



		First-Year Students																	
		Arts and Humanities		Biological Sciences		Business		Education		Engineering		Physical Science		Professional		Social Science		Undecided	
<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Asked questions in class or contributed to class discussions	clquest	2.94	0.83	2.73	0.84	2.73	0.83	2.81	0.83	2.58	0.80	2.78	0.84	2.71	0.83	2.87	0.85	2.56	0.81
Made a class presentation	clpresen	2.29	0.79	2.08	0.75	2.28	0.81	2.33	0.80	2.08	0.72	2.04	0.71	2.21	0.83	2.19	0.77	2.10	0.72
Prepared two or more drafts of a paper or assignment before turning it in	rewropap	2.57	0.98	2.61	0.99	2.71	0.97	2.73	0.98	2.48	0.96	2.51	0.98	2.79	0.97	2.62	1.00	2.56	0.98
Worked on a paper or project that required integrating ideas or information from various sources	integrat	3.07	0.79	3.02	0.81	3.05	0.78	3.09	0.77	2.88	0.80	2.92	0.81	3.08	0.80	3.12	0.79	2.95	0.78
Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	divclass	2.87	0.86	2.73	0.88	2.75	0.86	2.79	0.86	2.51	0.88	2.64	0.87	2.76	0.88	2.94	0.86	2.72	0.85
Come to class without completing readings or assignments	clunprep	2.03	0.74	1.97	0.76	1.99	0.76	1.97	0.74	2.06	0.75	2.01	0.76	1.89	0.75	2.04	0.76	2.09	0.75
Worked with other students on projects during class	classgrp	2.35	0.81	2.36	0.83	2.40	0.82	2.45	0.83	2.57	0.85	2.35	0.81	2.43	0.84	2.34	0.83	2.32	0.79
Worked with classmates outside of class to prepare class assignments	occgrp	2.28	0.84	2.52	0.87	2.35	0.87	2.35	0.86	2.78	0.88	2.42	0.86	2.39	0.88	2.29	0.83	2.19	0.80
Put together ideas or concepts from different courses when completing assignments or during class discussions	intideas	2.66	0.82	2.58	0.81	2.53	0.79	2.53	0.79	2.58	0.76	2.52	0.78	2.55	0.80	2.69	0.82	2.44	0.78



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<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Tutored or taught other students (paid or voluntary)	tutor	1.61	0.80	1.85	0.87	1.67	0.82	1.72	0.88	1.97	0.89	2.03	0.95	1.68	0.83	1.61	0.81	1.50	0.74
Participated in a community-based project (e.g., service learning) as part of a regular course	commproj	1.46	0.76	1.53	0.80	1.51	0.78	1.67	0.88	1.42	0.72	1.45	0.75	1.51	0.78	1.55	0.83	1.44	0.73
Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	itacadem	2.58	1.02	2.64	1.04	2.63	1.03	2.59	1.04	2.74	1.01	2.59	1.01	2.58	1.05	2.60	1.02	2.44	0.99
Used e-mail to communicate with an instructor	email	3.09	0.82	3.07	0.84	3.08	0.83	3.17	0.82	2.86	0.83	2.97	0.83	3.07	0.84	3.13	0.82	2.96	0.83
Discussed grades or assignments with an instructor	facgrade	2.59	0.85	2.57	0.88	2.58	0.87	2.63	0.86	2.42	0.83	2.48	0.85	2.59	0.87	2.60	0.88	2.42	0.83
Talked about career plans with a faculty member or advisor	facplans	2.13	0.89	2.21	0.88	2.06	0.87	2.29	0.88	2.02	0.84	2.16	0.87	2.23	0.88	2.13	0.90	1.95	0.80
Discussed ideas from your readings or classes with faculty members outside of class	facideas	1.92	0.88	1.85	0.87	1.80	0.86	1.82	0.88	1.76	0.83	1.85	0.87	1.80	0.86	1.88	0.89	1.71	0.79
Received prompt written or oral feedback from faculty on your academic performance	facfeed	2.69	0.81	2.58	0.84	2.59	0.83	2.65	0.82	2.44	0.83	2.58	0.83	2.58	0.84	2.65	0.83	2.51	0.79



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<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Worked harder than you thought you could to meet an instructor's standards or expectations	workhard	2.58	0.86	2.64	0.86	2.60	0.81	2.66	0.83	2.49	0.85	2.48	0.87	2.74	0.83	2.59	0.85	2.43	0.82
Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	facother	1.62	0.82	1.59	0.82	1.58	0.82	1.62	0.85	1.54	0.79	1.59	0.81	1.52	0.78	1.60	0.84	1.45	0.74
Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	oocideas	2.82	0.87	2.73	0.87	2.56	0.86	2.65	0.87	2.59	0.85	2.67	0.85	2.65	0.87	2.82	0.88	2.53	0.84
Had serious conversations with students of a different race or ethnicity than your own	divrstud	2.69	1.00	2.67	1.00	2.48	1.02	2.47	1.00	2.58	1.00	2.58	1.01	2.49	1.01	2.72	1.02	2.45	1.00
Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	diffstu2	2.86	0.95	2.75	0.97	2.58	0.98	2.61	0.98	2.67	0.96	2.72	0.96	2.58	0.97	2.88	0.96	2.59	0.95



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<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	memorize	2.77	0.88	3.03	0.85	2.87	0.84	2.87	0.85	2.74	0.85	2.80	0.85	3.09	0.84	2.84	0.87	2.80	0.86
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	3.14	0.77	3.18	0.75	3.02	0.77	3.01	0.79	3.14	0.76	3.16	0.75	3.10	0.78	3.16	0.77	2.95	0.79
Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	synthesz	2.89	0.83	2.98	0.82	2.80	0.82	2.81	0.83	2.89	0.83	2.91	0.83	2.90	0.85	2.91	0.83	2.71	0.83
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	2.87	0.87	2.87	0.86	2.84	0.85	2.83	0.85	2.78	0.86	2.79	0.86	2.87	0.87	2.93	0.85	2.71	0.85
Applying theories or concepts to practical problems or in new situations	applying	2.94	0.86	3.13	0.84	2.98	0.84	2.97	0.84	3.22	0.81	3.13	0.82	3.07	0.83	3.02	0.84	2.81	0.84
Mark the box that best represents the extent to which your examinations during the current school year challenged you to do your best work.	exams	5.24	1.19	5.66	1.12	5.41	1.13	5.39	1.12	5.58	1.13	5.46	1.15	5.66	1.11	5.36	1.15	5.27	1.21



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<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Number of assigned textbooks, books, or book-length packs of course readings	readasn	3.33	0.94	3.25	0.90	3.17	0.89	3.24	0.92	2.98	0.85	3.18	0.89	3.20	0.91	3.39	0.91	3.23	0.91
Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	readown	2.26	0.96	2.04	0.90	1.91	0.84	2.03	0.90	1.90	0.84	2.03	0.88	1.96	0.86	2.12	0.90	1.94	0.89
Number of written papers or reports of 20 pages or more	writemor	1.21	0.58	1.22	0.58	1.26	0.64	1.21	0.60	1.24	0.60	1.18	0.53	1.24	0.64	1.23	0.60	1.20	0.60
Number of written papers or reports between 5 and 19 pages	writemid	2.31	0.83	2.27	0.83	2.24	0.81	2.28	0.83	2.11	0.80	2.20	0.82	2.21	0.81	2.38	0.84	2.25	0.79
Number of written papers or reports of fewer than 5 pages	writesml	3.12	1.04	2.98	1.03	3.06	1.05	3.11	1.04	2.91	1.03	3.02	1.03	2.92	1.02	3.08	1.04	3.11	1.02
Number of problem sets (problem-based homework assignments) that take you MORE than an hour to complete	probseta	2.46	1.10	2.79	1.12	2.65	1.05	2.56	1.07	3.05	1.09	2.87	1.09	2.69	1.12	2.48	1.09	2.51	1.06
Number of problem sets that take you less than an hour to complete	probsetb	2.58	1.16	2.70	1.20	2.86	1.18	2.80	1.17	2.76	1.24	2.70	1.19	2.70	1.20	2.60	1.17	2.68	1.15
Attended an art exhibit, play, dance, music, theater, or other performance	atdart07	2.65	0.98	2.14	0.86	2.07	0.85	2.34	0.98	1.94	0.81	2.16	0.86	2.05	0.86	2.22	0.89	2.12	0.86



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**NSSE 2007 Grand Means
Means and Standard Deviations by Majors**

		First-Year Students																	
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<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Exercised or participated in physical fitness activities	exrcse05	2.63	1.03	2.84	1.02	2.87	1.04	2.70	1.03	2.87	1.00	2.79	1.04	2.73	1.06	2.73	1.04	2.73	1.04
Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	worshp05	2.11	1.14	2.07	1.11	2.01	1.07	2.26	1.16	2.06	1.11	2.04	1.11	2.12	1.11	2.03	1.10	1.90	1.05
Examined the strengths and weaknesses of your own views on a topic or issue	ownview	2.77	0.87	2.55	0.88	2.48	0.86	2.53	0.87	2.50	0.88	2.55	0.87	2.46	0.88	2.75	0.88	2.46	0.88
Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	othrview	2.88	0.84	2.72	0.85	2.65	0.85	2.71	0.85	2.62	0.88	2.70	0.87	2.66	0.85	2.91	0.85	2.64	0.86
Learned something that changed the way you understand an issue or concept	chnghview	2.92	0.83	2.82	0.83	2.74	0.83	2.81	0.83	2.72	0.83	2.76	0.83	2.76	0.83	2.94	0.84	2.72	0.84
Practicum, internship, field experience, co-op experience, or clinical assignment	intern04	2.63	0.87	2.86	0.68	2.74	0.76	2.90	0.76	2.85	0.66	2.70	0.80	2.88	0.64	2.78	0.74	2.36	0.96
Community service or volunteer work	volntr04	2.93	1.06	3.22	0.89	2.98	1.03	3.12	0.98	2.83	1.09	2.93	1.07	3.07	0.97	3.12	0.97	2.84	1.06
Participate in a learning community or some other formal program where groups of students take two or more classes together	lrncom04	2.16	1.07	2.28	1.10	2.21	1.07	2.28	1.10	2.31	1.12	2.15	1.06	2.30	1.10	2.20	1.08	2.02	1.06



**National Survey
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<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Work on a research project with a faculty member outside of course or program requirements	resrch04	1.94	0.93	2.31	0.98	1.94	0.91	1.90	0.90	2.11	0.99	2.23	0.98	1.95	0.92	2.06	0.98	1.75	0.87
Foreign language coursework	forlng04	2.83	1.03	2.74	1.02	2.51	1.02	2.45	1.01	2.25	0.95	2.70	1.04	2.42	1.00	2.91	1.01	2.52	1.08
Study abroad	stdabr04	2.33	0.89	2.19	0.90	2.22	0.89	2.02	0.84	2.00	0.86	2.07	0.87	2.07	0.86	2.32	0.89	2.12	0.90
Independent study or self-designed major	indstd04	1.88	0.81	1.89	0.77	1.90	0.78	1.90	0.73	1.86	0.73	1.88	0.76	1.91	0.75	1.89	0.80	1.67	0.77
Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	snrx04	2.20	0.96	2.18	0.96	2.02	0.95	2.05	0.95	2.30	0.93	2.15	0.95	2.02	0.94	2.21	0.95	1.76	0.92
Relationships with: Other Students	envstu	5.43	1.43	5.61	1.33	5.56	1.35	5.67	1.32	5.59	1.28	5.52	1.37	5.61	1.33	5.42	1.43	5.26	1.46
Relationships with: Faculty Members	envfac	5.35	1.26	5.25	1.30	5.16	1.32	5.30	1.28	4.98	1.31	5.31	1.25	5.15	1.34	5.24	1.30	5.02	1.36
Relationships with: Administrative Personnel and Offices	envadm	4.53	1.55	4.67	1.52	4.71	1.54	4.74	1.55	4.63	1.48	4.64	1.49	4.67	1.55	4.58	1.58	4.49	1.54
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	acadpr01	4.05	1.65	4.46	1.68	3.82	1.50	3.86	1.54	4.43	1.70	4.27	1.65	4.23	1.69	3.94	1.54	3.75	1.52
Working for pay on campus	workon01	1.64	1.30	1.54	1.17	1.56	1.30	1.57	1.26	1.45	1.11	1.59	1.23	1.48	1.20	1.62	1.31	1.52	1.24
Working for pay off campus	workof01	2.15	2.03	1.99	1.90	2.71	2.49	2.61	2.33	1.85	1.80	1.90	1.81	2.73	2.42	2.35	2.22	2.25	2.11



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Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.)	cocurr01	2.17	1.46	2.29	1.44	2.35	1.63	2.21	1.53	2.34	1.49	2.28	1.44	2.00	1.36	2.24	1.50	2.15	1.52
Relaxing and socializing (watching TV, partying, etc.)	social05	3.85	1.68	3.67	1.63	3.91	1.69	3.66	1.61	3.80	1.64	3.94	1.76	3.50	1.56	3.81	1.68	4.06	1.71
Providing care for dependents living with you (parents, children, spouse, etc.)	carede01	1.52	1.34	1.48	1.20	1.82	1.69	1.89	1.85	1.39	1.06	1.45	1.21	2.03	1.94	1.66	1.58	1.56	1.33
Commuting to class (driving, walking, etc.)	commute	2.18	0.98	2.21	0.99	2.28	1.06	2.24	1.01	2.24	0.90	2.18	0.91	2.36	1.12	2.20	1.01	2.20	0.95
Spending significant amounts of time studying and on academic work	envschol	3.01	0.77	3.24	0.74	3.07	0.74	3.08	0.75	3.18	0.73	3.10	0.75	3.21	0.74	3.07	0.77	2.98	0.78
Providing the support you need to help you succeed academically	envsuprt	2.99	0.81	3.10	0.80	3.02	0.79	3.06	0.79	3.02	0.79	3.05	0.79	3.06	0.79	3.03	0.81	2.90	0.83
Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	envdivrs	2.64	0.97	2.68	0.96	2.63	0.96	2.68	0.96	2.57	0.96	2.61	0.98	2.61	0.97	2.65	0.99	2.56	0.95
Helping you cope with your non-academic responsibilities (work, family, etc.)	envnacad	2.12	0.93	2.16	0.93	2.19	0.94	2.24	0.94	2.09	0.89	2.12	0.91	2.16	0.96	2.15	0.94	2.11	0.90



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Providing the support you need to thrive socially	envsocial	2.38	0.92	2.45	0.92	2.43	0.93	2.49	0.92	2.37	0.90	2.40	0.91	2.42	0.93	2.40	0.93	2.34	0.89
Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	envevent	2.88	0.90	2.89	0.90	2.75	0.95	2.83	0.94	2.77	0.89	2.83	0.89	2.72	0.95	2.85	0.93	2.74	0.91
Using computers in academic work	envcompt	3.26	0.80	3.33	0.79	3.34	0.78	3.32	0.78	3.43	0.73	3.28	0.79	3.32	0.79	3.33	0.78	3.21	0.81
Acquiring a broad general education	gnngenled	3.11	0.80	3.20	0.76	3.14	0.77	3.16	0.77	3.01	0.79	3.13	0.77	3.16	0.77	3.22	0.76	3.03	0.79
Acquiring job or work-related knowledge and skills	gnwork	2.63	0.96	2.67	0.94	2.81	0.92	2.87	0.91	2.87	0.91	2.64	0.91	2.80	0.94	2.65	0.94	2.39	0.92
Writing clearly and effectively	gnwrite	2.98	0.88	2.93	0.88	2.98	0.84	3.05	0.83	2.71	0.87	2.85	0.88	2.99	0.86	3.03	0.86	2.85	0.86
Speaking clearly and effectively	gnspeak	2.74	0.94	2.69	0.94	2.84	0.90	2.89	0.89	2.54	0.91	2.59	0.95	2.82	0.92	2.79	0.94	2.59	0.91
Thinking critically and analytically	gnanaly	3.18	0.81	3.23	0.78	3.13	0.78	3.16	0.78	3.25	0.76	3.21	0.79	3.21	0.77	3.23	0.78	3.00	0.82
Analyzing quantitative problems	gnquant	2.63	0.93	3.13	0.81	2.92	0.84	2.83	0.87	3.27	0.75	3.20	0.80	2.96	0.85	2.82	0.90	2.66	0.87
Using computing and information technology	gncmpts	2.82	0.94	3.01	0.88	3.10	0.85	3.02	0.88	3.28	0.80	3.00	0.89	3.04	0.87	2.90	0.93	2.77	0.90
Working effectively with others	gnothers	2.85	0.90	2.95	0.87	2.97	0.87	3.05	0.85	3.02	0.84	2.81	0.89	2.98	0.87	2.88	0.90	2.73	0.89
Voting in local, state, or national elections	gncitizn	2.04	1.00	2.03	1.00	2.07	1.00	2.10	1.01	1.90	0.93	1.94	0.95	2.00	1.00	2.23	1.06	1.99	0.96
Learning effectively on your own	gninq	2.84	0.87	2.98	0.85	2.90	0.84	2.90	0.83	2.90	0.84	2.84	0.86	2.94	0.84	2.93	0.86	2.73	0.84
Understanding yourself	gnself	2.75	0.98	2.76	0.96	2.74	0.94	2.79	0.96	2.59	0.96	2.64	0.97	2.79	0.95	2.79	0.97	2.58	0.96
Understanding people of other racial and ethnic backgrounds	gndivers	2.61	0.97	2.63	0.96	2.62	0.95	2.65	0.95	2.44	0.96	2.53	0.96	2.64	0.95	2.71	0.98	2.52	0.93
Solving complex real-world problems	gnprobsv	2.50	0.94	2.64	0.92	2.65	0.91	2.61	0.91	2.81	0.91	2.61	0.91	2.62	0.92	2.66	0.93	2.42	0.89
Developing a personal code of values and ethics	gnethics	2.59	1.02	2.65	0.99	2.66	0.96	2.67	0.97	2.53	0.99	2.50	1.00	2.66	0.98	2.68	1.01	2.45	0.96

**NSSE 2007 Grand Means
Means and Standard Deviations by Majors**

		First-Year Students																	
		Arts and Humanities		Biological Sciences		Business		Education		Engineering		Physical Science		Professional		Social Science		Undecided	
<i>Question</i>	<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>
Contributing to the welfare of your community	gncommun	2.35	0.98	2.50	0.97	2.38	0.97	2.44	0.97	2.28	0.95	2.31	0.96	2.40	0.97	2.49	0.99	2.25	0.94
Developing a deepened sense of spirituality	gnspirit	2.04	1.09	2.09	1.07	2.10	1.05	2.22	1.08	1.90	1.01	1.98	1.03	2.15	1.07	2.08	1.09	1.95	1.01
Overall, how would you evaluate the quality of academic advising you have received at your institution?	advise	2.96	0.86	2.97	0.84	2.99	0.84	3.04	0.83	2.97	0.84	3.00	0.83	2.99	0.83	2.96	0.86	2.84	0.86
How would you evaluate your entire educational experience at this institution?	entirexp	3.19	0.73	3.21	0.70	3.19	0.71	3.23	0.70	3.20	0.70	3.24	0.69	3.19	0.69	3.20	0.71	3.02	0.74
If you could start over again, would you go to the same institution you are now attending?	samecoll	3.20	0.84	3.22	0.81	3.21	0.82	3.31	0.79	3.33	0.76	3.24	0.80	3.23	0.80	3.20	0.84	3.04	0.84