF	FY	2.83	2.85		2.87			
			SR	2.77	2.95	*	-0.19	3.01	***	-0.25
h.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.65	2.62		2.61			
			SR	2.63	2.65		2.67			
i.	Solving complex real-world problems	GNPROBSV	FY	2.48	2.46		2.48			
			SR	2.50	2.70	**	-0.21	2.70	**	-0.21
j.	Developing a personal code of values and ethics	GNETHICS	FY	2.67	2.60		2.63			
			SR	2.53	2.65		2.73	**	-0.20	
k.	Contributing to the welfare of your community	GNCOMMUN	FY	1.87	2.12	***	-0.26	2.16	***	-0.30
			SR	2.14	2.25		2.35	**	-0.21	

9. Institutional Environment

1=very little, 2=some, 3=quite a bit, 4=very much

a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	FY	2.81	3.07	***	-0.34	3.13	***	-0.42
			SR	2.84	3.02	**	-0.23	3.11	***	-0.35
b.	Providing the support you need to help you succeed academically	ENVSUPRT	FY	2.63	2.88	***	-0.31	3.01	***	-0.45
			SR	2.60	2.65			2.87	***	-0.30
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	FY	2.28	2.52	***	-0.25	2.56	***	-0.28
			SR	2.22	2.29			2.38	*	-0.17
d.	Helping you cope with your non-academic	ENVNACAD	FY	1.82	1.99	**	-0.18	2.10	***	-0.30

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



NSSE 2002 Means Summary Report
Western Michigan University

Western Michigan U	Western Michigan U compared with								
	Doc-Ext			NSSE 2002					

Variable	Class	Mean	Doc-Ext Mean	Sig ^a	Effect size ^b	NSSE 2002			
						Mean	Sig ^a	Effect size ^b	
responsibilities (work, family, etc.)	SR	1.67	1.78			1.92	***		-.27
Providing the support you need to thrive socially	FY	2.23	2.32			2.31			
	SR	1.92	2.05	*	-.14	2.10	**		-.20
Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	FY	2.60	2.78	**	-.19	2.77	*		-.17
	SR	2.30	2.51	**	-.21	2.51	**		-.21

10. Quality of Relationships

1=unfriendly, unsupportive, sense of alienation to 7=friendly, supportive, sense of belonging

a. Relationships with other students	ENVSTU	FY	5.59	5.70			5.66		
		SR	5.68	5.65			5.70		

1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic

b. Relationships with faculty members	ENVFAC	FY	4.83	5.12	***	-.24	5.39	***	-.45
		SR	5.31	5.24			5.55	**	-.19

1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible

c. Relationships with administrative personnel and offices	ENVADM	FY	4.51	4.69			4.88	***	-.25
		SR	4.53	4.35			4.57		

Satisfaction

1=poor, 2=fair, 3=good, 4=excellent

11. How would you evaluate your entire educational experience at this institution?	ENTIREXP	FY	2.97	3.17	***	-.30	3.19	***	-.31
		SR	3.08	3.16			3.24	**	-.23

1=definitely no, 2=probably no, 3=probably yes, 4=definitely yes

12. If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	FY	3.07	3.24	**	-.22	3.17		
		SR	3.10	3.14			3.13		

^a * p<.05 ** p<.01 ***p<.001 (2-tailed). Detailed statistics on pp. 8-13.

^b Effect size=mean difference divided by comparison group standard deviation.



National Survey of Student Engagement

The College Student Report

NSSE 2002 Detailed Statistics Western Michigan U First-Year Students

	Mean			Margin of error (95% level) ^a			Standard deviation ^b			Number of respondents			Significance ^c		Effect size ^d	
	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	<i>Western Michigan U compared with</i>			
													Doc-Ext	NSSE 2002	Doc-Ext	NSSE 2002
CLQUEST	2.52	2.58	2.80	.11	.02	.01	.79	.81	.85	206	7,796	39,154	.241	.000	-.08	-.33
CLPRESEN	1.89	1.95	2.21	.10	.02	.01	.73	.74	.78	206	7,795	39,138	.259	.000	-.08	-.41
REWROPAP	2.72	2.61	2.68	.14	.02	.01	1.04	1.01	.99	206	7,789	39,104	.132	.632	.11	.04
INTEGRAT	2.84	2.93	3.04	.10	.02	.01	.74	.82	.79	206	7,792	39,121	.107	.000	-.10	-.26
DIVCLASS	2.54	2.66	2.71	.12	.02	.01	.88	.89	.88	206	7,785	39,096	.045	.006	-.14	-.19
CLUNPREP	2.15	2.19	2.07	.09	.02	.01	.68	.77	.73	205	7,790	39,082	.469	.082	-.05	.11
CLASSGRP	2.43	2.26	2.34	.10	.02	.01	.71	.81	.81	205	7,786	39,094	.001	.066	.21	.11
OCCGRP	2.16	2.33	2.40	.11	.02	.01	.78	.84	.84	205	7,792	39,125	.002	.000	-.21	-.29
INTIDEAS	2.35	2.43	2.47	.10	.02	.01	.72	.80	.80	206	7,784	39,067	.147	.022	-.09	-.15
TUTOR	1.50	1.67	1.67	.09	.02	.01	.69	.82	.83	206	7,791	39,104	.001	.001	-.21	-.20
COMMPROJ	1.17	1.35	1.42	.06	.01	.01	.44	.67	.72	206	7,781	39,061	.000	.000	-.27	-.36
ITACADEM	2.58	2.66	2.61	.14	.02	.01	.99	1.05	1.05	206	7,787	39,104	.224	.637	-.08	-.03
EMAIL	2.87	2.99	2.88	.12	.02	.01	.89	.86	.91	204	7,785	39,081	.064	.888	-.14	-.01
FACGRADE	2.49	2.53	2.60	.11	.02	.01	.79	.85	.85	206	7,784	39,089	.414	.039	-.05	-.14
FACPLANS	1.97	2.10	2.16	.12	.02	.01	.84	.86	.88	205	7,784	39,094	.027	.001	-.15	-.22
FACIDEAS	1.59	1.70	1.80	.09	.02	.01	.68	.76	.81	205	7,776	39,076	.026	.000	-.14	-.26
FACFEED	2.44	2.52	2.62	.11	.02	.01	.80	.82	.83	206	7,782	39,093	.150	.002	-.10	-.21
WORKHARD	2.52	2.51	2.60	.11	.02	.01	.80	.86	.85	205	7,779	39,077	.877	.190	.01	-.09
FACOTHER	1.25	1.40	1.53	.08	.02	.01	.55	.70	.78	204	7,774	39,070	.000	.000	-.21	-.36
OOCIDEAS	2.65	2.71	2.74	.11	.02	.01	.81	.85	.86	204	7,776	39,071	.281	.100	-.07	-.11
DIVRSTUD	2.44	2.62	2.59	.14	.02	.01	1.00	1.02	1.03	205	7,776	39,057	.011	.029	-.18	-.15
DIFFSTU2	2.64	2.73	2.70	.13	.02	.01	.96	.98	.99	204	7,775	39,051	.224	.371	-.09	-.06
MEMORIZE	3.08	3.04	2.94	.11	.02	.01	.78	.84	.87	205	7,781	39,070	.490	.012	.05	.16
ANALYZE	2.89	3.10	3.14	.11	.02	.01	.80	.77	.78	203	7,779	39,057	.000	.000	-.28	-.33
SYNTHESZ	2.56	2.79	2.86	.11	.02	.01	.83	.85	.85	205	7,771	39,034	.000	.000	-.27	-.35
EVALUATE	2.63	2.70	2.80	.12	.02	.01	.86	.89	.88	204	7,772	39,043	.256	.007	-.08	-.19
APPLYING	2.79	3.00	2.99	.12	.02	.01	.87	.86	.86	204	7,771	39,047	.001	.001	-.25	-.23
READASGN	3.35	3.44	3.48	.12	.02	.01	.90	.94	.98	204	7,666	38,569	.166	.045	-.09	-.13
READOWN	1.80	1.97	2.03	.10	.02	.01	.75	.86	.89	205	7,674	38,618	.002	.000	-.20	-.25

^a The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



National Survey of Student Engagement

The College Student Report

**NSSE 2002 Detailed Statistics
Western Michigan U First-Year Students**

	Mean			Margin of error (95% level) ^a			Standard deviation ^b			Number of respondents			Significance ^c		Effect size ^d	
	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	<i>Western Michigan U compared with</i>			
													Doc-Ext	NSSE 2002	Doc-Ext	NSSE 2002
WRITEMOR	1.25	1.18	1.21	.08	.01	.01	.57	.53	.59	204	7,671	38,565	.073	.319	.14	.07
WRITEMID	2.40	2.37	2.47	.11	.02	.01	.84	.88	.90	205	7,669	38,581	.556	.275	.04	-.07
WRITESML	3.40	3.19	3.32	.14	.02	.01	1.04	1.07	1.08	205	7,674	38,601	.004	.225	.20	.08
EXAMS	5.40	5.60	5.59	.14	.02	.01	1.05	1.07	1.08	205	7,681	38,624	.007	.009	-.19	-.18
ADVISE	2.66	2.81	2.91	.12	.02	.01	.85	.88	.87	204	7,669	38,580	.015	.000	-.17	-.30
INTERN	.96	.96	.94	.03	.00	.00	.19	.20	.23	167	6,591	32,250	.779	.173	.02	.09
VOLUNTER	.85	.90	.89	.06	.01	.00	.35	.30	.31	151	6,185	30,894	.107	.235	-.16	-.11
LEARNCOM	.46	.50	.52	.09	.01	.01	.50	.50	.50	109	4,736	22,170	.359	.238	-.09	-.11
RESEARCH	.39	.55	.51	.09	.02	.01	.49	.50	.50	113	3,953	20,055	.001	.009	-.32	-.25
FORLANG	.40	.58	.62	.08	.01	.01	.49	.49	.49	154	5,953	29,971	.000	.000	-.36	-.45
STUDYABR	.47	.56	.56	.09	.01	.01	.50	.50	.50	129	5,042	25,632	.041	.038	-.19	-.19
INDSTUDY	.20	.21	.28	.07	.01	.01	.40	.41	.45	123	4,847	23,800	.742	.017	-.03	-.19
SENIORX	.60	.71	.77	.10	.01	.01	.49	.45	.42	101	3,829	21,471	.036	.001	-.23	-.38
ACADPR01	3.67	4.17	4.16	.21	.04	.02	1.52	1.72	1.74	205	7,663	38,548	.000	.000	-.29	-.28
WORKON01	1.45	1.51	1.62	.15	.03	.01	1.10	1.18	1.22	205	7,668	38,555	.508	.029	-.04	-.14
WORKOF01	1.87	1.87	2.33	.23	.04	.02	1.66	1.79	2.19	205	7,663	38,509	.958	.000	.00	-.21
COCURR01	1.75	2.09	2.10	.18	.03	.01	1.28	1.37	1.40	205	7,662	38,549	.000	.000	-.25	-.25
SOCIAL01	4.73	4.38	4.11	.26	.04	.02	1.88	1.83	1.82	205	7,659	38,536	.008	.000	.19	.34
CAREDE01	1.31	1.30	1.57	.14	.02	.01	.99	1.00	1.46	204	7,652	38,537	.815	.000	.02	-.17
COMMUTE	1.89	1.88	1.80	.12	.02	.01	.88	.98	1.03	205	7,661	38,503	.931	.158	.01	.09
GNGENLED	3.03	3.07	3.11	.09	.02	.01	.68	.78	.78	204	7,621	38,430	.446	.126	-.05	-.09
GNWORK	2.36	2.48	2.53	.13	.02	.01	.96	.94	.95	204	7,612	38,391	.086	.014	-.12	-.18
GNWRITE	2.77	2.72	2.87	.12	.02	.01	.85	.89	.86	204	7,622	38,429	.398	.096	.06	-.11

^a The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

GNSPEAK	2.41	2.40	2.61	.13	.02	.01	.91	.94	.92	204	7,618	38,410	.798	.002	.02	-.22
GNANALY	2.94	3.08	3.12	.11	.02	.01	.79	.80	.80	204	7,622	38,428	.013	.002	-.17	-.22
GNQUANT	2.43	2.67	2.62	.11	.02	.01	.78	.89	.90	204	7,612	38,378	.000	.001	-.27	-.21
GNCMPTS	2.74	2.71	2.70	.13	.02	.01	.95	.97	.97	204	7,623	38,436	.625	.522	.03	.04
GNOTHERS	2.75	2.70	2.81	.12	.02	.01	.88	.89	.88	203	7,619	38,417	.407	.357	.06	-.07
GNCITIZN	1.35	1.52	1.55	.09	.02	.01	.65	.81	.83	203	7,606	38,362	.001	.000	-.21	-.23



National Survey of Student Engagement

The College Student Report

NSSE 2002 Detailed Statistics Western Michigan U First-Year Students

	Mean			Margin of error (95% level) ^a			Standard deviation ^b			Number of respondents			Significance ^c		Effect size ^d	
	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	<i>Western Michigan U compared with</i>			
													Doc-Ext	NSSE 2002	Doc-Ext	NSSE 2002
GNINQ	2.81	3.00	2.95	.11	.02	.01	.83	.85	.85	204	7,613	38,396	.001	.020	-.22	-.16
GNSELF	2.83	2.85	2.87	.13	.02	.01	.94	.94	.94	204	7,616	38,384	.758	.625	-.02	-.03
GNDIVERS	2.65	2.62	2.61	.13	.02	.01	.94	.96	.98	204	7,615	38,408	.642	.524	.03	.04
GNPROBSV	2.48	2.46	2.48	.12	.02	.01	.90	.92	.92	204	7,616	38,412	.859	.946	.01	.00
GNETHICS	2.67	2.60	2.63	.14	.02	.01	1.03	1.01	1.01	204	7,617	38,409	.385	.620	.06	.04
GNCOMMUN	1.87	2.12	2.16	.12	.02	.01	.88	.94	.96	204	7,615	38,398	.000	.000	-.26	-.30
ENVSCHOL	2.81	3.07	3.13	.11	.02	.01	.77	.79	.78	203	7,618	38,430	.000	.000	-.34	-.42
ENVSUPRT	2.63	2.88	3.01	.12	.02	.01	.85	.83	.84	203	7,616	38,414	.000	.000	-.31	-.45
ENVDIVRS	2.28	2.52	2.56	.13	.02	.01	.92	.98	1.00	203	7,618	38,401	.000	.000	-.25	-.28
ENVNACAD	1.82	1.99	2.10	.12	.02	.01	.85	.91	.94	203	7,612	38,389	.006	.000	-.18	-.30
ENVSOCAL	2.23	2.32	2.31	.12	.02	.01	.87	.94	.94	203	7,604	38,355	.148	.155	-.10	-.09
ENVEVENT	2.60	2.78	2.77	.13	.02	.01	.94	.92	.96	203	7,616	38,394	.008	.013	-.19	-.17
ENVSTU	5.59	5.70	5.66	.19	.03	.01	1.38	1.27	1.31	204	7,627	38,455	.276	.464	-.08	-.05
ENVFAC	4.83	5.12	5.39	.16	.03	.01	1.19	1.22	1.23	203	7,629	38,450	.001	.000	-.24	-.45
ENVADM	4.51	4.69	4.88	.20	.03	.01	1.48	1.45	1.48	204	7,613	38,421	.093	.001	-.12	-.25
ENTIREXP	2.97	3.17	3.19	.10	.02	.01	.70	.68	.70	203	7,628	38,464	.000	.000	-.30	-.31
SAMECOLL	3.07	3.24	3.17	.12	.02	.01	.88	.79	.83	204	7,623	38,425	.007	.093	-.22	-.13

^a The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



National Survey of Student Engagement

The College Student Report

NSSE 2002 Descriptive Statistics Western Michigan U Seniors

	Mean			Margin of error (95% level) ^a			Standard deviation ^b			Number of respondents			Significance ^c		Effect size ^d	
	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	<i>Western Michigan U compared with</i>			
													Doc-Ext	NSSE 2002	Doc-Ext	NSSE 2002
CLQUEST	2.98	2.89	3.10	.13	.02	.01	.87	.88	.85	183	7,357	40,900	.161	.070	.10	-.14
CLPRESEN	2.82	2.63	2.81	.13	.02	.01	.87	.85	.84	183	7,353	40,876	.003	.891	.23	.01
REWROPAP	2.38	2.39	2.50	.14	.02	.01	.96	.98	.98	183	7,345	40,848	.815	.086	-.02	-.12
INTEGRAT	3.19	3.24	3.33	.11	.02	.01	.79	.77	.73	183	7,349	40,871	.435	.019	-.06	-.19
DIVCLASS	2.66	2.60	2.73	.13	.02	.01	.91	.94	.91	183	7,341	40,826	.445	.277	.06	-.08
CLUNPREP	2.13	2.26	2.11	.11	.02	.01	.77	.80	.74	183	7,340	40,798	.028	.771	-.16	.02
CLASSGRP	2.58	2.38	2.45	.13	.02	.01	.87	.87	.85	183	7,345	40,836	.002	.047	.23	.15
OCCGRP	2.75	2.78	2.72	.13	.02	.01	.87	.91	.88	183	7,350	40,873	.596	.636	-.04	.03
INTIDEAS	2.87	2.83	2.82	.12	.02	.01	.82	.82	.81	183	7,342	40,824	.489	.452	.05	.06
TUTOR	1.79	1.80	1.85	.14	.02	.01	.94	.92	.95	183	7,339	40,850	.889	.335	-.01	-.07
COMMPROJ	1.54	1.49	1.59	.11	.02	.01	.78	.77	.82	183	7,336	40,811	.396	.333	.06	-.07
ITACADEM	2.79	2.82	2.76	.14	.02	.01	.99	1.02	1.03	182	7,344	40,864	.636	.773	-.03	.02
EMAIL	3.03	3.21	3.07	.12	.02	.01	.82	.83	.88	183	7,343	40,852	.004	.540	-.22	-.04
FACGRADE	2.74	2.74	2.81	.13	.02	.01	.87	.87	.85	183	7,348	40,858	.935	.282	-.01	-.08
FACPLANS	2.26	2.31	2.45	.12	.02	.01	.82	.94	.96	183	7,342	40,847	.383	.001	-.06	-.21
FACIDEAS	1.92	1.96	2.09	.12	.02	.01	.84	.84	.86	183	7,348	40,848	.558	.008	-.04	-.19
FACFEED	2.70	2.67	2.81	.11	.02	.01	.76	.80	.80	183	7,342	40,851	.516	.070	.05	-.13
WORKHARD	2.54	2.58	2.68	.11	.02	.01	.78	.85	.84	183	7,342	40,820	.489	.017	-.05	-.16
FACOTHER	1.68	1.68	1.81	.13	.02	.01	.93	.88	.94	183	7,338	40,803	.969	.048	.00	-.15
OOCIDEAS	2.79	2.83	2.86	.11	.02	.01	.78	.83	.83	183	7,345	40,822	.471	.200	-.05	-.09
DIVRSTUD	2.40	2.64	2.58	.14	.02	.01	.93	.98	.99	182	7,332	40,757	.001	.008	-.25	-.19
DIFFSTU2	2.47	2.68	2.64	.13	.02	.01	.92	.95	.95	183	7,334	40,779	.003	.014	-.22	-.18
MEMORIZE	2.75	2.82	2.75	.14	.02	.01	.98	.93	.93	183	7,344	40,841	.392	.903	-.07	.01
ANALYZE	3.16	3.25	3.27	.11	.02	.01	.77	.76	.74	183	7,345	40,824	.121	.057	-.12	-.15
SYNTHESZ	2.89	2.99	3.05	.12	.02	.01	.81	.87	.84	183	7,338	40,804	.092	.006	-.12	-.20
EVALUATE	2.86	2.86	2.93	.12	.02	.01	.85	.90	.89	183	7,338	40,801	.940	.269	.01	-.08

^a The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

APPLYING	3.06	3.14	3.17	.13	.02	.01	.87	.87	.84	183	7,338	40,821	.203	.089	-.10	-.13
READASGN	3.13	3.28	3.32	.14	.02	.01	.95	1.02	1.04	182	7,271	40,457	.030	.006	-.15	-.19
READOWN	2.19	2.21	2.21	.15	.02	.01	1.00	.98	.99	182	7,269	40,504	.784	.795	-.02	-.02



National Survey of Student Engagement

The College Student Report

NSSE 2002 Descriptive Statistics Western Michigan U Seniors

	Mean			Margin of error (95% level) ^a			Standard deviation ^b			Number of respondents			Significance ^c		Effect size ^d	
	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	<i>Western Michigan U compared with</i>			
													Doc-Ext	NSSE 2002	Doc-Ext	NSSE 2002
WRITEMOR	1.55	1.62	1.65	.10	.02	.01	.72	.76	.75	183	7,269	40,483	.182	.043	-.09	-.14
WRITEMID	2.48	2.60	2.69	.12	.02	.01	.86	.96	.97	183	7,268	40,484	.046	.001	-.13	-.22
WRITESML	3.33	3.08	3.12	.17	.03	.01	1.19	1.18	1.19	183	7,274	40,502	.006	.019	.21	.17
EXAMS	5.31	5.40	5.52	.17	.03	.01	1.16	1.20	1.17	182	7,275	40,490	.308	.017	-.07	-.18
ADVISE	2.61	2.64	2.86	.12	.02	.01	.86	.98	.95	183	7,274	40,490	.664	.000	-.03	-.26
INTERN	.80	.76	.76	.06	.01	.00	.40	.43	.43	174	6,722	37,796	.114	.136	.11	.11
VOLUNTER	.63	.69	.69	.07	.01	.00	.48	.46	.46	164	6,529	36,643	.125	.102	-.13	-.13
LEARNCOM	.29	.25	.26	.07	.01	.00	.45	.43	.44	159	6,510	35,762	.243	.366	.10	.08
RESEARCH	.23	.30	.28	.07	.01	.00	.42	.46	.45	159	6,386	35,807	.039	.191	-.15	-.10
FORLANG	.30	.44	.44	.07	.01	.01	.46	.50	.50	169	6,825	37,907	.000	.000	-.28	-.28
STUDYABR	.15	.18	.20	.05	.01	.00	.35	.38	.40	171	6,778	37,715	.215	.070	-.09	-.12
INDSTUDY	.22	.27	.31	.06	.01	.00	.42	.44	.46	165	6,743	37,544	.175	.007	-.10	-.19
SENIORX	.50	.52	.63	.08	.01	.00	.50	.50	.48	158	6,608	37,052	.550	.002	-.05	-.26
ACADPR01	3.77	4.16	4.16	.25	.04	.02	1.73	1.83	1.81	181	7,261	40,421	.003	.003	-.21	-.22
WORKON01	1.76	1.98	1.88	.24	.04	.02	1.66	1.71	1.55	181	7,275	40,455	.090	.340	-.12	-.08
WORKOF01	4.31	3.29	3.65	.38	.06	.03	2.62	2.61	2.76	180	7,254	40,389	.000	.001	.39	.24
COCURR01	1.81	2.02	2.04	.19	.03	.01	1.31	1.39	1.42	180	7,264	40,454	.032	.019	-.15	-.16
SOCIAL01	3.91	3.95	3.75	.27	.04	.02	1.83	1.73	1.68	180	7,260	40,443	.790	.234	-.02	.10
CAREDE01	2.11	1.91	2.24	.33	.04	.02	2.24	1.92	2.24	182	7,262	40,448	.234	.449	.10	-.06
COMMUTE	2.19	2.13	2.06	.13	.02	.01	.93	.96	1.04	182	7,260	40,478	.413	.054	.06	.13
GNGENLED	3.07	3.17	3.26	.12	.02	.01	.83	.79	.78	183	7,253	40,451	.085	.002	-.14	-.25
GNWORK	3.04	2.94	3.00	.12	.02	.01	.85	.94	.92	183	7,249	40,421	.119	.496	.11	.05
GNWRITE	2.90	2.94	3.06	.12	.02	.01	.80	.86	.83	183	7,255	40,461	.536	.009	-.04	-.19

^a The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

GNSPEAK	2.77	2.81	2.96	.12	.02	.01	.79	.90	.86	182	7,252	40,450	.611	.002	-.03	-.21
GNANALY	3.11	3.28	3.33	.10	.02	.01	.71	.75	.74	183	7,256	40,471	.002	.000	-.22	-.29
GNQUANT	2.71	2.92	2.90	.12	.02	.01	.85	.90	.88	182	7,253	40,415	.002	.004	-.23	-.21
GNCMPTS	2.91	3.04	3.00	.12	.02	.01	.83	.91	.90	183	7,258	40,465	.042	.142	-.14	-.10
GNOTHERS	3.11	3.07	3.13	.12	.02	.01	.83	.87	.84	183	7,257	40,438	.522	.821	.05	-.02
GNCITIZN	1.62	1.70	1.76	.12	.02	.01	.82	.91	.94	183	7,249	40,397	.195	.018	-.09	-.15



National Survey of Student Engagement

The College Student Report

**NSSE 2002 Descriptive Statistics
Western Michigan U Seniors**

	Mean			Margin of error (95% level) ^a			Standard deviation ^b			Number of respondents			Significance ^c		Effect size ^d	
	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	Western Michigan U	Doc-Ext	NSSE 2002	<i>Western Michigan U compared with</i>			
													Doc-Ext	NSSE 2002	Doc-Ext	NSSE 2002
GNINQ	2.87	3.09	3.11	.13	.02	.01	.89	.86	.85	183	7,239	40,409	.001	.000	-.26	-.28
GNSELF	2.77	2.95	3.01	.14	.02	.01	.95	.95	.95	183	7,250	40,410	.011	.001	-.19	-.25
GNDIVERS	2.63	2.65	2.67	.14	.02	.01	.94	1.00	1.00	183	7,248	40,426	.770	.552	-.02	-.04
GNPROBSV	2.50	2.70	2.70	.12	.02	.01	.86	.94	.93	183	7,248	40,432	.003	.002	-.21	-.21
GNETHICS	2.53	2.65	2.73	.15	.02	.01	1.02	1.03	1.03	182	7,248	40,437	.117	.008	-.12	-.20
GNCOMMUN	2.14	2.25	2.35	.14	.02	.01	.95	.99	1.00	183	7,249	40,428	.104	.003	-.12	-.21
ENVSCHOL	2.84	3.02	3.11	.12	.02	.01	.85	.80	.78	183	7,252	40,460	.004	.000	-.23	-.35
ENVSUPRT	2.60	2.65	2.87	.12	.02	.01	.83	.88	.87	183	7,245	40,443	.416	.000	-.06	-.30
ENVDIVRS	2.22	2.29	2.38	.14	.02	.01	.95	.99	.99	183	7,247	40,403	.352	.021	-.07	-.17
ENVNACAD	1.67	1.78	1.92	.12	.02	.01	.81	.87	.92	183	7,242	40,404	.084	.000	-.12	-.27
ENVSOCAL	1.92	2.05	2.10	.13	.02	.01	.87	.92	.93	183	7,233	40,352	.048	.005	-.14	-.20
ENVEVENT	2.30	2.51	2.51	.14	.02	.01	.94	.96	.97	183	7,242	40,397	.004	.003	-.21	-.21
ENVSTU	5.68	5.65	5.70	.17	.03	.01	1.20	1.29	1.27	182	7,256	40,486	.742	.857	.02	-.01
ENVFAC	5.31	5.24	5.55	.17	.03	.01	1.15	1.29	1.26	183	7,259	40,491	.455	.004	.05	-.19
ENVADM	4.53	4.35	4.57	.22	.04	.02	1.54	1.66	1.66	182	7,251	40,465	.120	.713	.11	-.03
ENTIREXP	3.08	3.16	3.24	.10	.02	.01	.68	.71	.71	182	7,258	40,479	.114	.001	-.11	-.23
SAMECOLL	3.10	3.14	3.13	.12	.02	.01	.79	.85	.85	181	7,254	40,449	.603	.618	-.04	-.03

^a The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

^b Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^d Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

Western Michigan U
IPEDS#: 172699