



NORTHERN ARIZONA UNIVERSITY

**Northern Arizona University's
2005 National Survey of Student Engagement (NSSE)
Benchmark Report**

Fall 2005

Office of Planning, Budget, and Institutional Research

<http://www4.nau.edu/pair/StatisticReport/SurveyReport.htm>

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The 2005 National Survey of Student Engagement Benchmark Report

Overview:

Each year the National Survey of Student Engagement (NSSE) collects information from undergraduates at four-year colleges and universities across the country to assess the extent to which students are engaged in a variety of educational practices. NSSE is grounded in the theoretical framework that student engagement, measured by the frequency with which students participate in activities that represent effective educational practices, is a meaningful proxy for measuring collegiate quality. Northern Arizona University (NAU) participated in the national NSSE administration in 2002, 2003 and 2005. This report focuses on the results from the 2005 administration and comparisons to the previous years' results.

This current report is a summary of selected results divided into two sections. The first section presents NAU's scores on the five NSSE benchmarks representing effective educational practice: Level of Academic Challenge, Active and Collaborative Learning, Student Interactions with Faculty Members, Enriching Educational Experiences, and Supportive Campus Environment. NAU's scores are compared to other doctoral intensive universities, a selection of "peer"¹ institutions, and the NSSE norms comprised of all participating institutions. The second section compares NAU's results on the 2005 NSSE administration to NAU's previous results in 2002 and 2003.

Methodology:

Randomly selected first-year and senior students at NAU were sampled. The selected students were given the option of responding either via a traditional paper questionnaire or via the web. The survey sample was similar to the overall population of freshmen and seniors on most characteristics examined. Table A (in Appendix A) shows the background characteristics of the survey sample compared to the overall freshmen and senior populations at NAU. Four hundred and seven first-year respondents and 260 senior respondents participated in the 2005 NSSE administration at NAU.

The NSSE asks participating students to report the frequency with which they engage in activities that represent good educational practices. Students also record their perceptions of the college environment and estimate their educational and personal growth while in college. Additional information about student background and demographics are also gathered.

Key Findings:

Section 1: Benchmark Mean Comparisons

- Overall, Northern Arizona University continues to score similar or higher when compared to other doctoral intensive institutions, the group of selected peers, and all participating NSSE institutions on all five benchmarks. NAU's strongest ratings were in Active and Collaborative Learning, Student-Faculty Interaction, and Enriching Educational Experiences. In order to excel on all five benchmarks, NAU can continue to improve in the Level of Academic Challenge and providing a Supportive Campus Environment.

¹ Appendix B lists the selected "peer" institutions
PAIR/cla/11_05
Source: 2002, 2003 and 2005 NSSE

- First-year students at NAU rated the University higher than the comparison groups in Active and Collaborative Learning and Enriching Educational Experiences. For first-year students at NAU, two benchmarks stand out as areas that the University can continue to improve. These two areas are the Level of Academic Challenge and creating a Supportive Campus Environment.
- NAU scored well by senior ratings on all five benchmarks. In particular, the University excelled in Active and Collaborative Learning, Student-Faculty Interactions, and Enriching Educational Experiences.

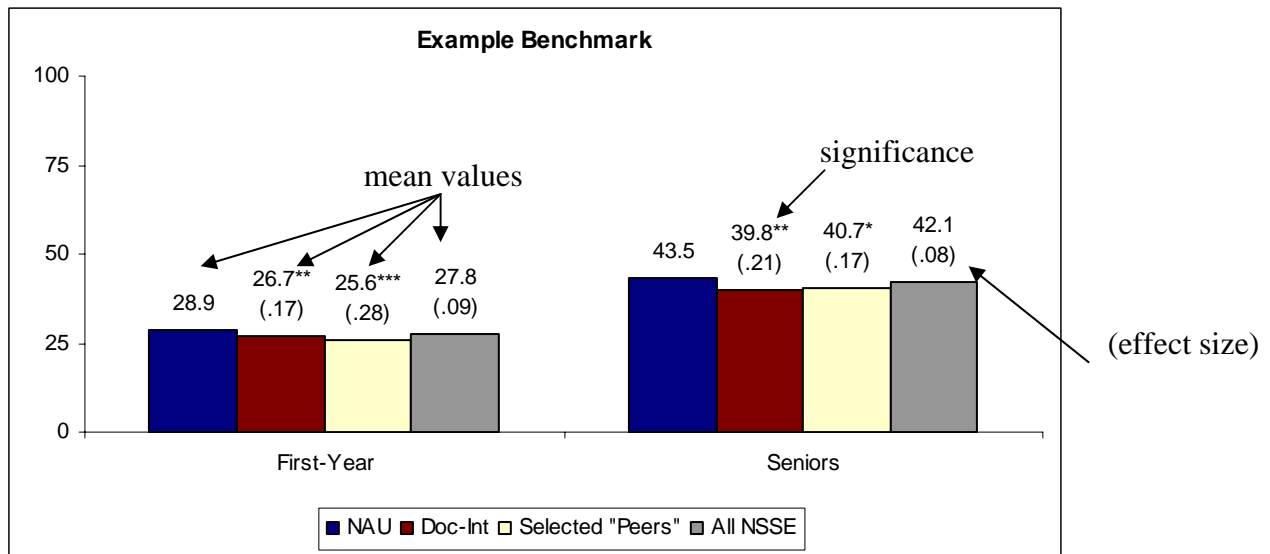
Section 2: Benchmarks for All Years of NAU's Participation in the NSSE

- The 2005 administration was the third time Northern Arizona University has participated in the National Survey of Student Engagement (2002, 2003, and 2005). The mean values for first-year students from NAU on the four benchmarks that are available for trend analysis are all relatively consistent with no major departures from year to year or any notable increases or decreases in a benchmark value from 2002 to 2005.
- The mean values for senior students from NAU on three out of the four benchmarks have shown improvement, most notably in Student-Faculty Interaction.

Section 1: Benchmark Mean Comparisons

The NSSE staff provided the Office of Planning, Budget and Institutional Research with an Institutional Engagement Report for Northern Arizona University based upon the responses from NAU students to the NSSE 2005 survey. Students' responses were grouped into five categories representing effective educational practice: Level of Academic Challenge, Active and Collaborative Learning, Student Interactions with Faculty Members, Enriching Educational Experiences, and Supportive Campus Environment. NSSE responses were formed into five summative scales along these dimensions and the five institutional engagement scores for NAU students were compared to Doctoral Intensive Universities, a selection of peer institutions (refer to Appendix B for the list of “peer” institutions), and all participating NSSE institutions.

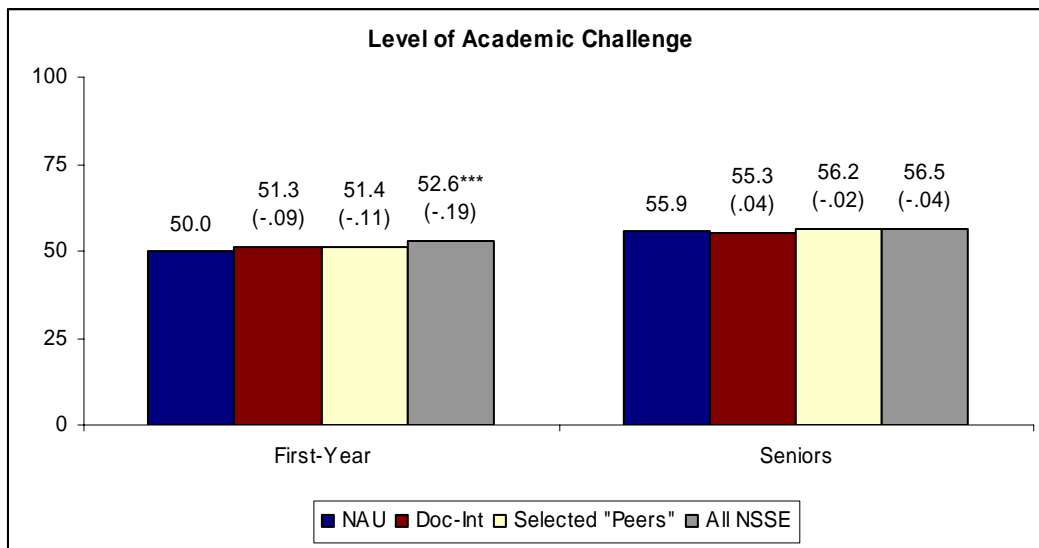
In the below charts, benchmark comparisons between NAU and a norm group with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, denoting one of three significance levels (p,.05, p,.01, and p,.001). The smaller the significance level, the smaller the likelihood that the noted difference is due to chance alone. Because statistical significance does not guarantee that the result is substantively important, effect sizes are also provided (in parentheses). The effect size indicates the “practical significance” of the mean difference. Generally, an effective size of 0.2 is considered small, 0.5 moderate, and 0.8 large. A positive effective size indicates that NAU’s mean was greater. A negative size indicates that NAU lags behind the comparison group. The example benchmark graph below labels these various elements.



A. Level of Academic Challenge

Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote high levels of student achievement by emphasizing the importance of academic effort and setting high expectations for student performance.

For both the first-year and senior respondents, NAU performed the same when compared to other doctoral intensive universities, a group of selected peer institutions, and all NSSE participants. For first-year respondents, NAU scored statistically significantly lower than the All NSSE national norm group, but the effect size representing substantive significance was relatively small (-.19).



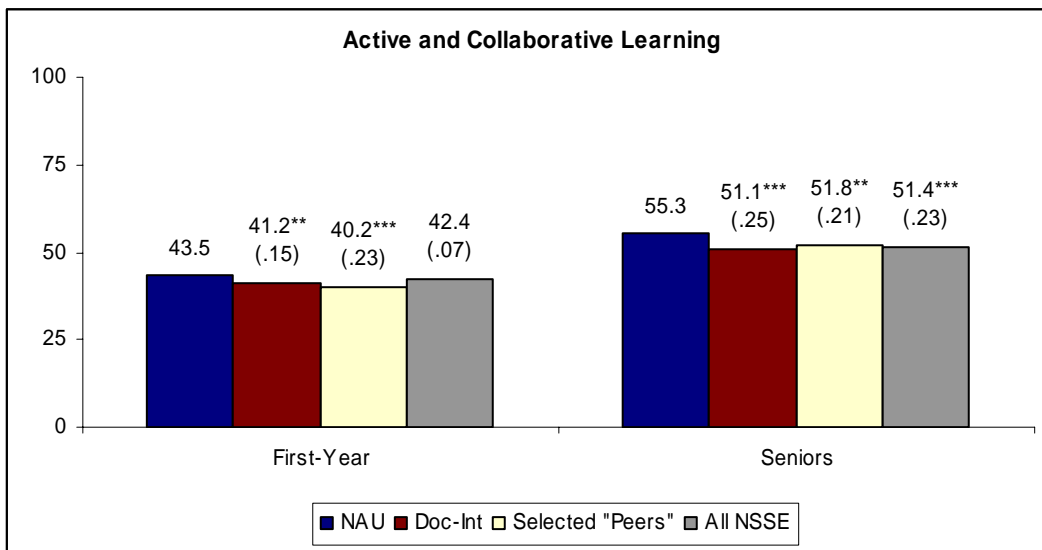
The individual items used in creating this benchmark are summarized below:

- Preparing for class (studying, reading, writing, rehearsing, etc. related to academic program)
- Number of assigned textbooks, books, or book-length packs of course readings
- Number of written papers or reports of 20 pages or more; number of written papers or reports of between 5 and 19 pages; and number of written papers or reports of fewer than 5 pages
- Coursework emphasizing analysis of the basic elements of an idea, experience or theory
- Coursework emphasizing synthesis and organizing of ideas, information, or experiences into new, more complex interpretations and relationships
- Coursework emphasizing the making of judgments about the value of information, arguments, or methods
- Coursework emphasizing application of theories or concepts to practical problems or in new situations
- Working harder than you thought you could to meet an instructor's standards or expectations
- Campus environment emphasizing time studying and on academic work

B. Active and Collaborative Learning

Students learn more when they are intensely involved in their education and asked to think about what they are learning in different settings. Collaborating with others in solving problems or mastering difficult material prepares students for the unscripted problems they will encounter daily during and after college.

Compared to other doctoral intensive universities, the group of selected “peer” institutions, and all participating NSSE institutions, NAU scored well on the Active and Collaborative Learning benchmark. First-year students at NAU scored significantly higher in Active and Collaborative Learning than students at other doctoral intensive institutions and the group of selected appears. Compared to other doctoral intensive institutions, the peer group, and all participating NSSE institutions, NAU’s seniors scored significantly higher on this benchmark.



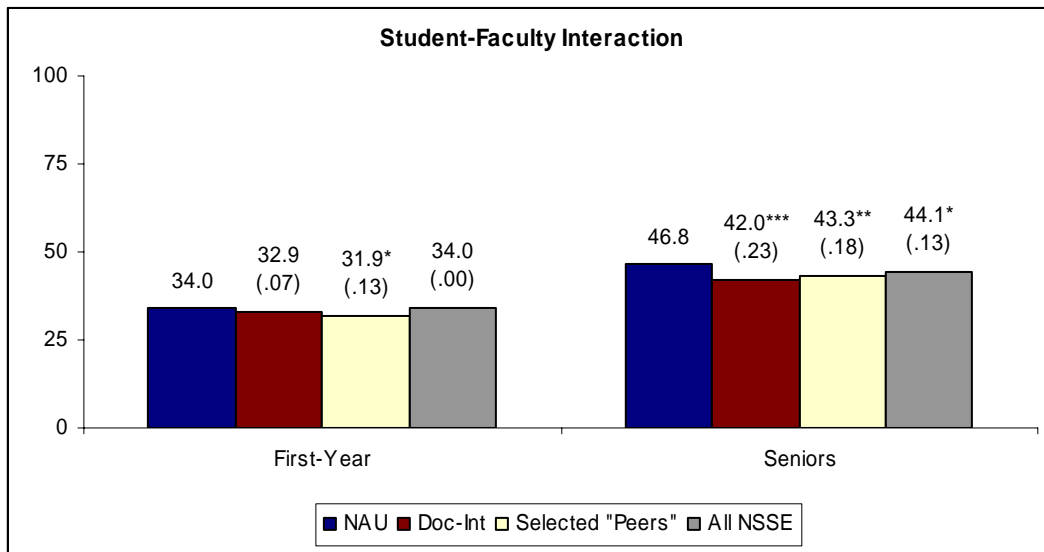
The individual items used in creating this benchmark are summarized below:

- Asked questions in class or contributed to class discussions
- Made a class presentation
- Worked with other students on projects during class
- Worked with classmates outside of class to prepare class assignments
- Tutored or taught other students
- Participated in a community-based project as part of a regular course
- Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)

C. Student-Faculty Interaction

Students learn firsthand how experts think about and solve practical problems by interacting with faculty members inside and outside the classroom. As a result, their teachers become role models, mentors, and guides for continuous, life-long learning.

Student satisfaction with the quality and availability of faculty is consistently rated very high in a variety of NAU surveys, including the Sophomore, Graduating Senior, and Alumni surveys. Faculty also rate their interaction and availability to students very high as evidenced in the most recent administration of the Higher Education Research Institute's Faculty Survey. NAU's first-year students scored similar to the three comparison groups for the benchmark Student-Faculty interaction. Seniors at NAU scored significantly higher than all three comparison groups on this benchmark.



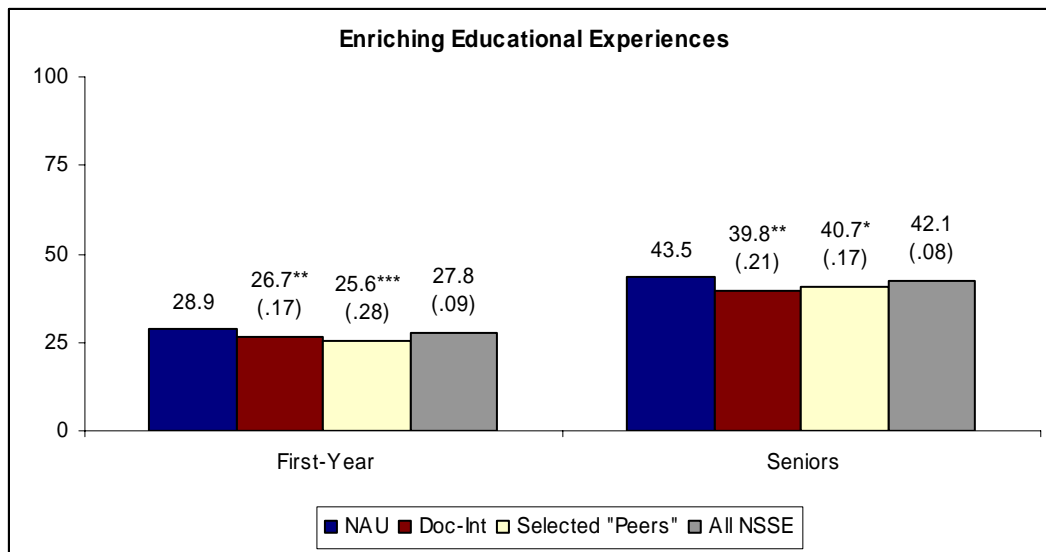
The individual items used in creating this benchmark are summarized below:

- Discussed grades or assignments with an instructor
- Talked about career plans with a faculty member or advisor
- Discussed ideas from your readings or classes with faculty members outside of class
- Worked with faculty members on activities other than coursework (committees, orientation, student-life activities, etc.)
- Received prompt feedback from faculty on your academic performance (written or oral)
- Worked with a faculty member on a research project outside of course or program requirements

D. Enriching Educational Experiences

Complementary learning opportunities in and out of class augment academic programs. Diversity experiences teach students valuable things about themselves and others. Technology facilities collaboration between peers and instructors. Internships, community service, and senior capstone courses program opportunities to integrate and apply knowledge.

The NAU community takes advantage of its location by being involved in the local community through internship and volunteer opportunities and extensive research projects with the Colorado Plateau. NAU also is committed to providing access to a quality education to all qualified students in the state of Arizona and is currently involved in various initiatives to diversity the campus community. These efforts are reflected in NAU's benchmark scores for Enriching Educational Experiences. NAU's first-year and senior students scored significantly higher on this benchmark than other doctoral intensive institutions and the group of selected peers.



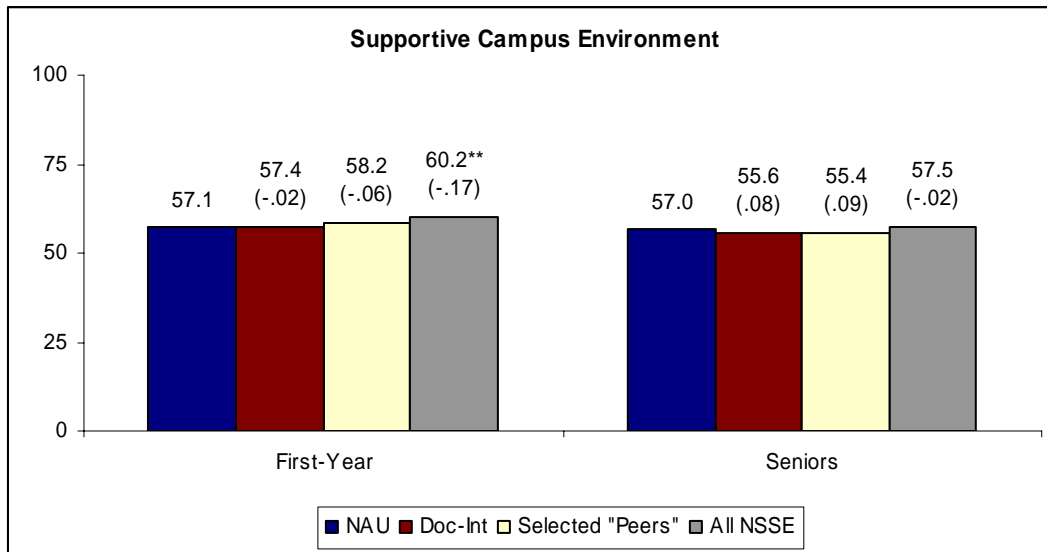
The individual items used in creating this benchmark are summarized below:

- Participating in co-curricular activities (organizations, publications, student government, sports, etc.)
- Practicum, internship, field experience, co-op experience, or clinical assignment
- Community service or volunteer work
- Foreign language coursework and study abroad
- Independent study or self-designed major
- Culminating senior experience (comprehensive exam, capstone course, thesis, project, etc.)
- Serious conversations with students of different religious beliefs, political opinions, or personal values
- Serious conversations with study of a different race or ethnicity
- Using electronic technology to discuss or complete an assignment
- Campus environment encouraging contact among students from different economic, social, and racial or ethnic backgrounds
- Participate in a learning community or some formal program where groups of students take two or more classes together

E. Supportive Campus Environment

Students perform better and are more satisfied at institutions that are committed to their success and cultivate positive working and social relations among different groups on campus. NAU provides numerous programs to help students succeed at the University including the learning assistance centers (LACs), supplemental instruction, peer tutors, living-learning communities, social programs like AfterHours, and opportunities for involvement through clubs and organizations.

According to first-year ratings of NAU, the University scored similar to first-year students at other doctoral intensive universities and the selection of peer institutions, but scored significantly lower than all participating NSSE institutions. The senior ratings of NAU were comparable to all three comparison groups for this benchmark.



The individual items used in creating this benchmark are summarized below:

- Campus environment provides the support you need to help you succeed academically
- Campus environment helps you cope with your non-academic responsibilities (work, family, etc.)
- Campus environment provides the support you need to thrive socially
- Quality of relationships with other students
- Quality of relationships with faculty members
- Quality of relationships with administrative personnel and offices

Section 2: Benchmarks for All Years of NAU's Participation in the NSSE

Northern Arizona University has participated in the National Survey of Student Engagement three times – 2002, 2003, and 2005. It is anticipated that the University will continue to participate in this national survey every other year.

The mean values for first-year students from NAU on the four benchmarks that are available for trend analysis are all relatively consistent with no major departures from year to year or any notable increases or decreases in a benchmark value from 2002 to 2005.

The mean values for senior students from NAU on three out of the four benchmarks have shown improvement, most notably in Student-Faculty Interaction.

<i>Benchmark</i>	First-Year Students			Senior Students		
	2002	2003	2005²	2002	2003	2005
Level of Academic Challenge	53	52	50	57	55	56
Active and Collaborative Learning	43	45	44	53	50	55
Student-Faculty Interaction³	38	36	40	46	46	52
Supportive Campus Environment	56	59	57	54	56	57

Note: Due to changes in the response set for survey items that comprise the Enriching Educational Experiences benchmark, it is not possible to compare 2005 results to earlier years, hence its omission from the above table.

While NAU strives to continuously improve in all areas, focusing particular attention to increasing the Level of Academic Challenge and continuing to foster a Supportive Campus Environment would result in great gains for the entire campus community.

² [Northern Arizona University did not participate in the 2004 NSSE administration](#)

³ [Changes were made in the 2005 NSSE instrument that affect how this benchmark scale is computed. As such, the scores on this report will not match benchmarks reported on previous year reports.](#)

Appendix A: Sample and Population Characteristics

The survey sample was similar to the overall population of freshmen and seniors on most characteristics examined. Table A shows the background characteristics of the survey sample compared to the overall graduating senior population at NAU. In this survey administration, males were slightly overrepresented and Caucasian's slightly underrepresented. It is unclear how, if at all, these discrepancies in the sample population affect the overall generalizability of the study results.

	NAU Population		NAU Sample		Selected Peers		Doc-Int		NSSE 2005	
	FY	SR	FY	SR	FY	SR	FY	SR	FY	SR
Response Rate^a										
Overall			42%		29%		31%		37%	
By Class			44%	38%	30%	29%	30%	33%	35%	38%
NSSE Sample Size ^b			924	679	2,706	2,662	13,068	12,804	135,135	131,756
Sampling Error^c										
Overall			3.60%		2.40%		1.10%		0.30%	
By Class			4.60%	5.80%	3.40%	3.50%	1.50%	1.50%	0.40%	0.40%
Number of Respondents ^b			407	260	805	760	3,905	4,213	47,944	50,547
Total Population			3,432	2,631	22,611	23,353	79,131	76,890	669,098	618,550
Student Characteristics^d										
<i>Mode of Completion</i>										
Paper			1%	4%	11%	15%	11%	15%	15%	21%
Web			99%	96%	89%	85%	89%	85%	85%	79%
<i>Gender</i>										
Female	61%	61%	66%	66%	69%	70%	64%	63%	67%	67%
Male	39%	39%	34%	34%	31%	30%	36%	37%	33%	33%
<i>Race/Ethnicity</i>										
Am. Indian/Native American	6%	9%	7%	14%	1%	0%	1%	0%	1%	1%
Asian Am./Pacific Islander	2%	2%	2%	1%	1%	2%	5%	5%	5%	4%
Black/African American	3%	2%	1%	2%	6%	6%	8%	7%	7%	7%
White (non-Hispanic)	75%	74%	68%	67%	84%	80%	67%	69%	72%	72%
Mexican/Mexican American			6%	6%	1%	1%	5%	5%	3%	2%
Puerto Rican	10%	11%	1%	0%	0%	0%	1%	1%	1%	1%
Other Hispanic or Latino			2%	0%	1%	1%	3%	2%	2%	2%
Multiracial			3%	5%	1%	1%	2%	2%	2%	2%
Other			2%	1%	1%	1%	2%	3%	2%	2%
I prefer not to respond / Unknown	3%	1%	7%	5%	4%	8%	6%	6%	6%	7%
<i>International Student</i>										
	1%	1%	5%	3%	2%	3%	6%	6%	5%	5%
<i>Enrollment Status</i>										
Full-time	92%	79%	96%	90%	99%	89%	95%	83%	95%	85%
Less than full-time	8%	21%	4%	10%	1%	11%	5%	17%	5%	15%

^a Response rate (number of respondents divided by sample size) is adjusted for non-deliverable mailing addresses.

^b Oversampled students are included in institution numbers upon request but not in consortium, Carnegie, or NSSE 2005 sample numbers.

^c Sampling error is an estimate of the margin by which the 'true' score for your institution on a given item could differ from the reported score. To interpret the sampling error, assume that 60% of your students reply "very often" to a particular item. If the sampling error is +/-5%, then the true population value is most likely between 55% and 65%.

^d Each number represents the percent of total respondents within the category.

Appendix B. Selected Peer Institutions

NAU's 2005 Selected Peer Institutions

This table displays the 2005 comparison institutions for Northern Arizona University. The institutions listed below are represented in the 'Selected Peers' column of the Respondent Characteristics, Mean Comparisons, and Frequency Distributions reports.

Institution Name	City	State
Bowling Green State University	Bowling Green	OH
Illinois State University	Normal	IL
Miami University-Oxford	Oxford	OH
Ohio University	Athens	OH
University of North Carolina at Greensboro	Greensboro	NC
University of North Dakota	Grand Forks	ND
University of Southern Mississippi	Hattiesburg	MS

Northern Arizona University

Means Comparison Report

August 2005



Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument. Responses set values are also provided to help you interpret the statistics.

Variable Names

The name of each variable appears in the second column for easy reference to your data file and the summary statistics at the end of this section.

Benchmark

Items that comprise the five “Benchmarks of Effective Educational Practice” are indicated by the following:

LAC=Level of Academic Challenge

ACL=Active and Collaborative Learning

SFI=Student-Faculty Interaction

EEE=Enriching Educational Experiences

SCE=Supportive Campus Environment

Mean

The mean is the arithmetic average of student responses on a particular item. Means are provided for your institution, selected peers or consortium, Carnegie classification, and for the NSSE 2005 national sample.

Class

Means are reported for first-year students (FY) and seniors (SR). If applicable, first-year and senior students that were part of an oversample are included in your institution’s data, but not in any of the comparison groups.

Statistical Significance

Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to three significance levels (p<.05, p< .01, and p<.001). The smaller the significance level, the smaller the likelihood that the difference is due to chance. *Please note that statistical significance does not guarantee that the result is substantive or important.* Large sample sizes (like those produced by NSSE) tend to produce more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to start by interpreting only those items with three asterisks (p<.001) and to consult effect sizes (see below) in order to make judgments about the practical meaning of the results.

Effect Size

Effect size indicates the “practical significance” of the mean difference. It is calculated by dividing the mean difference by the standard deviation of the group with which the institution is being compared (consortium, Carnegie type, or NSSE 2005). In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large. A positive sign indicates that your institution’s mean was greater, thus showing

NSSE 2005 Means Comparison Report
Nesseville University

				Nesseville compared with:																
				Nesseville				Selected Peers				Carnegie				NSSE 2005				
				Mean	Mean	Sig *	Effect Size †	Mean	Mean	Sig *	Effect Size †	Mean	Mean	Sig *	Effect Size †	Mean	Mean	Sig *	Effect Size †	
<i>In your experience at your institution during the current school year, about how often have you done each of the following? 1=never, 2=sometimes, 3=often, 4=very often</i>																				
1. Academic and Intellectual Experiences																				
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.70			2.74				2.86	***		-0.19					
				SR	2.95			3.06			3.08			3.16	**		-0.26			
b.	Made a class presentation	CLPRESEN	ACL	FY	1.98		***	-0.32	2.23	***		-0.33	2.28	***		-0.38				
				SR	2.35			2.79			2.83			2.88						
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.66			2.74				2.65								
				SR	2.65			2.56			2.52			2.51	*		.15			
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	3.15			3.07				3.06	*		.11	3.08				
				SR	3.39			3.32			3.34			3.37						
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc) in class discussions or writing assignments	DIVCLASS		FY	2.74			2.74				2.75				2.77				
				SR	2.65			2.74			2.76			2.83	**		-0.21			
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.15			2.07				2.06	*		.12	2.03	**		.16	
				SR	2.21			2.10			2.10			2.08	*		.17			

an affirmative result for the institution. A negative sign indicates the institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. An exception to this interpretation is the “coming to class unprepared” item (item 1f.) where a negative sign is preferred (i.e., meaning fewer students reporting coming to class unprepared).

Appendix C. Northern Arizona University's 2005 Means Comparison Report

Variable	Bench- mark	Class	NAU compared with:											
			NAU			Selected Peers			Doc-Int			NSSE 2005		
			Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b

In your experience at your institution during the current school year, about how often have you done each of the following? 1=never, 2=sometimes, 3=often, 4=very often

1. Academic and Intellectual Experiences

a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.74	2.71			2.74			2.86 ** -.14		
					3.23	3.13			3.08 ** .19			3.16		
b.	Made a class presentation	CLPRESEN	ACL	FY	2.32	2.21 *			2.22 *			2.28		
					2.97	2.90			2.83 ** .17			2.88		
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.65	2.79 *			2.69			2.65		
					2.67	2.47 ** .21			2.52 * .16			2.51 ** .17		
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	3.09	3.09			3.06			3.08		
					3.47	3.36 *			3.34 ** .18			3.37 * .14		
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.95	2.77 *** .22			2.75 *** .23			2.77 *** .20		
					2.92	2.81			2.76 ** .17			2.83		
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.17	2.07 *			2.06 ** .15			2.03 *** .19		
					2.25	2.12 * .17			2.10 ** .20			2.08 *** .23		
g.	Worked with other students on projects during class	CLASSGRP	ACL	FY	2.56	2.45 *			2.45 * .13			2.40 *** .20		
					2.79	2.61 ** .20			2.59 *** .23			2.52 *** .32		
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	ACL	FY	2.44	2.34 *			2.36			2.43		
					2.84	2.91			2.83			2.77		
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.65	2.54 *			2.54 ** .14			2.57 * .10		
					3.06	2.91 * .18			2.92 ** .18			2.93 ** .17		
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.75	1.67			1.71			1.72		
					2.04	1.88 *			1.92			1.94		
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.53	1.46			1.49			1.54		
					1.83	1.74			1.76			1.77		

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

NAU	<i>NAU compared with:</i>								
	Selected Peers			Doc-Int			NSSE 2005		
	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>

	<i>Variable</i>	<i>Benchmark</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>
l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.70			2.63			2.61		
					SR	2.98	2.91		2.87		2.81	**	.16
m.	Used e-mail to communicate with an instructor	EMAIL		FY	3.05			3.02			3.06		
					SR	3.44	3.38		3.31	*	.16	3.32	**
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.56			2.56			2.62		
					SR	3.02	2.88	*	.17	2.83	***	.23	2.87
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	2.20			2.08	*	.14	2.17		
					SR	2.63	2.48	*	.16	2.39	***	.25	2.53
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.89			1.77	**	.14	1.86		
					SR	2.23	2.00	***	.27	2.06	**	.19	2.16
q.	Received prompt feedback from faculty on your academic performance (written or oral)	FACFEED	SFI	FY	2.73			2.69			2.76		
					SR	2.91	2.91		2.88		2.94		
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.52			2.59			2.63	*	-.13
					SR	2.71	2.76		2.72		2.76		
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.57			1.57			1.63		
					SR	2.00	1.85	*	.15	1.82	**	.19	1.93
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.73			2.66			2.73		
					SR	2.96	2.77	**	.23	2.82	*	.16	2.88
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.82			2.61	***	.21	2.60	***	.22
					SR	2.84	2.51	***	.33	2.65	**	.18	2.65
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	EEE	FY	3.01			2.75	***	.26	2.77	***	.24
					SR	2.97	2.66	***	.34	2.72	***	.26	2.76

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

NAU	NAU compared with:								
	Selected Peers			Doc-Int			NSSE 2005		
Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b

Variable Bench- mark Class

During the current school year, how much has your coursework emphasized the following mental activities?
1=very little, 2=some, 3=quite a bit, 4=very much

2. Mental Activities

a.	Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE		FY	2.92	3.01			2.92			2.85		
					SR	2.61	2.81	**	-.24	2.74	*	-.15	2.70	
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	LAC	FY	3.01	3.04			3.06			3.09	*	-.10
					SR	3.21	3.18			3.22			3.24	
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	FY	2.81	2.90			2.84			2.87		
					SR	3.10	3.00			2.99			3.06	
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	LAC	FY	2.83	2.83			2.81			2.84		
					SR	2.96	2.90			2.94			2.99	
e.	Applying theories or concepts to practical problems or in new situations	APPLYING	LAC	FY	2.94	3.00			2.97			2.99		
					SR	3.18	3.15			3.17			3.19	

3. Reading and Writing

During the current school year, about how much reading and writing have you done?

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	LAC	FY	3.10	3.24	*	-.16	3.18			3.31	***	-.22
					SR	3.02	3.16	*	-.15	3.09			3.22	**
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN		FY	2.24	2.00	***	.28	2.06	***	.20	2.08	**	.18
					SR	2.34	2.17	*	.19	2.19	*	.16	2.22	
c.	Number of written papers or reports of 20 pages or more	WRITEMOR	LAC	FY	1.30	1.19	**	.19	1.24			1.25		
					SR	1.80	1.59	***	.29	1.69	*	.14	1.68	*
d.	Number of written papers or reports between 5 and 19 pages	WRITEMID	LAC	FY	2.25	2.54	***	-.33	2.36	**	-.14	2.40	***	-.17
					SR	2.57	2.67			2.62			2.68	
e.	Number of written papers or reports of fewer than 5 pages	WRITESML	LAC	FY	3.16	3.24			3.14			3.21		
					SR	3.24	3.26			3.09			3.13	

In a typical week, how many homework problem sets do you complete?

1=none, 2=1-2, 3=3-4, 4=5-6, 5=more than 6

4. Problem Sets

a.	Number of problem sets that take you more than an	PROBSETA		FY	2.44	2.49			2.57	*	-.12	2.56	*	-.11
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^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

NAU	NAU compared with:							
	Selected Peers		Doc-Int		NSSE 2005			
Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b

Variable	Benchmark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
a. hour to complete	PROBSETA	SR	2.62	2.45	*	.15	2.58			2.51		
b. Number of problem sets that take you less than an hour to complete	PROBSETB	FY	2.81	2.77			2.73			2.70		
		SR	2.41	2.55			2.40			2.33		

5. Examinations

1=very little to 7=very much

To what extent have your examinations during the current school year challenged you to do your best work?	EXAMS	FY	5.22	5.49	***	-.27	5.43	***	-.19	5.46	***	-.21
		SR	5.38	5.34			5.40			5.44		

6. Additional Collegiate Experiences

During the current school year, about how often have you done each of the following? 1=never, 2=sometimes, 3=often, 4=very often

a. Attended an art exhibit, gallery, play, dance, or other theatre performance	ATDART05	FY	2.08	2.10			2.07			2.17	*	-.11
		SR	2.06	1.97			1.97			2.08		
b. Exercised or participated in physical fitness activities	EXRCSE05	FY	2.88	2.87			2.73	**	.14	2.84		
		SR	2.79	2.75			2.65	*	.14	2.74		
c. Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	FY	2.14	1.95	**	.19	2.06			2.16		
		SR	2.27	2.12			2.13			2.23		
d. Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.64	2.52	*	.15	2.54	*	.11	2.61		
		SR	2.79	2.66	*	.15	2.65	*	.16	2.73		
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.87	2.73	**	.17	2.76	*	.13	2.77	*	.12
		SR	2.89	2.80			2.80			2.86		
f. Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.87	2.73	**	.17	2.76	*	.14	2.80		
		SR	2.87	2.78			2.83			2.88		

Which of the following have you done or do you plan to do before you graduate from your institution? (Recoded: 0=have not decided, do not plan to do, plan to do; 1=done. Thus, the mean is the proportion responding "done" among all valid respondents.)

7. Enriching Educational Experiences

a. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY	.08	.07		.07			.09		
		SR	.52	.58			.53			.58	*	-.13

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

				NAU	NAU compared with:								
					Selected Peers			Doc-Int			NSSE 2005		
	Variable	Bench- mark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
b.	Community service or volunteer work	VOLNTR04	EEE	FY	.38			.39			.42		
					SR	.63	.65		.59		.64		
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04		FY	.14			.17			.15		
					SR	.33	.28		.26 *	.16	.27 *	.15	
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.05			.05			.05		
					SR	.23	.20		.19		.21		.21
e.	Foreign language coursework	FORLNG04	EEE	FY	.26			.21 *		.11	.25		
					SR	.43	.42		.37		.46		
f.	Study abroad	STDABR04	EEE	FY	.04			.03			.02		
					SR	.13	.15		.14		.18 *	-.12	
g.	Independent study or self-designed major	INDSTD04	EEE	FY	.05			.03			.03		
					SR	.21	.16		.20		.23		
h.	Culminating senior experience (capstone course, thesis, project, comprehensive exam, etc.)	SNRX04	EEE	FY	.04	*	.20	.01	**	.24	.02	**	.22
					SR	.54	.35	***	.41	.34	***	.43	.38

Mark the box that best represents the quality of your relationships with people at your institution.

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

8. Quality of Relationships

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

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

a.	Relationships with other students	ENVSTU	SCE	FY	5.44		*	-.14	5.38			5.56		
					SR	5.64	5.59		5.55		5.68			
b.	Relationships with faculty members	ENVFAC	SCE	FY	5.12				5.10			5.36	***	-.19
					SR	5.62	5.33	**	.24	5.40	**	.17	5.64	
c.	Relationships with administrative personnel and offices	ENVADM	SCE	FY	4.42				4.54			4.76	***	-.22
					SR	4.56	4.45		4.52		4.63			

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

NAU	NAU compared with:											
	Selected Peers			Doc-Int			NSSE 2005					

Variable	Bench- mark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
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About how many hours do you spend in a typical 7-day week doing each of the following?
 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

9. Time Usage

a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	3.69	3.95	**	-.17	3.90	*	-.13	4.05	***	-.22
					SR	3.93	3.99		3.96		4.09			
b.	Working for pay on campus	WORKON01		FY	1.82	1.55	**	.22	1.58	**	.19	1.66	*	.13
					SR	2.48	2.01	**	.27	1.82	***	.41	1.90	***
c.	Working for pay off campus	WORKOF01		FY	2.13	1.60	***	.35	2.54	***	-.18	2.28		
					SR	3.40	3.19		3.90	**	-.18	3.50		
d.	Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.15	2.36	*	-.14	2.12			2.31	*	-.11
					SR	1.90	2.25	***	-.23	1.99		2.19	***	-.19
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	3.82	4.08	*	-.15	3.75			3.63	*	.11
					SR	3.20	3.63	***	-.26	3.37		3.36		
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.55	1.29	**	.27	1.71			1.63		
					SR	2.73	1.88	***	.44	2.40		2.29	**	.19
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.37	2.16	***	.23	2.32			2.14	***	.21
					SR	2.46	2.39		2.45		2.31			

To what extent does your institution emphasize each of the following?
 1=very little, 2=some, 3=quite a bit, 4=very much

10. Institutional Environment

a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	2.96	3.00			3.05	*	-.12	3.13	***	-.22
					SR	2.94	3.04		3.06	*	-.14	3.14	***	-.25
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	2.86	2.93			2.93			3.07	***	-.25
					SR	2.85	2.77		2.83		2.97	*	-.14	
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.60	2.54			2.54			2.60		
					SR	2.46	2.30	*	.17	2.34	*	.13	2.42	

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

NAU	<i>NAU compared with:</i>											
				Selected Peers			Doc-Int			NSSE 2005		
				<i>Mean</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>

	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>	<i>Mean</i>	<i>Sig^a</i>	<i>Effect Size^b</i>
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	2.04			2.12			2.06		
					SR	1.94	1.82	1.85	1.97				
e.	Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.33			2.42			2.28		
					SR	2.15	2.10	2.05	2.17				
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.60		**	-0.19			2.67		
					SR	2.46	2.59	2.47	2.63	**	-0.18		
g.	Using computers in academic work	ENVCOMPT		FY	3.27			3.33			3.34		
					SR	3.45	3.49	3.47	3.46				

To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

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

11. Educational and Personal Growth

a.	Acquiring a broad general education	NGNGENLED		FY	3.06		**	-0.18			3.07		
					SR	3.24	3.25	3.21	3.33				
b.	Acquiring job or work-related knowledge and skills	GNWORK		FY	2.67			2.68			2.65		
					SR	3.08	3.06	3.01	3.04				
c.	Writing clearly and effectively	GNWRITE		FY	2.80		**	-0.19		*	-0.13		
					SR	3.09	3.07	3.05	3.14				
d.	Speaking clearly and effectively	GNSPEAK		FY	2.58		**	-0.20		*	-0.13		
					SR	2.95	2.96	2.93	3.03				
e.	Thinking critically and analytically	GNANALY		FY	3.03			3.13			3.10		
					SR	3.27	3.30	3.31	3.37	*	-0.14		
f.	Analyzing quantitative problems	GNQUANT		FY	2.76			2.82			2.84		
					SR	3.03	2.92	3.03	3.01				
g.	Using computing and information technology	GNCMPTS		FY	2.93			2.99			3.01		
					SR	3.13	3.21	3.22	3.18				
h.	Working effectively with others	GNOTHERS		FY	2.86			2.94			2.88		
					SR	3.12	3.20	3.14	3.18				
i.	Voting in local, state, or national elections	GNCITIZN		FY	2.53			2.65			2.44		
					SR	2.28	2.30	2.20	2.31				

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's 2005 Means Comparison Report

				NAU	NAU compared with:								
					Selected Peers			Doc-Int			NSSE 2005		
	Variable	Bench- mark	Class	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
j.	Learning effectively on your own	GNINQ	FY	2.78	2.91	*	-.16	2.84			2.93	**	-.18
			SR	3.04	2.98			2.98			3.07		
k.	Understanding yourself	GNSELF	FY	2.62	2.77	*	-.16	2.64			2.77	**	-.16
			SR	2.76	2.79			2.73			2.88		
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.53	2.56			2.57			2.59		
			SR	2.62	2.47	*	.15	2.54			2.60		
m.	Solving complex real-world problems	GNPROBSV	FY	2.54	2.57			2.54			2.58		
			SR	2.71	2.65			2.71			2.72		
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.45	2.55			2.49			2.65	***	-.20
			SR	2.60	2.62			2.60			2.74	*	-.13
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.25	2.29			2.28			2.43	***	-.19
			SR	2.36	2.33			2.37			2.50	*	-.13
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	2.02	2.00			2.00			2.15	*	-.12
			SR	1.80	1.78			1.89			2.04	***	-.22

12. Academic 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	2.90	2.94			2.85			3.00	*	-.12
			SR	2.79	2.62	*	.17	2.76			2.94	*	-.17

13. Satisfaction

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

How would you evaluate your entire educational experience at this institution?	ENTIREXP		FY	3.13	3.19			3.09			3.22	*	-.12
			SR	3.13	3.17			3.14			3.27	**	-.18

14.

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

If you could start over again, would you go to the same institution you are now attending?	SAMECOLL		FY	3.21	3.29			3.12			3.22		
			SR	3.19	3.16			3.09			3.19		

IPEDS: 105330

^a * p<.05 ** p<.01 ***p<.001 (2-tailed).

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

Appendix C. Northern Arizona University's

First-Year Students

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU compared with:			NAU compared with:		
																	Selected Peers	Doc-Int	NSSE 2005	Selected Peers	Doc-Int	NSSE 2005
CLQUEST	2.74	2.71	2.74	2.86	.04	.03	.01	.00	.83	.83	.84	.84	407	805	3,903	47,880	.532	.987	.005	.04	.00	-.14
CLPRESEN	2.32	2.21	2.22	2.28	.04	.03	.01	.00	.78	.74	.77	.78	407	805	3,900	47,862	.017	.013	.247	.15	.13	.06
REWROPAP	2.65	2.79	2.69	2.65	.05	.03	.02	.00	.99	.99	.97	.98	407	803	3,891	47,822	.016	.386	.879	-.15	-.05	-.01
INTEGRAT	3.09	3.09	3.06	3.08	.04	.03	.01	.00	.72	.77	.80	.78	407	801	3,893	47,825	.960	.395	.727	.00	.04	.02
DIVCLASS	2.95	2.77	2.75	2.77	.04	.03	.01	.00	.83	.82	.86	.87	407	800	3,896	47,812	.000	.000	.000	.22	.23	.20
CLUNPREP	2.17	2.07	2.06	2.03	.04	.03	.01	.00	.79	.75	.76	.74	407	801	3,893	47,777	.035	.006	.000	.13	.15	.19
CLASSGRP	2.56	2.45	2.45	2.40	.04	.03	.01	.00	.82	.81	.83	.82	407	803	3,897	47,839	.031	.013	.000	.13	.13	.20
OCCGRP	2.44	2.34	2.36	2.43	.04	.03	.01	.00	.80	.76	.85	.84	407	803	3,897	47,852	.035	.067	.733	.13	.10	.02
INTIDEAS	2.65	2.54	2.54	2.57	.04	.03	.01	.00	.72	.76	.79	.80	391	763	3,708	45,950	.019	.004	.028	.14	.14	.10
TUTOR	1.75	1.67	1.71	1.72	.04	.03	.01	.00	.78	.80	.85	.84	390	762	3,709	45,974	.096	.381	.443	.10	.04	.04
COMMPROJ	1.53	1.46	1.49	1.54	.04	.03	.01	.00	.77	.75	.79	.81	391	760	3,707	45,958	.123	.382	.787	.10	.05	-.01
ITACADEM	2.70	2.64	2.63	2.61	.05	.04	.02	.00	1.04	.98	1.04	1.05	391	762	3,710	45,980	.420	.221	.096	.05	.07	.08
EMAIL	3.05	3.13	3.02	3.06	.04	.03	.01	.00	.79	.79	.85	.85	391	762	3,710	45,969	.109	.453	.947	-.10	.04	.00
FACGRADE	2.56	2.54	2.56	2.62	.04	.03	.01	.00	.81	.81	.86	.86	391	761	3,706	45,964	.654	.917	.118	.03	.01	-.07
FACPLANS	2.20	2.16	2.08	2.17	.05	.03	.01	.00	.91	.84	.87	.89	391	762	3,708	45,971	.461	.011	.386	.05	.14	.04
FACIDEAS	1.89	1.75	1.77	1.86	.04	.03	.01	.00	.88	.80	.84	.86	391	761	3,705	45,959	.006	.009	.491	.18	.14	.03
FACFEED	2.73	2.71	2.69	2.76	.04	.03	.01	.00	.77	.77	.80	.80	387	756	3,672	45,513	.606	.350	.493	.03	.05	-.03
WORKHARD	2.52	2.59	2.59	2.63	.04	.03	.01	.00	.83	.80	.84	.84	387	754	3,671	45,517	.172	.128	.011	-.09	-.08	-.13
FACOTHER	1.57	1.53	1.57	1.63	.04	.03	.01	.00	.80	.77	.81	.84	387	755	3,668	45,507	.385	.964	.136	.06	.00	-.08
OOCIDEAS	2.73	2.55	2.66	2.73	.04	.03	.01	.00	.87	.79	.85	.86	387	755	3,670	45,506	.001	.111	.980	.22	.09	.00
DIVRSTUD	2.82	2.44	2.61	2.60	.05	.04	.02	.00	.98	.97	1.01	1.02	386	755	3,670	45,493	.000	.000	.000	.39	.21	.22
DIFSTU2	3.01	2.74	2.75	2.77	.05	.03	.02	.00	.93	.95	.98	.97	387	756	3,672	45,501	.000	.000	.000	.28	.26	.24
MEMORIZE	2.92	3.01	2.92	2.85	.04	.03	.01	.00	.88	.80	.85	.88	385	751	3,644	45,221	.103	.954	.133	-.11	.00	.08
ANALYZE	3.01	3.04	3.06	3.09	.04	.03	.01	.00	.81	.77	.79	.78	385	751	3,641	45,193	.546	.201	.049	-.04	-.07	-.10
SYNTHESZ	2.81	2.90	2.84	2.87	.04	.03	.01	.00	.82	.82	.84	.84	385	750	3,643	45,173	.056	.394	.151	-.12	-.05	-.07
EVALUATE	2.83	2.83	2.81	2.84	.04	.03	.01	.00	.84	.82	.85	.85	385	751	3,643	45,189	.975	.696	.870	.00	.02	-.01
APPLYING	2.94	3.00	2.97	2.99	.04	.03	.01	.00	.86	.82	.85	.85	385	750	3,641	45,199	.212	.490	.261	-.08	-.04	-.06
READASGN	3.10	3.24	3.18	3.31	.05	.03	.02	.00	.93	.90	.92	.97	383	745	3,629	45,020	.014	.089	.000	-.16	-.09	-.22

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample 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.

READOWN	2.24	2.00	2.06	2.08	.05	.03	.02	.00	1.01	.85	.92	.91	382	745	3,629	45,017	.000	.001	.002	.28	.20	.18
WRITEMOR	1.30	1.19	1.24	1.25	.04	.02	.01	.00	.69	.56	.61	.63	383	745	3,626	45,005	.009	.096	.141	.19	.10	.08
WRITEMID	2.25	2.54	2.36	2.40	.04	.03	.01	.00	.79	.89	.85	.87	382	745	3,626	45,016	.000	.007	.000	-.33	-.14	-.17

Appendix C. Northern Arizona University's

First-Year Students

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU compared with:			NAU compared with:		
																	Selected Peers	Doc-Int	NSSE 2005	Selected Peers	Doc-Int	NSSE 2005
WRITESML	3.16	3.24	3.14	3.21	.05	.04	.02	.01	1.04	1.08	1.07	1.06	383	746	3,630	45,030	.235	.733	.366	-.07	.02	-.05
PROBSETA	2.44	2.49	2.57	2.56	.06	.04	.02	.01	1.11	1.09	1.10	1.11	381	738	3,612	44,760	.524	.027	.040	-.04	-.12	-.11
PROBSETB	2.81	2.77	2.73	2.70	.06	.04	.02	.01	1.17	1.16	1.20	1.20	381	737	3,608	44,723	.571	.206	.056	.04	.07	.10
EXAMS	5.22	5.49	5.43	5.46	.06	.04	.02	.01	1.15	1.03	1.12	1.13	382	740	3,621	44,900	.000	.000	.000	-.27	-.19	-.21
ATDART05	2.08	2.10	2.07	2.17	.05	.03	.01	.00	.89	.86	.88	.90	381	733	3,576	44,595	.687	.818	.037	-.03	.01	-.11
EXRCSE05	2.88	2.87	2.73	2.84	.05	.03	.02	.00	.94	.95	1.04	1.04	379	732	3,573	44,572	.802	.004	.399	.02	.14	.04
WORSHP05	2.14	1.95	2.06	2.16	.06	.04	.02	.01	1.13	1.07	1.10	1.11	380	731	3,575	44,575	.005	.131	.838	.19	.08	-.01
OWNVIEW	2.64	2.52	2.54	2.61	.04	.03	.01	.00	.86	.85	.89	.88	381	733	3,577	44,574	.021	.034	.530	.15	.11	.03
OTHRVIEW	2.87	2.73	2.76	2.77	.04	.03	.01	.00	.83	.82	.85	.84	381	732	3,576	44,586	.007	.012	.020	.17	.13	.12
CHNGVIEW	2.87	2.73	2.76	2.80	.04	.03	.01	.00	.82	.82	.84	.82	381	733	3,577	44,573	.006	.011	.106	.17	.14	.08
INTERN04	.08	.07	.07	.09	.01	.01	.00	.00	.28	.26	.25	.28	377	721	3,522	44,083	.504	.308	.956	.04	.06	.00
VOLNTR04	.38	.34	.39	.42	.02	.02	.01	.00	.48	.47	.49	.49	378	719	3,514	44,055	.254	.605	.066	.07	-.03	-.09
LRNCOM04	.14	.15	.17	.15	.02	.01	.01	.00	.35	.36	.38	.36	377	720	3,520	44,042	.674	.143	.745	-.03	-.07	-.02
RESRCH04	.05	.04	.05	.05	.01	.01	.00	.00	.22	.20	.22	.21	377	719	3,517	44,053	.440	.957	.640	.05	.00	.02
FORLNG04	.26	.23	.21	.25	.02	.02	.01	.00	.44	.42	.41	.43	377	721	3,518	44,064	.259	.047	.725	.07	.11	.02
STDABR04	.04	.02	.03	.02	.01	.01	.00	.00	.20	.15	.16	.15	377	722	3,520	44,048	.085	.137	.072	.14	.10	.12
INDSTD04	.05	.03	.03	.03	.01	.01	.00	.00	.22	.16	.18	.17	377	722	3,519	44,038	.077	.112	.078	.14	.11	.12
SNRX04	.04	.02	.01	.02	.01	.00	.00	.00	.20	.13	.12	.12	377	720	3,516	44,045	.025	.008	.009	.20	.24	.22
ENVSTU	5.44	5.62	5.38	5.56	.07	.05	.02	.01	1.39	1.26	1.38	1.34	378	714	3,511	44,040	.036	.409	.089	-.14	.04	-.09
ENVFAC	5.12	5.14	5.10	5.36	.07	.05	.02	.01	1.31	1.22	1.30	1.26	378	714	3,509	44,040	.859	.783	.000	-.01	.01	-.19
ENVADM	4.42	4.60	4.54	4.76	.07	.06	.03	.01	1.43	1.47	1.55	1.51	377	713	3,504	43,999	.052	.138	.000	-.12	-.08	-.22
ACADPR01	3.69	3.95	3.90	4.05	.08	.06	.03	.01	1.52	1.57	1.62	1.66	374	709	3,477	43,689	.008	.016	.000	-.17	-.13	-.22
WORKON01	1.82	1.55	1.58	1.66	.08	.05	.02	.01	1.56	1.22	1.29	1.29	374	709	3,474	43,696	.004	.004	.043	.22	.19	.13
WORKOF01	2.13	1.60	2.54	2.28	.11	.06	.04	.01	2.12	1.50	2.31	2.17	374	708	3,477	43,670	.000	.000	.189	.35	-.18	-.07
COCURR01	2.15	2.36	2.12	2.31	.08	.06	.02	.01	1.51	1.57	1.47	1.54	374	709	3,475	43,675	.031	.738	.037	-.14	.02	-.11

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample 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.

SOCIAL05	3.82	4.08	3.75	3.63	.09	.07	.03	.01	1.70	1.81	1.74	1.66	374	709	3,475	43,682	.018	.500	.032	-.15	.04	.11
CAREDE01	1.55	1.29	1.71	1.63	.08	.04	.03	.01	1.50	.98	1.60	1.57	374	708	3,476	43,665	.003	.062	.367	.27	-.10	-.05
COMMUTE	2.37	2.16	2.32	2.14	.05	.03	.02	.00	1.01	.92	1.12	1.04	374	709	3,477	43,691	.001	.453	.000	.23	.04	.21
ENVSCHOL	2.96	3.00	3.05	3.13	.04	.03	.01	.00	.75	.78	.78	.77	374	705	3,465	43,504	.339	.032	.000	-.06	-.12	-.22
ENVSUPRT	2.86	2.93	2.93	3.07	.04	.03	.01	.00	.82	.77	.82	.80	374	704	3,465	43,488	.195	.111	.000	-.09	-.09	-.25
ENVDIVRS	2.60	2.54	2.54	2.60	.05	.04	.02	.00	.95	.95	.97	.97	374	704	3,464	43,459	.331	.284	.973	.06	.06	.00

Appendix C. Northern Arizona University's

First-Year Students

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU compared with:			NAU compared with:		
																	Selected Peers	Doc-Int	NSSE 2005	Selected Peers	Doc-Int	NSSE 2005
ENVNACAD	2.04	2.12	2.06	2.17	.05	.03	.02	.00	.88	.86	.90	.92	374	702	3,462	43,441	.120	.687	.005	-.10	-.02	-.14
ENVSOCAL	2.33	2.42	2.28	2.38	.05	.03	.02	.00	.89	.88	.90	.92	374	701	3,457	43,408	.105	.313	.263	-.10	.05	-.06
ENVEVENT	2.60	2.77	2.67	2.84	.05	.03	.02	.00	.92	.89	.94	.91	374	705	3,464	43,458	.004	.189	.000	-.19	-.07	-.26
ENVCOMPT	3.27	3.33	3.34	3.32	.04	.03	.01	.00	.82	.78	.78	.78	374	704	3,462	43,475	.262	.119	.220	-.07	-.09	-.06
GNGENLED	3.06	3.19	3.07	3.18	.04	.03	.01	.00	.78	.73	.80	.78	371	696	3,429	43,053	.006	.895	.003	-.18	-.01	-.15
GNWORK	2.67	2.68	2.65	2.72	.05	.03	.02	.00	.89	.91	.95	.94	371	694	3,426	43,016	.878	.693	.296	-.01	.02	-.05
GNWRITE	2.80	2.96	2.91	3.00	.04	.03	.01	.00	.85	.82	.86	.85	370	696	3,428	43,038	.003	.022	.000	-.19	-.13	-.23
GNSPEAK	2.58	2.75	2.69	2.78	.05	.03	.02	.00	.92	.87	.91	.92	371	696	3,429	43,029	.002	.018	.000	-.20	-.13	-.22
GNANALY	3.03	3.13	3.10	3.18	.04	.03	.01	.00	.84	.77	.80	.79	370	695	3,426	43,028	.058	.137	.000	-.13	-.08	-.19
GNQUANT	2.76	2.82	2.84	2.84	.05	.03	.02	.00	.91	.86	.88	.89	370	695	3,427	42,970	.323	.103	.107	-.07	-.09	-.08
GNCMPTS	2.93	2.99	3.01	2.96	.05	.03	.02	.00	.90	.87	.90	.91	370	694	3,429	43,028	.311	.087	.456	-.07	-.09	-.04
GNOTHERS	2.86	2.94	2.88	2.95	.05	.03	.02	.00	.89	.85	.88	.87	370	694	3,426	43,028	.182	.690	.053	-.09	-.02	-.10
GNCITIZN	2.53	2.65	2.44	2.49	.05	.04	.02	.01	1.02	.99	1.07	1.07	367	688	3,395	42,762	.062	.133	.439	-.12	.08	.04
GNINQ	2.78	2.91	2.84	2.93	.05	.03	.01	.00	.90	.82	.87	.85	367	689	3,398	42,775	.019	.204	.001	-.16	-.07	-.18
GNSSELF	2.62	2.77	2.64	2.77	.05	.04	.02	.00	1.01	.94	.99	.96	367	688	3,396	42,772	.021	.765	.004	-.16	-.02	-.16
GNDIVERS	2.53	2.56	2.57	2.59	.05	.04	.02	.00	.95	.94	.96	.96	367	687	3,395	42,763	.585	.452	.258	-.04	-.04	-.06
GNPROBSV	2.54	2.57	2.54	2.58	.05	.03	.02	.00	.90	.88	.93	.92	367	687	3,395	42,769	.657	.986	.427	-.03	.00	-.04
GNETHICS	2.45	2.55	2.49	2.65	.05	.04	.02	.00	.98	.95	1.00	.99	367	687	3,392	42,766	.106	.452	.000	-.11	-.04	-.20
GNCOMMUN	2.25	2.29	2.28	2.43	.05	.03	.02	.00	.95	.91	.96	.98	367	687	3,391	42,762	.486	.545	.000	-.05	-.03	-.19
GNSPIRIT	2.02	2.00	2.00	2.15	.06	.04	.02	.01	1.07	.99	1.03	1.08	367	686	3,394	42,762	.765	.709	.025	.02	.02	-.12
ADVISE	2.90	2.94	2.85	3.00	.05	.03	.01	.00	.87	.85	.87	.83	367	690	3,400	42,893	.454	.318	.026	-.05	.05	-.12
ENTIREXP	3.13	3.19	3.09	3.22	.03	.02	.01	.00	.67	.64	.72	.71	367	690	3,401	42,921	.170	.289	.016	-.09	.06	-.12
SAMECOLL	3.21	3.29	3.12	3.22	.04	.03	.01	.00	.79	.79	.85	.83	367	690	3,401	42,903	.099	.064	.772	-.11	.10	-.02

IPEDS: 105330

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample 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.

Appendix C. Northern Arizona University's

Seniors

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU compared with:			NAU compared with:		
																	Selected Peers	Doc-Int	NSSE 2005	Selected Peers	Doc-Int	NSSE 2005
CLQUEST	3.23	3.13	3.08	3.16	.05	.03	.01	.00	.82	.82	.85	.83	260	759	4,210	50,480	.085	.003	.160	.12	.19	.09
CLPRESEN	2.97	2.90	2.83	2.88	.05	.03	.01	.00	.80	.82	.85	.84	260	758	4,206	50,465	.229	.005	.061	.09	.17	.11
REWROPAP	2.67	2.47	2.52	2.51	.06	.03	.02	.00	.97	.96	.98	.98	260	758	4,206	50,440	.004	.014	.007	.21	.16	.17
INTEGRAT	3.47	3.36	3.34	3.37	.04	.03	.01	.00	.67	.72	.73	.72	260	758	4,207	50,453	.035	.005	.020	.15	.18	.14
DIVCLASS	2.92	2.81	2.76	2.83	.06	.03	.01	.00	.93	.87	.92	.90	260	758	4,203	50,404	.107	.008	.131	.12	.17	.09
CLUNPREP	2.25	2.12	2.10	2.08	.05	.03	.01	.00	.83	.76	.75	.76	260	758	4,200	50,419	.026	.004	.001	.17	.20	.23
CLASSGRP	2.79	2.61	2.59	2.52	.05	.03	.01	.00	.84	.87	.88	.87	260	758	4,206	50,434	.004	.000	.000	.20	.23	.32
OCCGRP	2.84	2.91	2.83	2.77	.05	.03	.01	.00	.85	.83	.90	.88	260	759	4,207	50,455	.268	.884	.207	-.08	.01	.08
INTIDEAS	3.06	2.91	2.92	2.93	.05	.03	.01	.00	.79	.79	.79	.80	257	737	4,101	49,468	.012	.005	.008	.18	.18	.17
TUTOR	2.04	1.88	1.92	1.94	.06	.04	.02	.00	.97	.96	.97	.97	256	738	4,102	49,486	.024	.064	.097	.16	.12	.10
COMMPROJ	1.83	1.74	1.76	1.77	.06	.03	.01	.00	.89	.92	.92	.92	257	737	4,101	49,472	.170	.213	.270	.10	.08	.07
ITACADEM	2.98	2.91	2.87	2.81	.06	.04	.02	.00	1.02	.97	1.02	1.03	257	738	4,101	49,496	.344	.099	.010	.07	.11	.16
EMAIL	3.44	3.38	3.31	3.32	.05	.03	.01	.00	.72	.76	.78	.79	257	737	4,103	49,499	.261	.011	.007	.08	.16	.16
FACGRADE	3.02	2.88	2.83	2.87	.05	.03	.01	.00	.84	.85	.87	.86	257	738	4,102	49,488	.017	.000	.005	.17	.23	.18
FACPLANS	2.63	2.48	2.39	2.53	.06	.03	.01	.00	.95	.93	.95	.96	256	738	4,102	49,486	.031	.000	.131	.16	.25	.09
FACIDEAS	2.23	2.00	2.06	2.16	.06	.03	.01	.00	.92	.87	.90	.91	257	737	4,102	49,490	.000	.005	.215	.27	.19	.08
FACFEED	2.91	2.91	2.88	2.94	.05	.03	.01	.00	.79	.76	.78	.77	257	736	4,081	49,268	.886	.461	.590	.01	.05	-.03
WORKHARD	2.71	2.76	2.72	2.76	.05	.03	.01	.00	.85	.83	.85	.84	257	735	4,081	49,252	.401	.784	.333	-.06	-.02	-.06
FACOTHER	2.00	1.85	1.82	1.93	.06	.03	.01	.00	1.00	.94	.95	.97	257	736	4,079	49,258	.041	.004	.298	.15	.19	.07
OOCIDEAS	2.96	2.77	2.82	2.88	.06	.03	.01	.00	.89	.81	.84	.84	257	736	4,081	49,267	.002	.011	.157	.23	.16	.09
DIVRSTUD	2.84	2.51	2.65	2.65	.06	.04	.02	.00	.95	.99	1.01	.99	257	735	4,079	49,222	.000	.003	.002	.33	.18	.19
DIFFSTU2	2.97	2.66	2.72	2.76	.06	.03	.02	.00	.91	.92	.97	.95	257	736	4,081	49,228	.000	.000	.000	.34	.26	.23
MEMORIZE	2.61	2.81	2.74	2.70	.06	.03	.01	.00	.93	.86	.90	.92	257	731	4,064	49,093	.002	.019	.101	-.24	-.15	-.10
ANALYZE	3.21	3.18	3.22	3.24	.05	.03	.01	.00	.80	.75	.76	.74	257	731	4,062	49,091	.625	.800	.437	.04	-.02	-.05
SYNTHESZ	3.10	3.00	2.99	3.06	.05	.03	.01	.00	.84	.84	.86	.83	257	730	4,062	49,066	.117	.058	.433	.11	.12	.05
EVALUATE	2.96	2.90	2.94	2.99	.06	.03	.01	.00	.90	.86	.87	.86	257	731	4,061	49,071	.293	.658	.699	.08	.03	-.02
APPLYING	3.18	3.15	3.17	3.19	.05	.03	.01	.00	.80	.83	.84	.82	257	731	4,062	49,071	.664	.926	.713	.03	.01	-.02
READASGN	3.02	3.16	3.09	3.22	.06	.04	.02	.00	1.02	.98	1.00	1.03	257	726	4,042	48,893	.047	.293	.002	-.15	-.07	-.19

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample 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.

READOWN	2.34	2.17	2.19	2.22	.06	.03	.02	.00	1.03	.93	.96	.98	257	726	4,050	48,935	.019	.023	.061	.19	.16	.12
WRITEMOR	1.80	1.59	1.69	1.68	.05	.03	.01	.00	.84	.71	.79	.77	257	725	4,042	48,906	.000	.033	.015	.29	.14	.15
WRITEMID	2.57	2.67	2.62	2.68	.06	.04	.02	.00	.93	.96	.97	.97	257	725	4,044	48,920	.152	.373	.062	-.10	-.06	-.12

Appendix C. Northern Arizona University's

Seniors

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU compared with:			NAU compared with:		
																	Selected Peers	Doc-Int	NSSE 2005	Selected Peers	Doc-Int	NSSE 2005
WRITESML	3.24	3.26	3.09	3.13	.07	.04	.02	.01	1.20	1.19	1.20	1.19	257	726	4,046	48,921	.778	.064	.139	-.02	.12	.09
PROBSETA	2.62	2.45	2.58	2.51	.07	.04	.02	.01	1.17	1.11	1.17	1.19	256	720	4,019	48,549	.039	.643	.149	.15	.03	.09
PROBSETB	2.41	2.55	2.40	2.33	.07	.05	.02	.01	1.18	1.21	1.22	1.20	256	718	4,015	48,482	.104	.912	.303	-.12	.01	.06
EXAMS	5.38	5.34	5.40	5.44	.08	.05	.02	.01	1.31	1.22	1.23	1.22	257	720	4,030	48,690	.693	.733	.389	.03	-.02	-.05
ATDART05	2.06	1.97	1.97	2.08	.06	.03	.01	.00	.89	.86	.88	.91	257	718	4,016	48,674	.148	.115	.651	.11	.10	-.03
EXRCSE05	2.79	2.75	2.65	2.74	.07	.04	.02	.00	1.06	1.03	1.04	1.04	257	717	4,011	48,666	.591	.032	.395	.04	.14	.05
WORSHP05	2.27	2.12	2.13	2.23	.07	.04	.02	.01	1.17	1.10	1.11	1.12	257	717	4,016	48,660	.071	.056	.523	.14	.13	.04
OWNVIEW	2.79	2.66	2.65	2.73	.05	.03	.01	.00	.87	.86	.88	.87	257	718	4,013	48,662	.039	.014	.281	.15	.16	.07
OTHRVIEW	2.89	2.80	2.80	2.86	.06	.03	.01	.00	.89	.85	.86	.83	257	718	4,015	48,665	.175	.102	.574	.10	.11	.04
CHNGVIEW	2.87	2.78	2.83	2.88	.05	.03	.01	.00	.86	.81	.81	.81	257	717	4,014	48,649	.123	.478	.821	.11	.05	-.02
INTERN04	.52	.58	.53	.58	.03	.02	.01	.00	.50	.49	.50	.49	256	711	3,978	48,362	.126	.694	.048	-.11	-.03	-.13
VOLNTR04	.63	.65	.59	.64	.03	.02	.01	.00	.48	.48	.49	.48	256	711	3,978	48,346	.685	.223	.792	-.03	.08	-.02
LRNCOM04	.33	.28	.26	.27	.03	.02	.01	.00	.47	.45	.44	.44	256	709	3,971	48,325	.131	.018	.025	.11	.16	.15
RESRCH04	.23	.20	.19	.21	.03	.02	.01	.00	.42	.40	.40	.41	256	710	3,976	48,345	.316	.182	.507	.08	.09	.04
FORLNG04	.43	.42	.37	.46	.03	.02	.01	.00	.50	.49	.48	.50	256	709	3,975	48,346	.684	.054	.461	.03	.13	-.05
STDABR04	.13	.15	.14	.18	.02	.01	.01	.00	.34	.36	.35	.38	256	711	3,976	48,319	.399	.804	.036	-.06	-.02	-.12
INDSTD04	.21	.16	.20	.23	.03	.01	.01	.00	.41	.37	.40	.42	256	710	3,976	48,330	.114	.649	.483	.12	.03	-.04
SNRX04	.54	.35	.34	.38	.03	.02	.01	.00	.50	.48	.47	.49	256	710	3,975	48,326	.000	.000	.000	.41	.43	.33
ENVSTU	5.64	5.59	5.55	5.68	.08	.05	.02	.01	1.30	1.31	1.31	1.30	256	710	3,976	48,331	.605	.332	.597	.04	.06	-.03
ENVFAC	5.62	5.33	5.40	5.64	.08	.05	.02	.01	1.25	1.22	1.29	1.26	256	710	3,977	48,332	.001	.007	.833	.24	.17	-.01
ENVADM	4.56	4.45	4.52	4.63	.10	.06	.03	.01	1.63	1.62	1.64	1.66	256	710	3,978	48,297	.322	.709	.521	.07	.02	-.04
ACADPR01	3.93	3.99	3.96	4.09	.11	.06	.03	.01	1.76	1.63	1.72	1.75	256	704	3,955	48,048	.668	.812	.158	-.03	-.02	-.09
WORKON01	2.48	2.01	1.82	1.90	.14	.06	.03	.01	2.23	1.71	1.60	1.56	256	704	3,957	48,048	.003	.000	.000	.27	.41	.37
WORKOF01	3.40	3.19	3.90	3.50	.17	.10	.04	.01	2.73	2.61	2.77	2.74	255	706	3,959	48,030	.274	.006	.583	.08	-.18	-.03
COCURR01	1.90	2.25	1.99	2.19	.09	.06	.02	.01	1.36	1.54	1.39	1.55	256	705	3,955	48,066	.001	.322	.001	-.23	-.06	-.19

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample 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.

SOCIAL05	3.20	3.63	3.37	3.36	.10	.06	.02	.01	1.53	1.61	1.54	1.54	256	705	3,953	48,055	.000	.094	.115	-.26	-.11	-.10
CAREDE01	2.73	1.88	2.40	2.29	.17	.07	.04	.01	2.65	1.95	2.32	2.31	256	705	3,954	48,053	.000	.052	.008	.44	.14	.19
COMMUTE	2.46	2.39	2.45	2.31	.08	.04	.02	.00	1.29	1.04	1.05	1.09	256	705	3,957	48,063	.430	.835	.064	.07	.01	.14
ENVSCHOL	2.94	3.04	3.06	3.14	.05	.03	.01	.00	.81	.80	.78	.77	254	699	3,932	47,929	.091	.027	.000	-.12	-.14	-.25
ENVSUPRT	2.85	2.77	2.83	2.97	.05	.03	.01	.00	.82	.82	.83	.83	254	698	3,928	47,903	.181	.588	.031	.10	.04	-.14
ENVDIVRS	2.46	2.30	2.34	2.42	.06	.04	.02	.00	1.00	.96	.96	.98	254	699	3,924	47,854	.020	.047	.515	.17	.13	.04

Appendix C. Northern Arizona University's

Seniors

	Mean				Standard Error of the Mean ^a				Standard deviation ^b				Number of respondents				Significance ^c			Effect size ^d		
	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU	Selected Peers	Doc-Int	NSSE 2005	NAU compared with:			NAU compared with:		
																	Selected Peers	Doc-Int	NSSE 2005	Selected Peers	Doc-Int	NSSE 2005
ENVNACAD	1.94	1.82	1.85	1.97	.06	.03	.01	.00	.96	.85	.88	.91	254	698	3,921	47,843	.071	.113	.672	.14	.10	-.03
ENVSOCAL	2.15	2.10	2.05	2.17	.06	.03	.01	.00	.96	.89	.89	.91	253	697	3,915	47,781	.480	.136	.680	.05	.10	-.03
ENVEVENT	2.46	2.59	2.47	2.63	.06	.03	.01	.00	.92	.90	.94	.94	253	698	3,922	47,855	.055	.906	.005	-.14	-.01	-.18
ENVCOMPT	3.45	3.49	3.47	3.46	.05	.03	.01	.00	.75	.74	.74	.74	254	699	3,928	47,904	.394	.675	.792	-.06	-.03	-.02
GNGENLED	3.24	3.25	3.21	3.33	.05	.03	.01	.00	.82	.77	.81	.77	255	694	3,910	47,701	.895	.476	.082	-.01	.05	-.11
GNWORK	3.08	3.06	3.01	3.04	.06	.03	.01	.00	.91	.88	.92	.92	255	694	3,906	47,697	.750	.283	.480	.02	.07	.04
GNWRITE	3.09	3.07	3.05	3.14	.05	.03	.01	.00	.86	.86	.87	.84	255	694	3,904	47,707	.786	.567	.340	.02	.04	-.06
GNSPEAK	2.95	2.96	2.93	3.03	.06	.03	.01	.00	.94	.90	.91	.88	255	694	3,906	47,696	.920	.682	.168	-.01	.03	-.09
GNANALY	3.27	3.30	3.31	3.37	.05	.03	.01	.00	.77	.76	.76	.74	255	694	3,907	47,701	.554	.398	.030	-.04	-.05	-.14
GNQUANT	3.03	2.92	3.03	3.01	.06	.04	.01	.00	.88	.92	.88	.89	255	694	3,904	47,667	.106	.981	.817	.12	.00	.01
GNCMPTS	3.13	3.21	3.22	3.18	.06	.03	.01	.00	.93	.84	.84	.85	255	694	3,905	47,703	.265	.142	.440	-.09	-.10	-.05
GNOTHERS	3.12	3.20	3.14	3.18	.06	.03	.01	.00	.88	.83	.85	.83	255	694	3,907	47,691	.169	.706	.206	-.10	-.02	-.08
GNCITIZN	2.28	2.30	2.20	2.31	.07	.04	.02	.00	1.08	1.08	1.07	1.07	254	688	3,891	47,511	.812	.234	.661	-.02	.08	-.03
GNINQ	3.04	2.98	2.98	3.07	.06	.03	.01	.00	.93	.84	.89	.86	254	689	3,895	47,547	.441	.345	.532	.06	.06	-.04
GNSSELF	2.76	2.79	2.73	2.88	.07	.04	.02	.00	1.07	.99	1.02	.98	254	689	3,892	47,534	.658	.678	.077	-.03	.03	-.12
GNDIVERS	2.62	2.47	2.54	2.60	.06	.04	.02	.00	1.03	.97	.99	.99	253	690	3,894	47,536	.047	.263	.776	.15	.07	.02
GNPROBSV	2.71	2.65	2.71	2.72	.06	.03	.02	.00	.99	.91	.94	.94	254	690	3,897	47,554	.364	.940	.845	.07	.00	-.01
GNETHICS	2.60	2.62	2.60	2.74	.07	.04	.02	.00	1.06	1.00	1.04	1.02	254	690	3,896	47,543	.754	.965	.032	-.02	.00	-.13
GNCOMMUN	2.36	2.33	2.37	2.50	.06	.04	.02	.00	1.03	.97	1.03	1.01	254	690	3,894	47,542	.691	.848	.035	.03	-.01	-.13
GNSPIRIT	1.80	1.78	1.89	2.04	.06	.04	.02	.01	1.03	.98	1.05	1.09	254	690	3,895	47,524	.734	.204	.001	.03	-.08	-.22
ADVISE	2.79	2.62	2.76	2.94	.06	.04	.02	.00	.99	.96	.95	.92	254	694	3,904	47,650	.019	.614	.015	.17	.03	-.17
ENTIREXP	3.13	3.17	3.14	3.27	.05	.03	.01	.00	.74	.69	.73	.71	254	693	3,907	47,662	.535	.879	.003	-.05	-.01	-.18
SAMECOLL	3.19	3.16	3.09	3.19	.05	.03	.01	.00	.86	.86	.86	.85	254	694	3,908	47,653	.695	.083	.917	.03	.11	-.01

IPEDS: 105330

^a The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the sample 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.

Northern Arizona University

Frequency Distributions

August 2005

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
1a. Asked questions in class or contributed to class discussions	CLQUEST	Never	13	3%	26	3%	135	3%	1,262	3%	4	2%	6	1%	84	2%	755	1%
		Sometimes	166	41%	345	43%	1,598	41%	16,950	35%	52	20%	192	25%	1,127	27%	11,858	23%
		Often	140	34%	268	33%	1,302	33%	16,828	35%	83	32%	256	34%	1,385	33%	16,329	32%
		Very often	88	22%	166	21%	868	22%	12,840	27%	121	47%	305	40%	1,614	38%	21,538	43%
		Total	407	100%	805	100%	3,903	100%	47,880	100%	260	100%	759	100%	4,210	100%	50,480	100%
b. Made a class presentation	CLPRESEN	Never	44	11%	107	13%	569	15%	6,172	13%	4	2%	23	3%	185	4%	1,777	4%
		Sometimes	224	55%	470	58%	2,154	55%	25,911	54%	74	28%	229	30%	1,398	33%	15,891	31%
		Often	103	25%	180	22%	921	24%	12,134	25%	107	41%	305	40%	1,571	37%	19,422	38%
		Very often	36	9%	48	6%	256	7%	3,645	8%	75	29%	201	27%	1,052	25%	13,375	27%
		Total	407	100%	805	100%	3,900	100%	47,862	100%	260	100%	758	100%	4,206	100%	50,465	100%
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	Never	60	15%	91	11%	473	12%	6,273	13%	28	11%	117	15%	636	15%	7,731	15%
		Sometimes	118	29%	222	28%	1,216	31%	15,197	32%	95	37%	303	40%	1,605	38%	19,225	38%
		Often	135	33%	253	32%	1,245	32%	15,174	32%	71	27%	200	26%	1,108	26%	13,504	27%
		Very often	94	23%	237	30%	957	25%	11,178	23%	66	25%	138	18%	857	20%	9,980	20%
		Total	407	100%	803	100%	3,891	100%	47,822	100%	260	100%	758	100%	4,206	100%	50,440	100%
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	Never	4	1%	8	1%	92	2%	870	2%	1	0%	9	1%	47	1%	430	1%
		Sometimes	77	19%	179	22%	851	22%	10,061	21%	23	9%	84	11%	502	12%	5,806	12%
		Often	204	50%	348	43%	1,687	43%	21,346	45%	89	34%	289	38%	1,634	39%	19,096	38%
		Very often	122	30%	266	33%	1,263	32%	15,548	33%	147	57%	376	50%	2,024	48%	25,121	50%
		Total	407	100%	801	100%	3,893	100%	47,825	100%	260	100%	758	100%	4,207	100%	50,453	100%
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or assignments	DIVCLASS	Never	18	4%	37	5%	257	7%	2,946	6%	16	6%	40	5%	328	8%	3,057	6%
		Sometimes	98	24%	273	34%	1,299	33%	15,700	33%	77	30%	250	33%	1,421	34%	15,986	32%
		Often	179	44%	328	41%	1,513	39%	18,410	39%	80	31%	280	37%	1,393	33%	17,760	35%
		Very often	112	28%	162	20%	827	21%	10,756	22%	87	33%	188	25%	1,061	25%	13,601	27%
		Total	407	100%	800	100%	3,896	100%	47,812	100%	260	100%	758	100%	4,203	100%	50,404	100%
f. Come to class without completing readings or assignments	CLUNPREP	Never	65	16%	154	19%	791	20%	10,054	21%	40	15%	128	17%	752	18%	9,580	19%
		Sometimes	240	59%	480	60%	2,309	59%	28,972	61%	138	53%	455	60%	2,521	60%	30,366	60%
		Often	70	17%	124	15%	572	15%	6,232	13%	58	22%	128	17%	679	16%	7,343	15%
		Very often	32	8%	43	5%	221	6%	2,519	5%	24	9%	47	6%	248	6%	3,130	6%
		Total	407	100%	801	100%	3,893	100%	47,777	100%	260	100%	758	100%	4,200	100%	50,419	100%
g. Worked with other students on projects during class	CLASSGRP	Never	33	8%	79	10%	404	10%	5,493	11%	14	5%	55	7%	354	8%	4,986	10%
		Sometimes	167	41%	364	45%	1,768	45%	22,479	47%	83	32%	326	43%	1,777	42%	22,191	44%
		Often	153	38%	277	34%	1,281	33%	15,093	32%	106	41%	233	31%	1,317	31%	15,466	31%
		Very often	54	13%	83	10%	444	11%	4,774	10%	57	22%	144	19%	758	18%	7,791	15%
		Total	407	100%	803	100%	3,897	100%	47,839	100%	260	100%	758	100%	4,206	100%	50,434	100%

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
h. Worked with classmates outside of class to prepare class assignments	OCCGRP	Never	39	10%	87	11%	540	14%	5,603	12%	12	5%	21	3%	261	6%	3,079	6%
		Sometimes	190	47%	411	51%	1,813	47%	21,790	46%	81	31%	240	32%	1,334	32%	17,407	35%
		Often	137	34%	249	31%	1,138	29%	14,837	31%	104	40%	288	38%	1,469	35%	17,909	35%
		Very often	41	10%	56	7%	406	10%	5,622	12%	63	24%	210	28%	1,143	27%	12,060	24%
		Total	407	100%	803	100%	3,897	100%	47,852	100%	260	100%	759	100%	4,207	100%	50,455	100%
i. Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	Never	14	4%	43	6%	254	7%	2,954	6%	8	3%	19	3%	105	3%	1,330	3%
		Sometimes	150	38%	342	45%	1,637	44%	19,752	43%	48	19%	207	28%	1,144	28%	13,633	28%
		Often	185	47%	298	39%	1,379	37%	17,259	38%	122	47%	329	45%	1,843	45%	21,852	44%
		Very often	42	11%	80	10%	438	12%	5,985	13%	79	31%	182	25%	1,009	25%	12,653	26%
		Total	391	100%	763	100%	3,708	100%	45,950	100%	257	100%	737	100%	4,101	100%	49,468	100%
j. Tutored or taught other students (paid or voluntary)	TUTOR	Never	169	43%	384	50%	1,847	50%	22,513	49%	86	34%	318	43%	1,676	41%	19,764	40%
		Sometimes	160	41%	275	36%	1,261	34%	16,092	35%	103	40%	257	35%	1,476	36%	18,050	36%
		Often	51	13%	76	10%	423	11%	5,176	11%	38	15%	95	13%	538	13%	6,625	13%
		Very often	10	3%	27	4%	178	5%	2,193	5%	29	11%	68	9%	412	10%	5,047	10%
		Total	390	100%	762	100%	3,709	100%	45,974	100%	256	100%	738	100%	4,102	100%	49,486	100%
k. Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	Never	239	61%	514	68%	2,436	66%	28,676	62%	111	43%	380	52%	2,064	50%	24,606	50%
		Sometimes	109	28%	165	22%	847	23%	11,482	25%	96	37%	222	30%	1,272	31%	15,432	31%
		Often	31	8%	61	8%	292	8%	4,041	9%	33	13%	83	11%	470	11%	5,878	12%
		Very often	12	3%	20	3%	132	4%	1,759	4%	17	7%	52	7%	295	7%	3,556	7%
		Total	391	100%	760	100%	3,707	100%	45,958	100%	257	100%	737	100%	4,101	100%	49,472	100%
l. Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	Never	51	13%	92	12%	627	17%	7,968	17%	27	11%	58	8%	453	11%	6,055	12%
		Sometimes	137	35%	270	35%	1,080	29%	13,785	30%	54	21%	207	28%	1,068	26%	13,745	28%
		Often	83	21%	217	28%	1,050	28%	12,560	27%	73	28%	214	29%	1,130	28%	13,027	26%
		Very often	120	31%	183	24%	953	26%	11,667	25%	103	40%	259	35%	1,450	35%	16,669	34%
		Total	391	100%	762	100%	3,710	100%	45,980	100%	257	100%	738	100%	4,101	100%	49,496	100%
m. Used e-mail to communicate with an instructor	EMAIL	Never	4	1%	10	1%	107	3%	1,258	3%	1	0%	11	1%	45	1%	574	1%
		Sometimes	101	26%	162	21%	986	27%	11,461	25%	32	12%	93	13%	676	16%	8,195	17%
		Often	156	40%	307	40%	1,343	36%	16,681	36%	77	30%	239	32%	1,335	33%	15,680	32%
		Very often	130	33%	283	37%	1,274	34%	16,569	36%	147	57%	394	53%	2,047	50%	25,050	51%
		Total	391	100%	762	100%	3,710	100%	45,969	100%	257	100%	737	100%	4,103	100%	49,499	100%
n. Discussed grades or assignments with an instructor	FACGRADE	Never	29	7%	52	7%	301	8%	3,190	7%	2	1%	25	3%	166	4%	1,765	4%
		Sometimes	164	42%	353	46%	1,646	44%	19,373	42%	81	32%	242	33%	1,456	35%	16,697	34%
		Often	148	38%	251	33%	1,158	31%	14,916	32%	83	32%	270	37%	1,403	34%	17,172	35%
		Very often	50	13%	105	14%	601	16%	8,485	18%	91	35%	201	27%	1,077	26%	13,854	28%
		Total	391	100%	761	100%	3,706	100%	45,964	100%	257	100%	738	100%	4,102	100%	49,488	100%

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	
o. Talked about career plans with a faculty member or advisor	FACPLANS	Never	90	23%	157	21%	974	26%	10,618	23%	27	11%	104	14%	697	17%	6,731	14%
		Sometimes	169	43%	383	50%	1,743	47%	21,479	47%	101	39%	302	41%	1,763	43%	19,569	40%
		Often	94	24%	162	21%	704	19%	9,522	21%	69	27%	207	28%	984	24%	13,216	27%
		Very often	38	10%	60	8%	287	8%	4,352	9%	59	23%	125	17%	658	16%	9,970	20%
		Total	391	100%	762	100%	3,708	100%	45,971	100%	256	100%	738	100%	4,102	100%	49,486	100%
p. Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	Never	149	38%	335	44%	1,651	45%	18,171	40%	59	23%	222	30%	1,161	28%	12,095	24%
		Sometimes	162	41%	315	41%	1,423	38%	18,801	41%	107	42%	351	48%	1,901	46%	22,702	46%
		Often	55	14%	81	11%	461	12%	6,359	14%	64	25%	107	15%	661	16%	9,438	19%
		Very often	25	6%	30	4%	170	5%	2,628	6%	27	11%	57	8%	379	9%	5,255	11%
		Total	391	100%	761	100%	3,705	100%	45,959	100%	257	100%	737	100%	4,102	100%	49,490	100%
q. Received prompt feedback from faculty on your academic performance (written or oral)	FACFEED	Never	20	5%	34	4%	212	6%	2,137	5%	3	1%	24	3%	139	3%	1,245	3%
		Sometimes	120	31%	265	35%	1,260	34%	14,797	33%	83	32%	178	24%	1,095	27%	12,290	25%
		Often	190	49%	344	46%	1,639	45%	20,351	45%	104	40%	377	51%	1,974	48%	23,857	48%
		Very often	57	15%	113	15%	561	15%	8,228	18%	67	26%	157	21%	873	21%	11,876	24%
		Total	387	100%	756	100%	3,672	100%	45,513	100%	257	100%	736	100%	4,081	100%	49,268	100%
r. Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	Never	38	10%	46	6%	307	8%	3,337	7%	16	6%	41	6%	250	6%	2,650	5%
		Sometimes	155	40%	321	43%	1,425	39%	17,381	38%	93	36%	242	33%	1,435	35%	16,913	34%
		Often	147	38%	280	37%	1,395	38%	17,420	38%	98	38%	305	41%	1,591	39%	19,335	39%
		Very often	47	12%	107	14%	544	15%	7,379	16%	50	19%	147	20%	805	20%	10,354	21%
		Total	387	100%	754	100%	3,671	100%	45,517	100%	257	100%	735	100%	4,081	100%	49,252	100%
s. Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	Never	234	60%	468	62%	2,213	60%	25,440	56%	99	39%	326	44%	1,940	48%	20,438	41%
		Sometimes	96	25%	199	26%	967	26%	13,328	29%	89	35%	249	34%	1,252	31%	16,402	33%
		Often	47	12%	66	9%	353	10%	4,776	10%	40	16%	103	14%	565	14%	7,713	16%
		Very often	10	3%	22	3%	135	4%	1,963	4%	29	11%	58	8%	322	8%	4,705	10%
		Total	387	100%	755	100%	3,668	100%	45,507	100%	257	100%	736	100%	4,079	100%	49,258	100%
t. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	Never	24	6%	46	6%	237	6%	2,666	6%	10	4%	28	4%	166	4%	1,684	3%
		Sometimes	142	37%	342	45%	1,460	40%	16,692	37%	77	30%	266	36%	1,366	33%	15,478	31%
		Often	136	35%	270	36%	1,301	35%	16,520	36%	84	33%	292	40%	1,586	39%	19,021	39%
		Very often	85	22%	97	13%	672	18%	9,628	21%	86	33%	150	20%	963	24%	13,084	27%
		Total	387	100%	755	100%	3,670	100%	45,506	100%	257	100%	736	100%	4,081	100%	49,267	100%
u. Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	Never	38	10%	130	17%	533	15%	6,956	15%	21	8%	111	15%	547	13%	6,069	12%
		Sometimes	111	29%	291	39%	1,242	34%	15,450	34%	78	30%	289	39%	1,376	34%	17,439	35%
		Often	118	31%	204	27%	1,002	27%	12,002	26%	80	31%	181	25%	1,100	27%	13,281	27%
		Very often	119	31%	130	17%	893	24%	11,085	24%	78	30%	154	21%	1,056	26%	12,433	25%
		Total	386	100%	755	100%	3,670	100%	45,493	100%	257	100%	735	100%	4,079	100%	49,222	100%

		First-Year Students								Seniors							
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005	
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %
v. Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFSTU2																
	Never	25	6%	70	9%	394	11%	4,344	10%	13	5%	70	10%	419	10%	4,370	9%
	Sometimes	92	24%	255	34%	1,163	32%	14,582	32%	71	28%	270	37%	1,402	34%	16,677	34%
	Often	126	33%	236	31%	1,088	30%	13,634	30%	83	32%	235	32%	1,177	29%	14,753	30%
	Very often	144	37%	195	26%	1,027	28%	12,941	28%	90	35%	161	22%	1,083	27%	13,428	27%
	Total	387	100%	756	100%	3,672	100%	45,501	100%	257	100%	736	100%	4,081	100%	49,228	100%
2a. Coursework emphasizes: Memorizing facts, ideas, or methods from your courses and readings	MEMORIZE																
	Very little	22	6%	22	3%	178	5%	2,864	6%	32	12%	44	6%	329	8%	4,872	10%
	Some	99	26%	172	23%	939	26%	12,781	28%	84	33%	218	30%	1,301	32%	15,869	32%
	Quite a bit	152	39%	336	45%	1,535	42%	17,768	39%	94	37%	300	41%	1,519	37%	17,381	35%
	Very much	112	29%	221	29%	992	27%	11,808	26%	47	18%	169	23%	915	23%	10,971	22%
	Total	385	100%	751	100%	3,644	100%	45,221	100%	257	100%	731	100%	4,064	100%	49,093	100%
b. Coursework emphasizes: Analyzing the basic elements of an idea, experience, or theory	ANALYZE																
	Very little	13	3%	13	2%	80	2%	999	2%	8	3%	13	2%	77	2%	691	1%
	Some	84	22%	168	22%	778	21%	9,030	20%	36	14%	113	15%	586	14%	6,968	14%
	Quite a bit	175	45%	348	46%	1,620	44%	20,216	45%	108	42%	335	46%	1,771	44%	21,186	43%
	Very much	113	29%	222	30%	1,163	32%	14,948	33%	105	41%	270	37%	1,628	40%	20,246	41%
	Total	385	100%	751	100%	3,641	100%	45,193	100%	257	100%	731	100%	4,062	100%	49,091	100%
c. Coursework emphasizes: Synthesizing and organizing ideas, information, or experiences	SYNTHESZ																
	Very little	16	4%	27	4%	175	5%	2,087	5%	6	2%	31	4%	171	4%	1,639	3%
	Some	127	33%	213	28%	1,091	30%	13,042	29%	62	24%	161	22%	986	24%	10,698	22%
	Quite a bit	158	41%	315	42%	1,506	41%	18,840	42%	90	35%	314	43%	1,606	40%	19,979	41%
	Very much	84	22%	195	26%	871	24%	11,204	25%	99	39%	224	31%	1,299	32%	16,750	34%
	Total	385	100%	750	100%	3,643	100%	45,173	100%	257	100%	730	100%	4,062	100%	49,066	100%
d. Coursework emphasizes: Making judgments about the value of information, arguments, or methods	EVALUATE																
	Very little	16	4%	36	5%	219	6%	2,564	6%	16	6%	40	5%	222	5%	2,351	5%
	Some	125	32%	217	29%	1,073	29%	13,062	29%	61	24%	188	26%	1,001	25%	11,577	24%
	Quite a bit	152	39%	337	45%	1,520	42%	18,678	41%	96	37%	309	42%	1,636	40%	19,558	40%
	Very much	92	24%	161	21%	831	23%	10,885	24%	84	33%	194	27%	1,202	30%	15,585	32%
	Total	385	100%	751	100%	3,643	100%	45,189	100%	257	100%	731	100%	4,061	100%	49,071	100%
e. Coursework emphasizes: Applying theories or concepts to practical problems or in new situations	APPLYING																
	Very little	14	4%	25	3%	150	4%	1,879	4%	7	3%	26	4%	139	3%	1,334	3%
	Some	112	29%	178	24%	934	26%	11,009	24%	42	16%	130	18%	712	18%	8,479	17%
	Quite a bit	143	37%	316	42%	1,435	39%	18,151	40%	107	42%	284	39%	1,530	38%	18,599	38%
	Very much	116	30%	231	31%	1,122	31%	14,160	31%	101	39%	291	40%	1,681	41%	20,659	42%
	Total	385	100%	750	100%	3,641	100%	45,199	100%	257	100%	731	100%	4,062	100%	49,071	100%
3a. Number of assigned textbooks, books, or book-length packs of course readings	READASGN																
	None	9	2%	7	1%	30	1%	398	1%	6	2%	9	1%	56	1%	587	1%
	Between 1-4	88	23%	140	19%	830	23%	9,116	20%	87	34%	187	26%	1,234	31%	13,083	27%
	Between 5-10	175	46%	336	45%	1,556	43%	17,385	39%	87	34%	290	40%	1,501	37%	17,286	35%
	Between 11-20	78	20%	191	26%	871	24%	12,204	27%	50	19%	157	22%	804	20%	10,996	22%
	More than 20	33	9%	71	10%	342	9%	5,917	13%	27	11%	83	11%	447	11%	6,941	14%
	Total	383	100%	745	100%	3,629	100%	45,020	100%	257	100%	726	100%	4,042	100%	48,893	100%

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	None	73	19%	194	26%	914	25%	10,653	24%	41	16%	145	20%	822	20%	9,412	19%
		Between 1-4	211	55%	415	56%	1,985	55%	25,127	56%	139	54%	402	55%	2,194	54%	26,573	54%
		Between 5-10	54	14%	95	13%	460	13%	5,847	13%	41	16%	120	17%	652	16%	7,831	16%
		Between 11-20	22	6%	23	3%	148	4%	1,903	4%	21	8%	31	4%	215	5%	2,814	6%
		More than 20	22	6%	18	2%	122	3%	1,487	3%	15	6%	28	4%	167	4%	2,305	5%
		Total	382	100%	745	100%	3,629	100%	45,017	100%	257	100%	726	100%	4,050	100%	48,935	100%
c. Number of written papers or reports of 20 pages or more	WRITEMOR	None	305	80%	643	86%	2,996	83%	37,056	82%	100	39%	367	51%	1,847	46%	22,188	45%
		Between 1-4	55	14%	78	10%	493	14%	6,060	13%	126	49%	306	42%	1,784	44%	22,162	45%
		Between 5-10	13	3%	13	2%	77	2%	1,054	2%	18	7%	39	5%	281	7%	3,143	6%
		Between 11-20	7	2%	6	1%	31	1%	475	1%	9	4%	8	1%	81	2%	831	2%
		More than 20	3	1%	5	1%	29	1%	360	1%	4	2%	5	1%	49	1%	582	1%
		Total	383	100%	745	100%	3,626	100%	45,005	100%	257	100%	725	100%	4,042	100%	48,906	100%
d. Number of written papers or reports between 5 and 19 pages	WRITEMID	None	48	13%	70	9%	449	12%	5,057	11%	19	7%	55	8%	340	8%	3,626	7%
		Between 1-4	222	58%	321	43%	1,820	50%	22,809	51%	124	48%	298	41%	1,730	43%	19,982	41%
		Between 5-10	86	23%	249	33%	1,002	28%	12,319	27%	73	28%	239	33%	1,287	32%	16,028	33%
		Between 11-20	22	6%	90	12%	308	8%	3,930	9%	31	12%	99	14%	486	12%	6,924	14%
		More than 20	4	1%	15	2%	47	1%	901	2%	10	4%	34	5%	201	5%	2,360	5%
		Total	382	100%	745	100%	3,626	100%	45,016	100%	257	100%	725	100%	4,044	100%	48,920	100%
e. Number of written papers or reports of fewer than 5 pages	WRITESML	None	8	2%	17	2%	125	3%	1,312	3%	11	4%	35	5%	260	6%	3,020	6%
		Between 1-4	108	28%	198	27%	1,008	28%	11,463	25%	75	29%	189	26%	1,263	31%	14,493	30%
		Between 5-10	129	34%	231	31%	1,187	33%	14,849	33%	66	26%	201	28%	1,036	26%	12,971	27%
		Between 11-20	89	23%	186	25%	836	23%	11,098	25%	52	20%	153	21%	807	20%	10,114	21%
		More than 20	49	13%	114	15%	474	13%	6,308	14%	53	21%	148	20%	680	17%	8,323	17%
		Total	383	100%	746	100%	3,630	100%	45,030	100%	257	100%	726	100%	4,046	100%	48,921	100%
4a. Number of problem sets that take you more than an hour to complete	PROBSETA	None	77	20%	126	17%	540	15%	7,021	16%	44	17%	138	19%	712	18%	10,476	22%
		1-2	142	37%	293	40%	1,378	38%	16,948	38%	84	33%	283	39%	1,404	35%	16,204	33%
		3-4	107	28%	208	28%	1,081	30%	13,222	30%	80	31%	195	27%	1,154	29%	13,184	27%
		5-6	27	7%	57	8%	314	9%	3,941	9%	22	9%	47	7%	349	9%	4,032	8%
		More than 6	28	7%	54	7%	299	8%	3,628	8%	26	10%	57	8%	400	10%	4,653	10%
		Total	381	100%	738	100%	3,612	100%	44,760	100%	256	100%	720	100%	4,019	100%	48,549	100%
b. Number of problem sets that take you less than an hour to complete	PROBSETB	None	40	10%	85	12%	495	14%	6,743	15%	56	22%	142	20%	1,023	25%	13,602	28%
		1-2	135	35%	257	35%	1,282	36%	15,799	35%	108	42%	256	36%	1,451	36%	17,142	35%
		3-4	110	29%	220	30%	953	26%	11,819	26%	46	18%	180	25%	824	21%	9,837	20%
		5-6	48	13%	91	12%	450	12%	5,072	11%	23	9%	61	8%	340	8%	3,813	8%
		More than 6	48	13%	84	11%	428	12%	5,290	12%	23	9%	79	11%	377	9%	4,088	8%
		Total	381	100%	737	100%	3,608	100%	44,723	100%	256	100%	718	100%	4,015	100%	48,482	100%

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
5. 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	Very little	2	1%	2	0%	19	1%	251	1%	2	1%	6	1%	48	1%	499	1%
		2	4	1%	4	1%	38	1%	516	1%	6	2%	16	2%	63	2%	790	2%
		3	27	7%	17	2%	116	3%	1,399	3%	16	6%	34	5%	157	4%	1,838	4%
		4	52	14%	78	11%	447	12%	5,506	12%	31	12%	78	11%	485	12%	5,598	11%
		5	130	34%	265	36%	1,160	32%	13,692	30%	72	28%	239	33%	1,198	30%	14,238	29%
		6	124	32%	251	34%	1,241	34%	15,683	35%	74	29%	230	32%	1,348	33%	16,227	33%
		Very much	43	11%	123	17%	600	17%	7,853	17%	56	22%	117	16%	731	18%	9,500	20%
	Total	382	100%	740	100%	3,621	100%	44,900	100%	257	100%	720	100%	4,030	100%	48,690	100%	
6a. Attended an art exhibit, gallery, play, dance, or other theater performance	ATDART05	Never	102	27%	178	24%	973	27%	10,156	23%	70	27%	222	31%	1,285	32%	13,233	27%
		Sometimes	183	48%	365	50%	1,709	48%	21,244	48%	127	49%	356	50%	1,886	47%	22,971	47%
		Often	61	16%	130	18%	582	16%	8,534	19%	35	14%	82	11%	528	13%	7,619	16%
		Very often	35	9%	60	8%	312	9%	4,661	10%	25	10%	58	8%	317	8%	4,851	10%
		Total	381	100%	733	100%	3,576	100%	44,595	100%	257	100%	718	100%	4,016	100%	48,674	100%
b. Exercised or participated in physical fitness activities	EXRCSE05	Never	26	7%	51	7%	471	13%	5,123	11%	35	14%	84	12%	588	15%	6,278	13%
		Sometimes	115	30%	229	31%	1,108	31%	12,631	28%	72	28%	238	33%	1,342	33%	15,625	32%
		Often	115	30%	217	30%	895	25%	10,948	25%	61	24%	166	23%	967	24%	11,318	23%
		Very often	123	32%	235	32%	1,099	31%	15,870	36%	89	35%	229	32%	1,114	28%	15,445	32%
		Total	379	100%	732	100%	3,573	100%	44,572	100%	257	100%	717	100%	4,011	100%	48,666	100%
c. Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHP05	Never	147	39%	334	46%	1,483	41%	16,384	37%	89	35%	270	38%	1,504	37%	16,428	34%
		Sometimes	104	27%	204	28%	988	28%	13,063	29%	69	27%	213	30%	1,214	30%	14,669	30%
		Often	56	15%	91	12%	528	15%	6,899	15%	39	15%	111	15%	575	14%	7,624	16%
		Very often	73	19%	102	14%	576	16%	8,229	18%	60	23%	123	17%	723	18%	9,939	20%
		Total	380	100%	731	100%	3,575	100%	44,575	100%	257	100%	717	100%	4,016	100%	48,660	100%
d. Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	Never	33	9%	69	9%	386	11%	4,021	9%	14	5%	57	8%	341	8%	3,303	7%
		Sometimes	133	35%	320	44%	1,454	41%	17,059	38%	88	34%	263	37%	1,496	37%	16,972	35%
		Often	152	40%	239	33%	1,150	32%	15,570	35%	94	37%	268	37%	1,415	35%	18,081	37%
		Very often	63	17%	105	14%	587	16%	7,924	18%	61	24%	130	18%	761	19%	10,306	21%
		Total	381	100%	733	100%	3,577	100%	44,574	100%	257	100%	718	100%	4,013	100%	48,662	100%
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	Never	16	4%	39	5%	190	5%	2,206	5%	14	5%	32	4%	208	5%	1,918	4%
		Sometimes	109	29%	254	35%	1,240	35%	15,241	34%	76	30%	247	34%	1,336	33%	15,017	31%
		Often	163	43%	303	41%	1,379	39%	17,539	39%	92	36%	270	38%	1,535	38%	19,790	41%
		Very often	93	24%	136	19%	767	21%	9,600	22%	75	29%	169	24%	936	23%	11,940	25%
		Total	381	100%	732	100%	3,576	100%	44,586	100%	257	100%	718	100%	4,015	100%	48,665	100%
f. Learned something that changed the way you understand an issue or concept	CHNGVIEW	Never	11	3%	30	4%	158	4%	1,649	4%	9	4%	26	4%	107	3%	1,202	2%
		Sometimes	122	32%	279	38%	1,313	37%	15,475	35%	87	34%	255	36%	1,395	35%	15,572	32%
		Often	153	40%	283	39%	1,344	38%	17,467	39%	90	35%	290	40%	1,583	39%	19,742	41%
		Very often	95	25%	141	19%	762	21%	9,982	22%	71	28%	146	20%	929	23%	12,133	25%
		Total	381	100%	733	100%	3,577	100%	44,573	100%	257	100%	717	100%	4,014	100%	48,649	100%

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
7a. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	Have not decided	55	15%	96	13%	486	14%	5,837	13%	15	6%	44	6%	301	8%	3,275	7%
		Do not plan to do	28	7%	20	3%	118	3%	1,707	4%	36	14%	111	16%	634	16%	7,657	16%
		Plan to do	262	69%	552	77%	2,673	76%	32,762	74%	72	28%	147	21%	926	23%	9,296	19%
		Done	32	8%	53	7%	245	7%	3,777	9%	133	52%	409	58%	2,117	53%	28,134	58%
		Total	377	100%	721	100%	3,522	100%	44,083	100%	256	100%	711	100%	3,978	100%	48,362	100%
b. Community service or volunteer work	VOLNTR04	Have not decided	47	12%	112	16%	513	15%	5,931	13%	24	9%	66	9%	395	10%	4,153	9%
		Do not plan to do	30	8%	43	6%	244	7%	2,834	6%	35	14%	101	14%	711	18%	7,518	16%
		Plan to do	159	42%	319	44%	1,389	40%	16,707	38%	35	14%	84	12%	506	13%	5,698	12%
		Done	142	38%	245	34%	1,368	39%	18,583	42%	162	63%	460	65%	2,366	59%	30,977	64%
		Total	378	100%	719	100%	3,514	100%	44,055	100%	256	100%	711	100%	3,978	100%	48,346	100%
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	Have not decided	103	27%	236	33%	1,190	34%	16,187	37%	36	14%	76	11%	575	14%	6,700	14%
		Do not plan to do	127	34%	239	33%	992	28%	11,944	27%	123	48%	390	55%	2,048	52%	25,389	53%
		Plan to do	93	25%	135	19%	735	21%	9,339	21%	12	5%	44	6%	315	8%	3,415	7%
		Done	54	14%	110	15%	603	17%	6,572	15%	85	33%	199	28%	1,033	26%	12,821	27%
		Total	377	100%	720	100%	3,520	100%	44,042	100%	256	100%	709	100%	3,971	100%	48,325	100%
d. Worked on a research project with a faculty member outside of course or program requirements	RESRCH04	Have not decided	134	36%	303	42%	1,422	40%	18,238	41%	39	15%	96	14%	637	16%	7,034	15%
		Do not plan to do	116	31%	184	26%	879	25%	10,849	25%	127	50%	406	57%	2,100	53%	26,005	54%
		Plan to do	108	29%	203	28%	1,041	30%	12,968	29%	31	12%	66	9%	467	12%	4,988	10%
		Done	19	5%	29	4%	175	5%	1,998	5%	59	23%	142	20%	772	19%	10,318	21%
		Total	377	100%	719	100%	3,517	100%	44,053	100%	256	100%	710	100%	3,976	100%	48,345	100%
e. Foreign language coursework	FORLNG04	Have not decided	59	16%	140	19%	644	18%	7,657	17%	17	7%	39	6%	324	8%	3,438	7%
		Do not plan to do	100	27%	216	30%	1,034	29%	11,098	25%	104	41%	330	47%	1,832	46%	19,237	40%
		Plan to do	120	32%	200	28%	1,091	31%	14,203	32%	24	9%	43	6%	341	9%	3,597	7%
		Done	98	26%	165	23%	749	21%	11,106	25%	111	43%	297	42%	1,478	37%	22,074	46%
		Total	377	100%	721	100%	3,518	100%	44,064	100%	256	100%	709	100%	3,975	100%	48,346	100%
f. Study abroad	STDABR04	Have not decided	107	28%	210	29%	1,053	30%	12,478	28%	34	13%	79	11%	515	13%	5,285	11%
		Do not plan to do	106	28%	241	33%	1,068	30%	11,482	26%	163	64%	475	67%	2,594	65%	30,863	64%
		Plan to do	148	39%	255	35%	1,306	37%	19,046	43%	25	10%	47	7%	317	8%	3,578	7%
		Done	16	4%	16	2%	93	3%	1,042	2%	34	13%	110	15%	550	14%	8,593	18%
		Total	377	100%	722	100%	3,520	100%	44,048	100%	256	100%	711	100%	3,976	100%	48,319	100%
g. Independent study or self-designed major	INDSTD04	Have not decided	114	30%	241	33%	1,238	35%	15,505	35%	34	13%	67	9%	432	11%	4,966	10%
		Do not plan to do	180	48%	387	54%	1,663	47%	19,850	45%	139	54%	475	67%	2,393	60%	28,518	59%
		Plan to do	64	17%	74	10%	506	14%	7,344	17%	29	11%	51	7%	359	9%	3,758	8%
		Done	19	5%	20	3%	112	3%	1,339	3%	54	21%	117	16%	792	20%	11,088	23%
		Total	377	100%	722	100%	3,519	100%	44,038	100%	256	100%	710	100%	3,976	100%	48,330	100%

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		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	
h. Culminating senior experience (capstone course, thesis, project, comprehensive exam, etc.)	SNRX04	113	30%	300	42%	1,420	40%	16,838	38%	13	5%	72	10%	416	10%	4,596	10%	
		44	12%	85	12%	399	11%	4,587	10%	19	7%	225	32%	1,086	27%	12,061	25%	
		204	54%	323	45%	1,647	47%	21,957	50%	85	33%	167	24%	1,118	28%	13,243	27%	
		16	4%	12	2%	50	1%	663	2%	139	54%	246	35%	1,355	34%	18,426	38%	
		Total	377	100%	720	100%	3,516	100%	44,045	100%	256	100%	710	100%	3,975	100%	48,326	100%
8a. Quality of relationships with other students	ENVSTU																	
		1 Unfriendly, Unsupportive, Sense of Alienation	3	1%	4	1%	45	1%	390	1%	3	1%	9	1%	22	1%	350	1%
		2	14	4%	13	2%	97	3%	1,064	2%	3	1%	13	2%	94	2%	909	2%
		3	18	5%	31	4%	202	6%	2,125	5%	10	4%	34	5%	201	5%	1,995	4%
		4	51	13%	77	11%	473	13%	4,846	11%	31	12%	64	9%	446	11%	4,880	10%
		5	82	22%	145	20%	810	23%	9,419	21%	51	20%	157	22%	893	22%	9,862	20%
		6	111	29%	248	35%	1,076	31%	13,791	31%	81	32%	242	34%	1,217	31%	14,826	31%
		7 Friendly, Supportive, Sense of Belonging	99	26%	196	27%	808	23%	12,405	28%	77	30%	191	27%	1,103	28%	15,509	32%
	Total	378	100%	714	100%	3,511	100%	44,040	100%	256	100%	710	100%	3,976	100%	48,331	100%	
b. Quality of relationships with faculty members	ENVFAC																	
		1 Unavailable, Unhelpful, Unsympathetic	4	1%	5	1%	39	1%	287	1%	2	1%	4	1%	26	1%	306	1%
		2	14	4%	10	1%	90	3%	893	2%	4	2%	15	2%	95	2%	863	2%
		3	18	5%	53	7%	251	7%	2,266	5%	11	4%	29	4%	210	5%	1,906	4%
		4	70	19%	132	18%	629	18%	6,536	15%	23	9%	108	15%	531	13%	4,987	10%
		5	119	31%	219	31%	1,054	30%	11,774	27%	60	23%	215	30%	1,007	25%	10,467	22%
		6	96	25%	205	29%	976	28%	13,783	31%	88	34%	215	30%	1,288	32%	16,173	33%
		7 Available, Helpful, Sympathetic	57	15%	90	13%	470	13%	8,501	19%	68	27%	124	17%	820	21%	13,630	28%
	Total	378	100%	714	100%	3,509	100%	44,040	100%	256	100%	710	100%	3,977	100%	48,332	100%	
c. Quality of relationships with administrative personnel and offices	ENVADM																	
		1 Unhelpful, Inconsiderate, Rigid	15	4%	17	2%	138	4%	1,191	3%	10	4%	31	4%	175	4%	2,243	5%
		2	18	5%	49	7%	253	7%	2,521	6%	23	9%	65	9%	364	9%	3,880	8%
		3	48	13%	87	12%	432	12%	4,543	10%	32	13%	96	14%	478	12%	5,471	11%
		4	127	34%	177	25%	833	24%	10,098	23%	52	20%	169	24%	867	22%	9,870	20%
		5	80	21%	170	24%	826	24%	10,572	24%	60	23%	145	20%	870	22%	10,344	21%
		6	59	16%	143	20%	654	19%	9,172	21%	45	18%	122	17%	730	18%	9,455	20%
		7 Helpful, Considerate, Flexible	30	8%	70	10%	368	11%	5,902	13%	34	13%	82	12%	494	12%	7,034	15%
	Total	377	100%	713	100%	3,504	100%	43,999	100%	256	100%	710	100%	3,978	100%	48,297	100%	

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		First-Year Students								Seniors							
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005	
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %
9a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01 0 hr/wk	1	0%	5	1%	18	1%	215	0%	1	0%	0	0%	21	1%	194	0%
	1-5 hr/wk	86	23%	115	16%	703	20%	8,040	18%	57	22%	126	18%	857	22%	9,417	20%
	6-10 hr/wk	120	32%	210	30%	974	28%	11,099	25%	70	27%	215	31%	1,054	27%	12,194	25%
	11-15 hr/wk	71	19%	155	22%	708	20%	9,083	21%	49	19%	129	18%	712	18%	9,060	19%
	16-20 hr/wk	45	12%	108	15%	503	14%	6,791	16%	34	13%	103	15%	570	14%	7,155	15%
	21-25 hr/wk	30	8%	59	8%	278	8%	4,138	9%	17	7%	73	10%	332	8%	4,319	9%
	26-30 hr/wk	11	3%	33	5%	149	4%	2,385	5%	10	4%	24	3%	197	5%	2,751	6%
	30+ hr/wk	10	3%	24	3%	144	4%	1,938	4%	18	7%	34	5%	212	5%	2,958	6%
	Total	374	100%	709	100%	3,477	100%	43,689	100%	256	100%	704	100%	3,955	100%	48,048	100%
b. Working for pay on campus	WORKON01 0 hr/wk	278	74%	561	79%	2,735	79%	32,004	73%	157	61%	467	66%	2,921	74%	32,431	67%
	1-5 hr/wk	10	3%	25	4%	141	4%	2,657	6%	12	5%	31	4%	154	4%	3,168	7%
	6-10 hr/wk	22	6%	54	8%	245	7%	4,680	11%	22	9%	85	12%	260	7%	5,197	11%
	11-15 hr/wk	27	7%	36	5%	172	5%	2,316	5%	12	5%	50	7%	234	6%	3,003	6%
	16-20 hr/wk	19	5%	21	3%	112	3%	1,303	3%	17	7%	32	5%	229	6%	2,512	5%
	21-25 hr/wk	13	3%	9	1%	32	1%	289	1%	12	5%	17	2%	71	2%	676	1%
	26-30 hr/wk	4	1%	1	0%	9	0%	84	0%	10	4%	5	1%	26	1%	287	1%
	30+ hr/wk	1	0%	2	0%	28	1%	363	1%	14	5%	17	2%	62	2%	774	2%
	Total	374	100%	709	100%	3,474	100%	43,696	100%	256	100%	704	100%	3,957	100%	48,048	100%
c. Working for pay off campus	WORKOF01 0 hr/wk	277	74%	580	82%	2,151	62%	29,315	67%	122	48%	351	50%	1,516	38%	21,555	45%
	1-5 hr/wk	8	2%	30	4%	165	5%	2,273	5%	15	6%	40	6%	196	5%	2,646	6%
	6-10 hr/wk	10	3%	24	3%	188	5%	2,175	5%	9	4%	36	5%	251	6%	3,142	7%
	11-15 hr/wk	14	4%	17	2%	187	5%	2,051	5%	11	4%	52	7%	263	7%	3,148	7%
	16-20 hr/wk	18	5%	20	3%	244	7%	2,440	6%	31	12%	57	8%	405	10%	4,148	9%
	21-25 hr/wk	16	4%	19	3%	191	5%	1,753	4%	18	7%	46	7%	342	9%	3,211	7%
	26-30 hr/wk	17	5%	8	1%	126	4%	1,223	3%	10	4%	46	7%	254	6%	2,292	5%
	30+ hr/wk	14	4%	10	1%	225	6%	2,440	6%	39	15%	78	11%	732	18%	7,888	16%
	Total	374	100%	708	100%	3,477	100%	43,670	100%	255	100%	706	100%	3,959	100%	48,030	100%
d. Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01 0 hr/wk	158	42%	230	32%	1,511	43%	15,817	36%	133	52%	269	38%	1,922	49%	20,449	43%
	1-5 hr/wk	121	32%	261	37%	1,079	31%	14,254	33%	72	28%	232	33%	1,164	29%	14,628	30%
	6-10 hr/wk	45	12%	100	14%	397	11%	6,050	14%	28	11%	100	14%	381	10%	5,598	12%
	11-15 hr/wk	17	5%	50	7%	207	6%	3,335	8%	7	3%	42	6%	232	6%	3,026	6%
	16-20 hr/wk	15	4%	27	4%	131	4%	2,035	5%	7	3%	23	3%	117	3%	1,931	4%
	21-25 hr/wk	8	2%	17	2%	72	2%	966	2%	5	2%	17	2%	61	2%	1,009	2%
	26-30 hr/wk	3	1%	7	1%	31	1%	480	1%	0	0%	9	1%	36	1%	538	1%
	30+ hr/wk	7	2%	17	2%	47	1%	738	2%	4	2%	13	2%	42	1%	887	2%
	Total	374	100%	709	100%	3,475	100%	43,675	100%	256	100%	705	100%	3,955	100%	48,066	100%

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	
e. Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05	0 hr/wk	2	1%	8	1%	42	1%	713	2%	9	4%	12	2%	74	2%	1,045	2%
		1-5 hr/wk	85	23%	130	18%	894	26%	11,817	27%	97	38%	185	26%	1,307	33%	15,845	33%
		6-10 hr/wk	115	31%	182	26%	977	28%	12,507	29%	65	25%	195	28%	1,152	29%	14,162	29%
		11-15 hr/wk	72	19%	160	23%	644	19%	8,018	18%	42	16%	138	20%	656	17%	7,855	16%
		16-20 hr/wk	35	9%	82	12%	370	11%	4,751	11%	26	10%	89	13%	377	10%	4,456	9%
		21-25 hr/wk	30	8%	61	9%	215	6%	2,461	6%	4	2%	39	6%	177	4%	2,140	4%
		26-30 hr/wk	13	3%	22	3%	104	3%	1,204	3%	4	2%	17	2%	76	2%	920	2%
		30+ hr/wk	22	6%	64	9%	229	7%	2,211	5%	9	4%	30	4%	134	3%	1,632	3%
		Total	374	100%	709	100%	3,475	100%	43,682	100%	256	100%	705	100%	3,953	100%	48,055	100%
f. Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	0 hr/wk	302	81%	612	86%	2,564	74%	33,829	77%	153	60%	527	75%	2,399	61%	31,557	66%
		1-5 hr/wk	32	9%	54	8%	397	11%	4,381	10%	21	8%	61	9%	473	12%	4,795	10%
		6-10 hr/wk	12	3%	15	2%	173	5%	1,677	4%	17	7%	24	3%	261	7%	2,550	5%
		11-15 hr/wk	4	1%	9	1%	91	3%	1,013	2%	8	3%	16	2%	168	4%	1,560	3%
		16-20 hr/wk	6	2%	7	1%	74	2%	616	1%	6	2%	17	2%	110	3%	1,176	2%
		21-25 hr/wk	4	1%	3	0%	32	1%	335	1%	4	2%	8	1%	66	2%	751	2%
		26-30 hr/wk	3	1%	3	0%	27	1%	246	1%	8	3%	7	1%	58	1%	632	1%
		30+ hr/wk	11	3%	5	1%	118	3%	1,568	4%	39	15%	45	6%	419	11%	5,032	10%
		Total	374	100%	708	100%	3,476	100%	43,665	100%	256	100%	705	100%	3,954	100%	48,053	100%
g. Commuting to class (driving, walking, etc.)	COMMUTE	0 hr/wk	15	4%	83	12%	417	12%	8,044	18%	12	5%	39	6%	238	6%	5,600	12%
		1-5 hr/wk	271	72%	515	73%	2,203	63%	27,757	64%	187	73%	480	68%	2,493	63%	30,665	64%
		6-10 hr/wk	57	15%	72	10%	534	15%	4,857	11%	32	13%	121	17%	807	20%	7,479	16%
		11-15 hr/wk	17	5%	20	3%	167	5%	1,522	3%	6	2%	38	5%	248	6%	2,391	5%
		16-20 hr/wk	6	2%	6	1%	65	2%	642	1%	4	2%	11	2%	81	2%	808	2%
		21-25 hr/wk	2	1%	6	1%	35	1%	303	1%	6	2%	5	1%	34	1%	337	1%
		26-30 hr/wk	1	0%	2	0%	6	0%	150	0%	4	2%	2	0%	13	0%	200	0%
		30+ hr/wk	5	1%	5	1%	50	1%	416	1%	5	2%	9	1%	43	1%	583	1%
		Total	374	100%	709	100%	3,477	100%	43,691	100%	256	100%	705	100%	3,957	100%	48,063	100%
10a. Spending significant amounts of time studying and on academic work	ENVSCHOL	Very little	9	2%	15	2%	77	2%	894	2%	7	3%	25	4%	114	3%	1,055	2%
		Some	86	23%	167	24%	734	21%	7,668	18%	70	28%	132	19%	748	19%	8,312	17%
		Quite a bit	191	51%	323	46%	1,602	46%	19,897	46%	107	42%	329	47%	1,871	48%	21,608	45%
		Very much	88	24%	200	28%	1,052	30%	15,045	35%	70	28%	213	30%	1,199	30%	16,954	35%
		Total	374	100%	705	100%	3,465	100%	43,504	100%	254	100%	699	100%	3,932	100%	47,929	100%
b. Providing the support you need to help you succeed academically	ENVSUPRT	Very little	20	5%	21	3%	141	4%	1,259	3%	10	4%	38	5%	200	5%	2,007	4%
		Some	95	25%	171	24%	849	25%	8,768	20%	77	30%	219	31%	1,147	29%	11,292	24%
		Quite a bit	175	47%	348	49%	1,571	45%	19,328	44%	107	42%	304	44%	1,720	44%	20,890	44%
		Very much	84	22%	164	23%	904	26%	14,133	32%	60	24%	137	20%	861	22%	13,714	29%
		Total	374	100%	704	100%	3,465	100%	43,488	100%	254	100%	698	100%	3,928	100%	47,903	100%

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	
c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	Very little	48	13%	106	15%	556	16%	6,177	14%	45	18%	155	22%	834	21%	9,115	19%
		Some	131	35%	235	33%	1,120	32%	14,336	33%	95	37%	276	39%	1,469	37%	17,309	36%
		Quite a bit	118	32%	240	34%	1,141	33%	13,760	32%	65	26%	172	25%	1,073	27%	13,434	28%
		Very much	77	21%	123	17%	647	19%	9,186	21%	49	19%	96	14%	548	14%	7,996	17%
		Total	374	100%	704	100%	3,464	100%	43,459	100%	254	100%	699	100%	3,924	100%	47,854	100%
d. Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	Very little	114	30%	173	25%	1,059	31%	11,376	26%	102	40%	296	42%	1,644	42%	17,255	36%
		Some	155	41%	319	45%	1,409	41%	17,641	41%	87	34%	260	37%	1,440	37%	18,522	39%
		Quite a bit	82	22%	160	23%	731	21%	10,270	24%	43	17%	111	16%	618	16%	8,539	18%
		Very much	23	6%	50	7%	263	8%	4,154	10%	22	9%	31	4%	219	6%	3,527	7%
		Total	374	100%	702	100%	3,462	100%	43,441	100%	254	100%	698	100%	3,921	100%	47,843	100%
e. Providing the support you need to thrive socially	ENVSOCAL	Very little	68	18%	104	15%	696	20%	7,753	18%	71	28%	201	29%	1,178	30%	12,171	25%
		Some	153	41%	281	40%	1,459	42%	16,740	39%	104	41%	271	39%	1,624	41%	19,563	41%
		Quite a bit	115	31%	233	33%	942	27%	13,486	31%	48	19%	180	26%	839	21%	11,805	25%
		Very much	38	10%	83	12%	360	10%	5,429	13%	30	12%	45	6%	274	7%	4,242	9%
		Total	374	100%	701	100%	3,457	100%	43,408	100%	253	100%	697	100%	3,915	100%	47,781	100%
f. Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	Very little	46	12%	57	8%	427	12%	3,679	8%	42	17%	81	12%	629	16%	6,193	13%
		Some	124	33%	207	29%	1,017	29%	11,186	26%	86	34%	242	35%	1,427	36%	14,847	31%
		Quite a bit	138	37%	285	40%	1,306	38%	17,006	39%	91	36%	257	37%	1,261	32%	17,252	36%
		Very much	66	18%	156	22%	714	21%	11,587	27%	34	13%	118	17%	605	15%	9,563	20%
		Total	374	100%	705	100%	3,464	100%	43,458	100%	253	100%	698	100%	3,922	100%	47,855	100%
g. Using computers in academic work	ENVCOMPT	Very little	11	3%	15	2%	78	2%	985	2%	6	2%	14	2%	75	2%	852	2%
		Some	55	15%	89	13%	437	13%	5,606	13%	21	8%	60	9%	363	9%	4,474	9%
		Quite a bit	129	34%	249	35%	1,179	34%	15,283	35%	80	31%	191	27%	1,135	29%	14,316	30%
		Very much	179	48%	351	50%	1,768	51%	21,601	50%	147	58%	434	62%	2,355	60%	28,262	59%
		Total	374	100%	704	100%	3,462	100%	43,475	100%	254	100%	699	100%	3,928	100%	47,904	100%
11a. Acquiring a broad general education	NGGENLED	Very little	8	2%	12	2%	125	4%	1,058	2%	6	2%	14	2%	122	3%	1,011	2%
		Some	77	21%	96	14%	620	18%	6,713	16%	43	17%	98	14%	594	15%	5,776	12%
		Quite a bit	171	46%	335	48%	1,591	46%	18,721	43%	89	35%	282	41%	1,551	40%	17,517	37%
		Very much	115	31%	253	36%	1,093	32%	16,561	38%	117	46%	300	43%	1,643	42%	23,397	49%
		Total	371	100%	696	100%	3,429	100%	43,053	100%	255	100%	694	100%	3,910	100%	47,701	100%
b. Acquiring job or work-related knowledge and skills	GNWORK	Very little	35	9%	73	11%	421	12%	4,520	11%	15	6%	39	6%	254	7%	3,074	6%
		Some	123	33%	217	31%	1,089	32%	13,076	30%	50	20%	135	19%	852	22%	10,133	21%
		Quite a bit	142	38%	263	38%	1,178	34%	15,246	35%	90	35%	267	38%	1,382	35%	16,415	34%
		Very much	71	19%	141	20%	738	22%	10,174	24%	100	39%	253	36%	1,418	36%	18,075	38%
		Total	371	100%	694	100%	3,426	100%	43,016	100%	255	100%	694	100%	3,906	100%	47,697	100%

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		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	
c. Writing clearly and effectively	GNWRITE	Very little	21	6%	26	4%	198	6%	2,049	5%	10	4%	34	5%	184	5%	1,730	4%
		Some	115	31%	170	24%	839	24%	9,480	22%	53	21%	132	19%	808	21%	8,832	19%
		Quite a bit	150	41%	304	44%	1,463	43%	17,817	41%	97	38%	280	40%	1,524	39%	18,338	38%
		Very much	84	23%	196	28%	928	27%	13,692	32%	95	37%	248	36%	1,388	36%	18,807	39%
		Total	370	100%	696	100%	3,428	100%	43,038	100%	255	100%	694	100%	3,904	100%	47,707	100%
d. Speaking clearly and effectively	GNSPEAK	Very little	45	12%	60	9%	348	10%	3,811	9%	19	7%	46	7%	259	7%	2,366	5%
		Some	132	36%	193	28%	1,056	31%	12,476	29%	61	24%	160	23%	983	25%	10,375	22%
		Quite a bit	129	35%	302	43%	1,319	38%	16,072	37%	88	35%	264	38%	1,441	37%	18,214	38%
		Very much	65	18%	141	20%	706	21%	10,670	25%	87	34%	224	32%	1,223	31%	16,741	35%
		Total	371	100%	696	100%	3,429	100%	43,029	100%	255	100%	694	100%	3,906	100%	47,696	100%
e. Thinking critically and analytically	GNANALY	Very little	15	4%	16	2%	97	3%	1,058	2%	4	2%	12	2%	70	2%	741	2%
		Some	80	22%	117	17%	660	19%	7,025	16%	38	15%	92	13%	497	13%	5,271	11%
		Quite a bit	153	41%	323	46%	1,479	43%	17,888	42%	99	39%	266	38%	1,499	38%	17,403	36%
		Very much	122	33%	239	34%	1,190	35%	17,057	40%	114	45%	324	47%	1,841	47%	24,286	51%
		Total	370	100%	695	100%	3,426	100%	43,028	100%	255	100%	694	100%	3,907	100%	47,701	100%
f. Analyzing quantitative problems	GNQUANT	Very little	31	8%	43	6%	235	7%	3,032	7%	13	5%	50	7%	193	5%	2,465	5%
		Some	113	31%	200	29%	937	27%	11,899	28%	57	22%	176	25%	892	23%	10,955	23%
		Quite a bit	138	37%	290	42%	1,383	40%	16,962	39%	95	37%	248	36%	1,439	37%	17,666	37%
		Very much	88	24%	162	23%	872	25%	11,077	26%	90	35%	220	32%	1,380	35%	16,581	35%
		Total	370	100%	695	100%	3,427	100%	42,970	100%	255	100%	694	100%	3,904	100%	47,667	100%
g. Using computing and information technology	GNCMPTS	Very little	24	6%	33	5%	200	6%	2,761	6%	14	5%	22	3%	127	3%	1,770	4%
		Some	91	25%	166	24%	757	22%	10,122	24%	53	21%	122	18%	658	17%	8,540	18%
		Quite a bit	142	38%	272	39%	1,268	37%	16,008	37%	73	29%	240	35%	1,344	34%	16,798	35%
		Very much	113	31%	223	32%	1,204	35%	14,137	33%	115	45%	310	45%	1,776	45%	20,595	43%
		Total	370	100%	694	100%	3,429	100%	43,028	100%	255	100%	694	100%	3,905	100%	47,703	100%
h. Working effectively with others	GNOTHERS	Very little	27	7%	35	5%	213	6%	2,197	5%	10	4%	27	4%	144	4%	1,524	3%
		Some	95	26%	170	24%	907	26%	10,697	25%	56	22%	104	15%	752	19%	8,343	17%
		Quite a bit	149	40%	291	42%	1,370	40%	17,076	40%	83	33%	264	38%	1,430	37%	17,669	37%
		Very much	99	27%	198	29%	936	27%	13,058	30%	106	42%	299	43%	1,581	40%	20,155	42%
		Total	370	100%	694	100%	3,426	100%	43,028	100%	255	100%	694	100%	3,907	100%	47,691	100%
i. Voting in local, state, or national elections	GNCITIZN	Very little	68	19%	99	14%	811	24%	9,504	22%	78	31%	201	29%	1,277	33%	13,495	28%
		Some	115	31%	204	30%	1,001	29%	12,511	29%	71	28%	206	30%	1,189	31%	14,448	30%
		Quite a bit	106	29%	224	33%	860	25%	11,236	26%	60	24%	153	22%	791	20%	10,763	23%
		Very much	78	21%	161	23%	723	21%	9,511	22%	45	18%	128	19%	634	16%	8,805	19%
		Total	367	100%	688	100%	3,395	100%	42,762	100%	254	100%	688	100%	3,891	100%	47,511	100%

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		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
j. Learning effectively on your own	GNINQ	Very little	32	9%	28	4%	223	7%	2,302	5%	17	7%	36	5%	240	6%	2,361	5%
		Some	102	28%	180	26%	918	27%	10,131	24%	54	21%	143	21%	854	22%	9,141	19%
		Quite a bit	148	40%	306	44%	1,437	42%	18,566	43%	86	34%	306	44%	1,541	40%	18,880	40%
		Very much	85	23%	175	25%	820	24%	11,776	28%	97	38%	204	30%	1,260	32%	17,165	36%
	Total	367	100%	689	100%	3,398	100%	42,775	100%	254	100%	689	100%	3,895	100%	47,547	100%	
k. Understanding yourself	GNSELF	Very little	59	16%	67	10%	493	15%	4,734	11%	40	16%	81	12%	544	14%	4,971	10%
		Some	105	29%	203	30%	1,018	30%	11,582	27%	62	24%	177	26%	1,060	27%	11,363	24%
		Quite a bit	119	32%	240	35%	1,112	33%	15,066	35%	71	28%	234	34%	1,182	30%	15,651	33%
		Very much	84	23%	178	26%	773	23%	11,390	27%	81	32%	197	29%	1,106	28%	15,549	33%
	Total	367	100%	688	100%	3,396	100%	42,772	100%	254	100%	689	100%	3,892	100%	47,534	100%	
l. Understanding people of other racial and ethnic backgrounds	GNDIVERS	Very little	55	15%	90	13%	478	14%	6,002	14%	42	17%	117	17%	620	16%	7,122	15%
		Some	128	35%	250	36%	1,157	34%	14,297	33%	74	29%	251	36%	1,331	34%	15,324	32%
		Quite a bit	118	32%	216	31%	1,104	33%	13,762	32%	76	30%	201	29%	1,145	29%	14,591	31%
		Very much	66	18%	131	19%	656	19%	8,702	20%	61	24%	121	18%	798	20%	10,499	22%
	Total	367	100%	687	100%	3,395	100%	42,763	100%	253	100%	690	100%	3,894	100%	47,536	100%	
m. Solving complex real-world problems	GNPROBSV	Very little	43	12%	70	10%	449	13%	5,199	12%	37	15%	78	11%	418	11%	4,981	10%
		Some	141	38%	268	39%	1,243	37%	15,233	36%	59	23%	212	31%	1,205	31%	14,532	31%
		Quite a bit	124	34%	238	35%	1,113	33%	14,646	34%	98	39%	273	40%	1,371	35%	16,664	35%
		Very much	59	16%	111	16%	590	17%	7,691	18%	60	24%	127	18%	903	23%	11,377	24%
	Total	367	100%	687	100%	3,395	100%	42,769	100%	254	100%	690	100%	3,897	100%	47,554	100%	
n. Developing a personal code of values and ethics	GNETHICS	Very little	67	18%	97	14%	625	18%	6,186	14%	44	17%	103	15%	681	17%	6,590	14%
		Some	133	36%	243	35%	1,117	33%	12,851	30%	81	32%	215	31%	1,172	30%	12,903	27%
		Quite a bit	103	28%	221	32%	1,020	30%	13,666	32%	62	24%	212	31%	1,085	28%	14,524	31%
		Very much	64	17%	126	18%	630	19%	10,063	24%	67	26%	160	23%	958	25%	13,526	28%
	Total	367	100%	687	100%	3,392	100%	42,766	100%	254	100%	690	100%	3,896	100%	47,543	100%	
o. Contributing to the welfare of your community	GNCOMMUN	Very little	83	23%	142	21%	799	24%	8,120	19%	59	23%	154	22%	909	23%	8,858	19%
		Some	157	43%	277	40%	1,269	37%	15,101	35%	90	35%	248	36%	1,301	33%	15,784	33%
		Quite a bit	80	22%	195	28%	898	26%	12,440	29%	59	23%	192	28%	999	26%	13,329	28%
		Very much	47	13%	73	11%	425	13%	7,101	17%	46	18%	96	14%	685	18%	9,571	20%
	Total	367	100%	687	100%	3,391	100%	42,762	100%	254	100%	690	100%	3,894	100%	47,542	100%	
p. Developing a deepened sense of spirituality	GNSPIRIT	Very little	153	42%	266	39%	1,406	41%	15,399	36%	135	53%	363	53%	1,917	49%	20,257	43%
		Some	103	28%	219	32%	973	29%	12,208	29%	63	25%	181	26%	953	24%	12,369	26%
		Quite a bit	60	16%	133	19%	613	18%	8,437	20%	27	11%	82	12%	564	14%	7,686	16%
		Very much	51	14%	68	10%	402	12%	6,718	16%	29	11%	64	9%	461	12%	7,212	15%
	Total	367	100%	686	100%	3,394	100%	42,762	100%	254	100%	690	100%	3,895	100%	47,524	100%	

Appendix C. Northern Arizona University's 2005 Means Comparison Report

		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	<i>Count</i>	<i>Col %</i>	
12. Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	Poor	27	7%	46	7%	271	8%	2,318	5%	34	13%	101	15%	475	12%	4,101	9%
		Fair	76	21%	134	19%	762	22%	7,835	18%	54	21%	197	28%	913	23%	9,387	20%
		Good	170	46%	323	47%	1,559	46%	20,123	47%	97	38%	258	37%	1,589	41%	19,244	40%
		Excellent	94	26%	187	27%	808	24%	12,617	29%	69	27%	138	20%	927	24%	14,918	31%
		Total	367	100%	690	100%	3,400	100%	42,893	100%	254	100%	694	100%	3,904	100%	47,650	100%
13. How would you evaluate your entire educational experience at this institution?	ENTIREXP	Poor	8	2%	9	1%	88	3%	757	2%	7	3%	13	2%	89	2%	802	2%
		Fair	36	10%	62	9%	480	14%	4,759	11%	33	13%	79	11%	533	14%	5,092	11%
		Good	222	60%	407	59%	1,865	55%	21,768	51%	133	52%	381	55%	2,023	52%	22,405	47%
		Excellent	101	28%	212	31%	968	28%	15,637	36%	81	32%	220	32%	1,262	32%	19,363	41%
		Total	367	100%	690	100%	3,401	100%	42,921	100%	254	100%	693	100%	3,907	100%	47,662	100%
14. If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	Definitely no	12	3%	24	3%	192	6%	1,946	5%	15	6%	36	5%	227	6%	2,411	5%
		Probably no	49	13%	71	10%	481	14%	5,248	12%	30	12%	99	14%	608	16%	6,320	13%
		Probably yes	157	43%	275	40%	1,452	43%	17,144	40%	101	40%	274	39%	1,651	42%	18,510	39%
		Definitely yes	149	41%	320	46%	1,276	38%	18,565	43%	108	43%	285	41%	1,422	36%	20,412	43%
		Total	367	100%	690	100%	3,401	100%	42,903	100%	254	100%	694	100%	3,908	100%	47,653	100%

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		First-Year Students								Seniors									
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005			
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %		
15. Age	AGE	19 or younger	298	81%	643	93%	2,914	86%	37,092	86%	2	1%	3	0%	11	0%	129	0%	
		20-23	44	12%	33	5%	306	9%	3,268	8%	133	53%	540	78%	2,451	63%	32,615	68%	
		24-29	14	4%	5	1%	90	3%	1,008	2%	60	24%	82	12%	719	18%	6,714	14%	
		30-39	8	2%	4	1%	58	2%	889	2%	25	10%	35	5%	387	10%	4,048	9%	
		40-55	3	1%	4	1%	35	1%	673	2%	31	12%	33	5%	301	8%	3,759	8%	
		Over 55	0	0%	1	0%	4	0%	61	0%	2	1%	1	0%	27	1%	352	1%	
		Total	367	100%	690	100%	3,407	100%	42,991	100%	253	100%	694	100%	3,896	100%	47,617	100%	
16. Sex	SEX	Male	125	34%	216	31%	1,235	36%	14,184	33%	87	34%	210	30%	1,434	37%	15,771	33%	
		Female	242	66%	474	69%	2,175	64%	28,874	67%	167	66%	486	70%	2,474	63%	31,964	67%	
		Total	367	100%	690	100%	3,410	100%	43,058	100%	254	100%	696	100%	3,908	100%	47,735	100%	
17. Are you an international student or foreign national?	INTERNAT	No	346	95%	674	98%	3,218	94%	40,878	95%	246	97%	672	97%	3,662	94%	45,257	95%	
		Yes	20	5%	16	2%	191	6%	2,099	5%	8	3%	22	3%	242	6%	2,415	5%	
		Total	366	100%	690	100%	3,409	100%	42,977	100%	254	100%	694	100%	3,904	100%	47,672	100%	
18. Racial or ethnic identification	RACE05	American Indian or other Native American	26	7%	9	1%	25	1%	326	1%	35	14%	2	0%	19	0%	375	1%	
		Asian American or Pacific Islander	9	2%	8	1%	185	5%	1,947	5%	2	1%	11	2%	189	5%	1,985	4%	
		Black or African American	5	1%	41	6%	265	8%	2,812	7%	4	2%	39	6%	271	7%	3,120	7%	
		White (non-Hispanic)	248	68%	578	84%	2,285	67%	30,882	72%	170	67%	560	80%	2,705	69%	34,521	72%	
		Mexican or Mexican American	22	6%	5	1%	170	5%	1,142	3%	14	6%	6	1%	180	5%	1,154	2%	
		Puerto Rican	2	1%	3	0%	24	1%	389	1%	0	0%	3	0%	25	1%	385	1%	
		Other Hispanic or Latino	9	2%	7	1%	97	3%	972	2%	1	0%	6	1%	92	2%	989	2%	
		Multiracial	12	3%	6	1%	73	2%	980	2%	13	5%	9	1%	72	2%	879	2%	
		Other	8	2%	6	1%	71	2%	931	2%	2	1%	6	1%	99	3%	1,075	2%	
		I prefer not to respond	25	7%	28	4%	215	6%	2,572	6%	13	5%	54	8%	247	6%	3,165	7%	
		Total	366	100%	691	100%	3,410	100%	42,953	100%	254	100%	696	100%	3,899	100%	47,648	100%	
	19. What is your current classification in college?	CLASS	Freshman/First year	254	69%	603	88%	2,703	79%	36,185	84%	0	0%	0	0%	3	0%	42	0%
			Soph./Second Year	83	23%	79	11%	636	19%	5,440	13%	1	0%	1	0%	10	0%	154	0%
		Junior/Third Year	17	5%	6	1%	42	1%	670	2%	7	3%	11	2%	99	3%	1,861	4%	
		Senior/Fourth Year	7	2%	0	0%	5	0%	221	1%	241	95%	662	95%	3,650	94%	44,404	93%	
		Unclassified	5	1%	1	0%	17	0%	438	1%	5	2%	21	3%	125	3%	1,137	2%	
		Total	366	100%	689	100%	3,403	100%	42,954	100%	254	100%	695	100%	3,887	100%	47,598	100%	
20. Did you begin college at your current institution or elsewhere?	ENTER	Started here	278	76%	648	94%	3,063	90%	38,988	91%	115	45%	450	65%	2,060	53%	29,006	61%	
		Started elsewhere	88	24%	41	6%	340	10%	3,979	9%	139	55%	245	35%	1,842	47%	18,708	39%	
		Total	366	100%	689	100%	3,403	100%	42,967	100%	254	100%	695	100%	3,902	100%	47,714	100%	

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		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
		Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
Variable	Response Options																	
21. Since graduating from high school, which of the following types of schools have you attended other than the one you are attending now? (Mark all that apply.)	VOTECH05	Vocational or technical school	8	2%	13	2%	105	3%	1,448	3%	23	9%	38	5%	298	7%	3,417	7%
	COMCOL05	Community or junior college	76	19%	40	5%	323	8%	3,419	7%	162	62%	217	29%	1,574	37%	15,679	31%
	FOUR05	4-year college other than this one	40	10%	32	4%	247	6%	3,022	6%	87	33%	137	18%	1,076	26%	11,806	23%
	NONE05	None	252	62%	605	75%	2,733	70%	35,096	73%	58	22%	365	48%	1,601	38%	22,589	45%
	OCOL1_05	Other	8	2%	11	1%	63	2%	954	2%	7	3%	25	3%	127	3%	2,082	4%
22. Thinking about this current academic term, how would you characterize your enrollment?	ENRLMENT	Less than full-time	15	4%	10	1%	170	5%	2,017	5%	26	10%	79	11%	662	17%	7,039	15%
		Full-time	351	96%	679	99%	3,230	95%	40,899	95%	228	90%	613	89%	3,224	83%	40,564	85%
		Total	366	100%	689	100%	3,400	100%	42,916	100%	254	100%	692	100%	3,886	100%	47,603	100%
23. Are you member of a social fraternity or sorority?	FRATSORO	No	332	91%	601	87%	3,092	91%	38,928	91%	239	94%	565	81%	3,444	88%	41,659	87%
		Yes	34	9%	88	13%	305	9%	3,987	9%	15	6%	129	19%	454	12%	6,010	13%
		Total	366	100%	689	100%	3,397	100%	42,915	100%	254	100%	694	100%	3,898	100%	47,669	100%
24. Are you a student-athlete on a team sponsored by your institution's athletics department?	ATHLETE	No	353	96%	647	94%	3,188	94%	37,031	86%	246	97%	672	97%	3,766	97%	43,615	92%
		Yes	13	4%	42	6%	211	6%	5,858	14%	7	3%	19	3%	129	3%	4,006	8%
		Total	366	100%	689	100%	3,399	100%	42,889	100%	253	100%	691	100%	3,895	100%	47,621	100%
25. What have most of your grades been up to now at this institution?	GRADES04	C- or lower	14	4%	14	2%	85	3%	749	2%	3	1%	3	0%	12	0%	103	0%
		C	25	7%	26	4%	140	4%	1,760	4%	8	3%	13	2%	78	2%	900	2%
		C+	15	4%	36	5%	219	7%	2,678	6%	10	4%	26	4%	176	5%	1,925	4%
		B-	44	12%	68	10%	317	9%	3,833	9%	23	9%	55	8%	269	7%	3,317	7%
		B	78	21%	173	25%	739	22%	9,153	22%	52	20%	164	24%	850	22%	9,330	20%
		B+	62	17%	122	18%	650	19%	8,460	20%	40	16%	123	18%	786	20%	10,240	22%
		A-	54	15%	98	14%	524	16%	7,401	17%	39	15%	139	20%	725	19%	9,198	20%
		A	73	20%	148	22%	691	21%	8,291	20%	79	31%	161	24%	959	25%	11,785	25%
	Total	365	100%	685	100%	3,365	100%	42,325	100%	254	100%	684	100%	3,855	100%	46,798	100%	
26. Which of the following best describes where you are living now while attending college?	LIVENOW	Dormitory or campus housing	272	75%	585	85%	1,956	58%	29,607	69%	65	26%	52	8%	375	10%	10,826	23%
		Residence, walking distance	33	9%	26	4%	209	6%	2,173	5%	69	27%	298	43%	874	22%	9,373	20%
		Residence, driving distance	52	14%	67	10%	1,188	35%	10,708	25%	116	46%	324	47%	2,588	67%	26,363	56%
		Fraternity or sorority house	8	2%	11	2%	33	1%	331	1%	3	1%	18	3%	49	1%	901	2%
		Total	365	100%	689	100%	3,386	100%	42,819	100%	253	100%	692	100%	3,886	100%	47,463	100%

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		First-Year Students								Seniors							
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005	
Variable	Response Options	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %
27a. Father's educational attainment	FATHREDU																
	Did not finish HS	20	6%	17	2%	237	7%	3,014	7%	30	12%	47	7%	376	10%	4,543	10%
	Graduated from HS	79	22%	162	24%	807	24%	10,242	24%	56	22%	158	23%	945	24%	11,442	24%
	Attended, no degree	79	22%	104	15%	529	16%	6,069	14%	41	16%	94	14%	573	15%	6,694	14%
	Completed Associate's	15	4%	66	10%	303	9%	3,307	8%	21	8%	71	10%	356	9%	3,673	8%
	Completed Bachelor's	92	25%	217	32%	920	27%	10,693	25%	55	22%	177	26%	932	24%	11,100	24%
	Completed Master's	50	14%	99	14%	406	12%	6,066	14%	37	15%	90	13%	455	12%	6,288	13%
	Completed Doctorate	28	8%	18	3%	152	5%	2,935	7%	12	5%	54	8%	223	6%	3,428	7%
Total		363	100%	683	100%	3,354	100%	42,326	100%	252	100%	691	100%	3,860	100%	47,168	100%
27b. Mother's educational attainment	MOTHREDU																
	Did not finish HS	15	4%	8	1%	210	6%	2,433	6%	25	10%	34	5%	333	9%	3,719	8%
	Graduated from HS	84	23%	173	25%	782	23%	9,650	23%	51	20%	186	27%	1,062	27%	12,220	26%
	Attended, no degree	66	18%	115	17%	616	18%	6,908	16%	53	21%	101	15%	618	16%	7,330	15%
	Completed Associate's	39	11%	76	11%	433	13%	5,142	12%	26	10%	101	15%	467	12%	5,646	12%
	Completed Bachelor's	99	27%	209	30%	871	26%	11,443	27%	56	22%	172	25%	903	23%	11,167	24%
	Completed Master's	58	16%	97	14%	405	12%	5,932	14%	36	14%	85	12%	440	11%	6,334	13%
	Completed Doctorate	4	1%	8	1%	57	2%	1,079	3%	6	2%	11	2%	56	1%	983	2%
Total		365	100%	686	100%	3,374	100%	42,587	100%	253	100%	690	100%	3,879	100%	47,399	100%
28. Primary major or expected primary major, in collapsed categories	MAJRPCOL																
	Arts and humanities	40	11%	83	12%	383	11%	6,490	15%	32	13%	83	12%	452	12%	7,735	16%
	Biological science	21	6%	43	6%	261	8%	3,580	8%	18	7%	35	5%	244	6%	3,191	7%
	Business	63	17%	110	16%	520	16%	5,773	14%	30	12%	121	18%	743	19%	8,354	18%
	Education	57	16%	128	19%	324	10%	4,478	11%	62	25%	130	19%	448	12%	5,231	11%
	Engineering	19	5%	16	2%	290	9%	2,022	5%	12	5%	17	2%	286	7%	1,903	4%
	Physical science	17	5%	16	2%	110	3%	1,447	3%	15	6%	15	2%	106	3%	1,608	3%
	Professional	32	9%	74	11%	445	13%	4,782	11%	21	8%	56	8%	362	9%	3,815	8%
	Social science	41	11%	66	10%	363	11%	5,842	14%	27	11%	95	14%	468	12%	7,726	16%
	Other	62	17%	107	16%	512	15%	5,858	14%	34	14%	135	20%	769	20%	7,752	16%
	Undecided	14	4%	36	5%	143	4%	2,016	5%	0	0%	0	0%	1	0%	15	0%
Total		366	100%	679	100%	3,351	100%	42,288	100%	251	100%	687	100%	3,879	100%	47,330	100%

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		First-Year Students								Seniors								
		NAU		Selected Peers		Doc-Int		NSSE 2005		NAU		Selected Peers		Doc-Int		NSSE 2005		
		Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	Count	Col %	
Variable	Response Options																	
29. Second major or expected second major (not minor, concentration, etc.) if applicable, in collapsed categories	MAJRSCOL	Arts and humanities	36	17%	54	17%	278	15%	4,760	21%	18	14%	30	13%	161	10%	3,010	16%
		Biological science	8	4%	12	4%	65	4%	780	3%	5	4%	5	2%	34	2%	402	2%
		Business	23	11%	41	13%	236	13%	2,354	10%	6	5%	24	10%	192	12%	2,032	11%
		Education	18	8%	10	3%	95	5%	1,462	6%	17	13%	12	5%	98	6%	1,490	8%
		Engineering	2	1%	4	1%	50	3%	411	2%	0	0%	5	2%	35	2%	245	1%
		Physical science	6	3%	10	3%	80	4%	942	4%	6	5%	3	1%	71	4%	583	3%
		Professional	12	6%	26	8%	110	6%	1,372	6%	1	1%	8	3%	67	4%	630	3%
		Social science	20	9%	31	9%	187	10%	3,067	13%	9	7%	28	12%	179	11%	2,248	12%
		Other	25	12%	33	10%	167	9%	2,210	10%	15	11%	22	10%	168	10%	1,716	9%
		Undecided	64	30%	106	32%	528	29%	5,604	24%	55	42%	93	40%	625	38%	6,733	35%
		Total	214	100%	327	100%	1,796	100%	22,962	100%	132	100%	230	100%	1,630	100%	19,089	100%
Institution reported gender	GENDER	Male	138	34%	256	32%	1,421	36%	16,114	34%	89	34%	232	31%	1,574	37%	17,003	34%
		Female	269	66%	549	68%	2,484	64%	31,830	66%	171	66%	528	69%	2,639	63%	33,544	66%
	Total	407	100%	805	100%	3,905	100%	47,944	100%	260	100%	760	100%	4,213	100%	50,547	100%	
Institution reported race or ethnicity	ETHNICIT	African American/Black	9	2%	55	7%	351	9%	3,544	8%	5	2%	46	6%	309	7%	3,604	7%
		Am. Indian/Native Amer.	31	8%	9	1%	27	1%	345	1%	33	13%	2	0%	19	0%	410	1%
		Asian/Pacific Islander	12	3%	14	2%	227	6%	2,303	5%	4	2%	11	1%	196	5%	2,299	5%
		Caucasian/White	283	70%	682	85%	2,689	69%	34,782	74%	190	73%	654	86%	3,033	72%	37,361	75%
		Hispanic/Latino	42	10%	17	2%	330	8%	2,756	6%	21	8%	8	1%	304	7%	2,711	5%
		Other	0	0%	3	0%	42	1%	389	1%	0	0%	13	2%	54	1%	394	1%
		Multi-racial	18	4%	7	1%	79	2%	717	2%	4	2%	11	1%	115	3%	885	2%
		Foreign	0	0%	0	0%	7	0%	181	0%	0	0%	0	0%	6	0%	152	0%
		Unknown	12	3%	18	2%	133	3%	2,088	4%	3	1%	15	2%	163	4%	2,031	4%
	Total	407	100%	805	100%	3,885	100%	47,105	100%	260	100%	760	100%	4,199	100%	49,847	100%	
Mode of completion	MODECOMP	Paper	5	1%	92	11%	441	11%	7,038	15%	10	4%	115	15%	627	15%	10,677	21%
		Web	402	99%	713	89%	3,464	89%	40,906	85%	250	96%	645	85%	3,586	85%	39,870	79%
	Total	407	100%	805	100%	3,905	100%	47,944	100%	260	100%	760	100%	4,213	100%	50,547	100%	

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