



## NSSE 2009 Grand Means Means and Standard Deviations by Major SENIOR STUDENTS

	Variable	Arts & Humanities		Biological Sciences		Business		Education		Engineering		Physical Science		Professional		Social Science		NSSE 2009		
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
1a.	Asked questions in class or contributed to class discussions	CLQUEST	3.30	.80	2.93	.88	3.10	.85	3.34	.78	2.82	.87	3.06	.88	3.11	.86	3.16	.86	3.13	.85
1b.	Made a class presentation	CLPRESEN	2.71	.84	2.51	.84	3.00	.88	3.12	.80	2.61	.84	2.38	.83	2.83	.90	2.65	.83	2.78	.88
1c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	2.49	1.00	2.39	.96	2.54	.96	2.59	.98	2.32	.92	2.30	.96	2.62	.98	2.47	.99	2.49	.98
1d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	3.42	.72	3.23	.78	3.33	.72	3.37	.71	3.19	.79	3.05	.85	3.41	.71	3.48	.68	3.34	.74
1e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	3.04	.87	2.56	.92	2.79	.90	3.09	.84	2.20	.92	2.36	.93	2.96	.88	3.15	.84	2.84	.93
1f.	Come to class without completing readings or assignments	CLUNPREP	2.10	.79	2.11	.79	2.12	.80	2.04	.79	2.22	.81	2.15	.79	2.08	.81	2.15	.80	2.12	.80
1g.	Worked with other students on projects <b>during class</b>	CLASSGRP	2.43	.87	2.37	.86	2.66	.91	2.82	.89	2.51	.94	2.32	.88	2.60	.93	2.41	.85	2.55	.90
1h.	Worked with classmates <b>outside of class</b> to prepare class assignments	OCCGRP	2.42	.87	2.69	.87	3.06	.89	2.76	.87	3.30	.82	2.76	.90	2.84	.91	2.51	.86	2.76	.92
1i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	2.97	.83	2.89	.80	2.95	.79	2.99	.81	3.05	.79	2.87	.85	3.01	.83	2.98	.82	2.96	.81
1j.	Tutored or taught other students (paid or voluntary)	TUTOR	1.84	.96	2.13	1.01	1.73	.87	2.07	1.06	2.17	.95	2.47	1.09	1.76	.87	1.74	.90	1.86	.95
1k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	1.57	.82	1.60	.83	1.57	.80	2.08	1.00	1.45	.75	1.48	.77	2.12	1.02	1.74	.93	1.70	.90
1l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	2.76	1.02	2.79	1.03	2.93	.98	2.96	.97	2.83	1.03	2.68	1.02	3.03	1.00	2.77	1.02	2.87	1.01
1m.	Used e-mail to communicate with an instructor	EMAIL	3.46	.70	3.37	.75	3.39	.74	3.54	.66	3.27	.78	3.30	.78	3.52	.68	3.44	.72	3.42	.73
1n.	Discussed grades or assignments with an instructor	FACGRADE	2.83	.87	2.79	.87	2.77	.87	2.96	.86	2.73	.86	2.82	.88	2.93	.86	2.82	.88	2.83	.87
1o.	Talked about career plans with a faculty member or advisor	FACPLANS	2.48	.97	2.54	.94	2.27	.95	2.58	.95	2.29	.92	2.54	.96	2.48	.94	2.43	.97	2.42	.96
1p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	2.25	.95	2.13	.91	1.95	.90	2.11	.94	2.03	.87	2.23	.94	2.10	.92	2.12	.94	2.08	.92
1q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	2.92	.79	2.71	.83	2.78	.82	2.96	.78	2.59	.82	2.78	.81	2.88	.81	2.84	.80	2.81	.81



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	Variable	Arts & Humanities		Biological Sciences		Business		Education		Engineering		Physical Science		Professional		Social Science		NSSE 2009		
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
1r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	2.74	.87	2.68	.87	2.74	.84	2.89	.84	2.67	.88	2.63	.90	2.91	.84	2.69	.86	2.74	.86
1s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	1.86	.97	1.91	.98	1.71	.92	1.83	.96	1.86	.94	1.95	.99	1.83	.94	1.83	.98	1.82	.95
1t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	3.06	.84	2.94	.84	2.82	.85	2.92	.85	2.77	.83	2.83	.87	2.97	.83	3.05	.84	2.91	.85
1u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	2.82	.98	2.79	.99	2.62	1.00	2.65	.99	2.73	.99	2.68	1.00	2.70	.99	2.83	.98	2.71	.99
1v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	2.92	.94	2.84	.95	2.65	.98	2.71	.97	2.77	.96	2.78	.97	2.73	.96	2.89	.94	2.76	.96
2a.	Coursework emphasizes: <b>Memorizing</b> facts, ideas, or methods from your courses and readings	MEMORIZE	2.59	.95	3.17	.83	2.82	.87	2.64	.93	2.56	.91	2.73	.93	2.92	.94	2.78	.91	2.77	.92
2b.	Coursework emphasizes: <b>Analyzing</b> the basic elements of an idea, experience, or theory	ANALYZE	3.31	.76	3.32	.73	3.26	.72	3.19	.75	3.41	.71	3.38	.73	3.40	.71	3.35	.71	3.29	.74
2c.	Coursework emphasizes: <b>Synthesizing</b> and organizing ideas, information, or experiences	SYNTHESEZ	3.18	.83	3.11	.84	2.96	.83	3.15	.78	3.08	.85	3.11	.85	3.26	.79	3.12	.82	3.09	.83
2d.	Coursework emphasizes: <b>Making judgments</b> about the value of information, arguments, or methods	EVALUATE	3.06	.87	2.95	.88	3.01	.85	3.08	.84	2.96	.91	2.88	.91	3.22	.84	3.11	.84	3.04	.86
2e.	Coursework emphasizes: <b>Applying</b> theories or concepts to practical problems or in new situations	APPLYING	3.11	.87	3.21	.82	3.22	.79	3.34	.77	3.44	.75	3.30	.83	3.46	.73	3.22	.82	3.25	.81
3a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	3.51	1.10	3.13	.99	3.12	.98	3.19	1.06	2.80	.94	2.94	.95	3.18	1.04	3.44	1.02	3.19	1.04
3b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	2.44	1.04	2.20	.98	2.12	.93	2.29	1.02	2.08	.93	2.25	1.00	2.10	.94	2.25	.97	2.21	.98
3c.	Number of written papers or reports of <b>20 pages or more</b>	WRITEMOR	1.57	.76	1.55	.77	1.70	.80	1.62	.82	1.83	.85	1.54	.79	1.60	.80	1.70	.80	1.64	.80
3d.	Number of written papers or reports <b>between 5 and 19 pages</b>	WRITEMID	2.69	.98	2.46	.94	2.52	.92	2.54	.97	2.47	.99	2.33	.99	2.43	.92	2.77	.92	2.55	.95
3e.	Number of written papers or reports of <b>fewer than 5 pages</b>	WRITESML	3.06	1.14	2.90	1.13	3.03	1.14	3.26	1.18	2.79	1.14	2.78	1.17	2.86	1.14	3.05	1.14	3.00	1.15
4a.	Number of problem sets that take you <b>more</b> than an hour to complete	PROBSETA	2.35	1.25	2.61	1.21	2.74	1.15	2.56	1.22	3.31	1.11	3.05	1.19	2.66	1.25	2.33	1.16	2.61	1.21

\* Results weighted by gender, enrollment, and institution size. Students from US schools only. NSSE 2009 includes students with "Other" and "Undecided" majors.



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Variable	Arts & Humanities		Biological Sciences		Business		Education		Engineering		Physical Science		Professional		Social Science		NSSE 2009		
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
4b. Number of problem sets that take you <b>less</b> than an hour to complete	PROBSETB	2.09	1.16	2.31	1.21	2.67	1.25	2.46	1.24	2.15	1.19	2.23	1.24	2.29	1.20	2.16	1.16	2.34	1.22
5. Select the circle that best represents the extent to which your examinations during the current school year challenged you to do your best work	EXAMS	5.29	1.29	5.67	1.15	5.52	1.17	5.37	1.30	5.61	1.18	5.54	1.26	5.79	1.19	5.37	1.22	5.47	1.23
6a. Attended an art exhibit, play, dance, music, theater, or other performance	ATDART07	2.60	1.02	2.01	.85	1.89	.83	2.11	.94	1.81	.79	1.96	.85	1.86	.81	2.08	.87	2.05	.91
6b. Exercised or participated in physical fitness activities	EXRCSE05	2.63	1.03	2.88	1.01	2.76	1.06	2.60	1.03	2.85	1.00	2.73	1.04	2.67	1.02	2.71	1.04	2.73	1.04
6c. Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	2.13	1.16	2.10	1.13	2.13	1.12	2.38	1.18	2.04	1.12	2.01	1.12	2.31	1.13	2.09	1.12	2.15	1.14
6d. Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	2.92	.87	2.69	.88	2.64	.88	2.75	.88	2.55	.90	2.64	.90	2.73	.86	2.90	.88	2.74	.89
6e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	3.02	.83	2.84	.85	2.81	.85	2.89	.83	2.67	.88	2.73	.89	2.88	.82	3.08	.82	2.88	.85
6f. Learned something that changed the way you understand an issue or concept	CHNGVIEW	3.04	.81	2.90	.82	2.87	.81	2.95	.81	2.75	.83	2.83	.84	2.94	.80	3.06	.81	2.93	.82
7a. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	0.45	.50	0.55	.50	0.44	.50	0.70	.46	0.65	.48	0.49	.50	0.59	.49	0.50	.50	0.53	.50
7b. Community service or volunteer work	VOLNTR04	0.56	.50	0.70	.46	0.55	.50	0.66	.47	0.58	.49	0.56	.50	0.63	.48	0.64	.48	0.60	.49
7c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	0.22	.42	0.25	.43	0.21	.41	0.41	.49	0.27	.44	0.22	.41	0.38	.49	0.24	.43	0.26	.44
7d. Work on a research project with a faculty member outside of course or program requirements	RESRCH04	0.18	.38	0.41	.49	0.10	.30	0.13	.33	0.28	.45	0.41	.49	0.15	.36	0.24	.43	0.19	.40
7e. Foreign language coursework	FORLNG04	0.57	.50	0.53	.50	0.33	.47	0.32	.47	0.27	.44	0.49	.50	0.30	.46	0.55	.50	0.41	.49
7f. Study abroad	STDABR04	0.24	.43	0.17	.37	0.15	.35	0.09	.28	0.11	.31	0.14	.35	0.11	.31	0.20	.40	0.15	.36
7g. Independent study or self-designed major	INDSTD04	0.25	.43	0.21	.41	0.12	.32	0.13	.33	0.14	.35	0.24	.42	0.14	.35	0.21	.40	0.17	.38
7h. Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	0.38	.48	0.33	.47	0.34	.48	0.26	.44	0.49	.50	0.33	.47	0.25	.44	0.35	.48	0.34	.47
8a. Quality of relationships with <b>other students</b>	ENVSTU	5.44	1.38	5.55	1.33	5.64	1.26	5.84	1.23	5.68	1.22	5.52	1.38	5.78	1.25	5.43	1.38	5.60	1.31

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	Variable	Arts & Humanities		Biological Sciences		Business		Education		Engineering		Physical Science		Professional		Social Science		NSSE 2009		
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
8b.	Quality of relationships with <b>faculty members</b>	ENVFAC	5.59	1.27	5.31	1.37	5.38	1.31	5.56	1.31	5.15	1.39	5.48	1.36	5.40	1.38	5.45	1.31	5.43	1.33
8c.	Quality of relationships with <b>administrative personnel and offices</b>	ENVADM	4.42	1.69	4.47	1.62	4.75	1.64	4.70	1.68	4.67	1.62	4.55	1.66	4.68	1.64	4.47	1.69	4.61	1.66
9a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	4.45	1.79	4.63	1.78	3.90	1.61	4.22	1.72	4.96	1.89	4.71	1.85	4.57	1.88	4.04	1.64	4.24	1.75
9b.	Working for pay <b>on campus</b>	WORKON01	2.01	1.71	2.08	1.64	1.66	1.50	1.60	1.39	1.90	1.55	2.26	1.69	1.54	1.32	1.88	1.64	1.83	1.60
9c.	Working for pay <b>off campus</b>	WORKOF01	3.31	2.63	2.85	2.40	4.46	2.95	3.80	2.69	2.81	2.49	2.76	2.40	4.06	2.77	3.60	2.76	3.73	2.80
9d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	2.10	1.55	2.34	1.59	2.13	1.60	1.92	1.49	2.38	1.59	2.17	1.52	1.78	1.28	2.14	1.58	2.11	1.57
9e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05	3.55	1.53	3.52	1.51	3.63	1.58	3.32	1.47	3.60	1.54	3.61	1.57	3.24	1.39	3.61	1.56	3.53	1.54
9f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	2.11	2.07	1.97	1.85	2.58	2.39	3.15	2.73	1.91	1.81	2.06	2.00	2.95	2.58	2.38	2.32	2.46	2.34
9g.	Commuting to class (driving, walking, etc.)	COMMUTE	2.33	.97	2.40	1.01	2.33	1.03	2.57	1.21	2.39	.96	2.37	1.00	2.44	1.13	2.36	1.03	2.39	1.06
10a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	3.07	.79	3.24	.76	3.12	.76	3.10	.77	3.27	.73	3.13	.78	3.34	.73	3.08	.79	3.13	.77
10b.	Providing the support you need to help you succeed academically	ENVSUPRT	2.92	.85	2.93	.86	2.97	.83	2.98	.84	2.88	.84	2.92	.85	2.99	.85	2.94	.85	2.94	.85
10c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	2.54	1.00	2.50	1.00	2.57	1.00	2.63	.98	2.35	.98	2.43	.99	2.63	.99	2.58	1.01	2.55	1.00
10d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	1.95	.93	1.98	.93	2.03	.96	2.06	.98	1.86	.87	1.94	.89	2.05	.98	2.00	.95	2.00	.95
10e.	Providing the support you need to thrive socially	ENVSOCAL	2.20	.93	2.25	.93	2.27	.94	2.30	.96	2.09	.89	2.17	.91	2.23	.96	2.24	.95	2.24	.94
10f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	2.74	.94	2.74	.92	2.61	1.00	2.58	.98	2.59	.92	2.65	.94	2.50	.99	2.70	.95	2.64	.97
10g.	Using computers in academic work	ENVCOMPT	3.42	.77	3.46	.73	3.49	.74	3.50	.72	3.60	.65	3.37	.78	3.53	.72	3.44	.77	3.48	.74
11a.	Acquiring a broad general education	GNGENLED	3.27	.80	3.27	.79	3.30	.77	3.27	.79	3.03	.85	3.13	.85	3.21	.83	3.36	.76	3.26	.80
11b.	Acquiring job or work-related knowledge and skills	GNWORK	2.82	.97	2.86	.94	3.18	.86	3.37	.80	3.19	.85	2.91	.93	3.34	.84	2.84	.96	3.07	.92

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		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
11c. Writing clearly and effectively	GNWRITE	3.22	.86	3.01	.85	3.12	.82	3.16	.84	2.86	.88	2.85	.90	3.10	.86	3.22	.82	3.11	.85
11d. Speaking clearly and effectively	GNSPEAK	2.99	.92	2.86	.92	3.09	.86	3.11	.87	2.81	.90	2.72	.94	3.02	.89	3.01	.90	3.00	.90
11e. Thinking critically and analytically	GNANALY	3.38	.76	3.36	.75	3.32	.75	3.35	.74	3.48	.71	3.38	.78	3.46	.71	3.42	.73	3.37	.75
11f. Analyzing quantitative problems	GNQUANT	2.72	.96	3.24	.78	3.19	.80	3.00	.89	3.56	.66	3.45	.74	3.16	.84	3.00	.89	3.08	.88
11g. Using computing and information technology	GNCMPTS	3.00	.93	3.12	.84	3.30	.79	3.24	.83	3.51	.70	3.20	.84	3.27	.84	3.07	.89	3.21	.85
11h. Working effectively with others	GNOTHERS	3.00	.89	3.04	.86	3.30	.79	3.32	.79	3.23	.81	2.94	.90	3.29	.81	3.07	.87	3.17	.85
11i. Voting in local, state, or national elections	GNCITIZN	2.40	1.08	2.36	1.06	2.27	1.07	2.33	1.08	2.03	1.00	2.17	1.04	2.28	1.08	2.58	1.10	2.34	1.09
11j. Learning effectively on your own	GNINQ	3.04	.90	3.10	.87	3.04	.87	3.05	.88	3.05	.86	3.00	.89	3.12	.88	3.09	.88	3.06	.88
11k. Understanding yourself	GNSELF	2.88	1.00	2.79	1.00	2.80	.98	2.88	.98	2.59	1.01	2.65	1.02	2.86	.98	2.96	.98	2.83	1.00
11l. Understanding people of other racial and ethnic backgrounds	GNDIVERS	2.70	.98	2.58	.98	2.64	.98	2.80	.95	2.33	.96	2.41	1.00	2.74	.97	2.86	.97	2.67	.99
11m. Solving complex real-world problems	GNPROBSV	2.62	.97	2.72	.93	2.86	.92	2.80	.94	3.09	.89	2.80	.95	2.88	.94	2.82	.95	2.81	.94
11n. Developing a personal code of values and ethics	GNETHICS	2.66	1.06	2.61	1.03	2.79	1.00	2.78	1.02	2.58	1.03	2.44	1.06	2.84	1.01	2.79	1.04	2.72	1.03
11o. Contributing to the welfare of your community	GNCOMMUN	2.42	1.03	2.51	1.00	2.43	1.00	2.58	1.00	2.25	.98	2.27	1.00	2.75	1.00	2.65	1.03	2.50	1.02
11p. Developing a deepened sense of spirituality	GNSPIRIT	1.92	1.10	1.91	1.07	1.98	1.09	2.06	1.11	1.71	.98	1.77	1.03	2.10	1.12	1.99	1.11	1.96	1.09
12. Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	2.85	.96	2.84	.95	2.92	.92	2.91	.95	2.88	.93	2.93	.93	2.90	.92	2.86	.95	2.89	.94
13. How would you evaluate your entire educational experience at this institution?	ENTIREXP	3.21	.75	3.20	.75	3.25	.72	3.26	.72	3.18	.76	3.17	.77	3.20	.74	3.24	.73	3.22	.74
14. If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	3.15	.88	3.16	.86	3.22	.84	3.28	.82	3.20	.83	3.17	.88	3.20	.85	3.19	.86	3.20	.85

\* Results weighted by gender, enrollment, and institution size. Students from US schools only. NSSE 2009 includes students with "Other" and "Undecided" majors.