

Chapter IX: COLLEGE STUDENT EXPERIENCE QUESTIONNAIRE (CSEQ)

Who takes it?

Juniors enrolled in a Junior Interdisciplinary Seminar (JINS).

When is it administered?

Each semester.

How long does it take to complete?

30 minutes.

What office administers it?

Residential College Program and Assessment and Testing via the JINS instructors.

Who originates the assessment?

CSEQ Research Program
Center for Postsecondary Research
Indiana University
Ashton Aley Hall Suite 102
1913 East Seventh Street
Bloomington, IN 47405-7510
(812) 856-5825
<http://www.iub.edu/~cseq>
e-mail: cseq@indiana.edu

When are results typically available?

The semester following its administration.

What type of information is sought?

The CSEQ measures three general aspects of a student's experience: college activities, college environment, and self-reported estimate of gains.

From whom are the results available?

Assessment and Testing, Violette Hall 1130.

To whom are the results regularly distributed?

Student Affairs, VPAA Office, and to the university community through this *Almanac*.

Are results available by division or discipline?

No.

Are results comparable to data of other universities?

Yes.



College Student Experiences Questionnaire

This questionnaire asks about how you spend your time at college--with faculty and friends and in classes, social and cultural activities, extracurricular activities, employment, and use of campus facilities such as the library and student center. The usefulness of this or any other survey depends on the thoughtful responses of those who are asked to complete it. Your participation is very important and greatly appreciated.

The information obtained from you and other students at many different colleges and universities will help administrators, faculty members, student leaders, and others to improve the conditions that contribute to your learning and development and to the quality of the experience of those who will come after you.

At first glance, you may think it will take a long time to complete this questionnaire, but it can be answered in about 30 minutes or less. And you will learn some valuable things about yourself, as your answers provide a kind of self-portrait of what you have been doing and how you are benefitting from your college experience.

You do not have to write your name on the questionnaire. But as you will see on the next page we would like to know some things about you so that we can learn how college experiences vary, depending on students' age, sex, year in college, major field, where they live, whether they have a job, and so forth. To know where the reports come from, a number on the back page identifies your institution.

Your questionnaire will be read by an electronic scanning device, so be careful in marking your responses. **Please use only a #2 black lead pencil.** Do not write or make any marks on the questionnaire outside the spaces provided for your answers. Erase cleanly any responses you want to change. **It is very important to answer all questions;** if you are uncertain about what a question means, use your best judgment.

Thank you for your cooperation and participation!

This questionnaire is available from the Indiana University Center for Postsecondary Research and Planning, School of Education, 201 North Rose Avenue, Bloomington, IN 47405-1006. It is for use by individuals and institutions interested in documenting, understanding, and improving the student experience.

BACKGROUND INFORMATION

DIRECTIONS: Indicate your response by filling in the appropriate oval next to the correct answer.

Age

- 19 or younger 30 - 39
 20 - 23 40 - 55
 24 - 29 Over 55

Sex

- male female

What is your marital status?

- not married separated
 married widowed
 divorced

What is your classification in college?

- freshman/first-year senior
 sophomore graduate student
 junior unclassified

Did you begin college here or did you transfer here from another institution?

- started here
 transferred from another institution

Where do you now live during the school year?

- dormitory or other campus housing
 residence (house, apartment, etc.) within walking distance of the institution
 residence (house, apartment, etc.) within driving distance
 fraternity or sorority house

With whom do you live during the school year? (Fill in all that apply)

- no one, I live alone
 one or more other students
 my spouse or partner
 my child or children
 my parents
 other relatives
 friends who are not students at the institution I'm attending
 other people: who? →

Do you have access to a computer where you live or work, or nearby that you can use for your school work?

- yes
 no

What have most of your grades been up to now at this institution?

- A B-, C+
 A-, B+ C, C-, or lower
 B

Which of these fields best describes your major, or your anticipated major? You may indicate more than one if applicable.

- Agriculture
 Biological/life sciences (biology, biochemistry, botany, zoology, etc.)
 Business (accounting, business administration, marketing, management, etc.)
 Communication (speech, journalism, television/radio, etc.)
 Computer and information sciences
 Education
 Engineering
 Ethnic, cultural studies, and area studies
 Foreign languages and literature (French, Spanish, etc.)
 Health-related fields (nursing, physical therapy, health technology, etc.)
 History
 Humanities (English, literature, philosophy, religion, etc.)
 Liberal/general studies
 Mathematics
 Multi/interdisciplinary studies (international relations, ecology, environmental studies, etc.)
 Parks, recreation, leisure studies, sports management
 Physical sciences (physics, chemistry, astronomy, earth science, etc.)
 Pre-professional (pre-dental, pre-medical, pre-veterinary)
 Public administration (city management, law enforcement, etc.)
 Social sciences (anthropology, economics, political science, psychology, sociology, etc.)
 Visual and performing arts (art, music, theater, etc.)
 Undecided
 Other: What? →

Did either of your parents graduate from college?

- no yes, mother only
 yes, both parents don't know
 yes, father only

Do you expect to enroll for an advanced degree when, or if, you complete your undergraduate degree?

- yes no

How many credit hours are you taking this term?

- 6 or fewer 15 - 16
 7 - 11 17 or more
 12 - 14

During the time school is in session, about how many hours a week do you usually spend outside of class on activities related to your academic program, such as studying, writing, reading, lab work, rehearsing, etc.?

- 5 or fewer hours a week 21 - 25 hours a week
 6 - 10 hours a week 26 - 30 hours a week
 11 - 15 hours a week more than 30 hours a week
 16 - 20 hours a week

During the time school is in session, about how many hours a week do you usually spend working on a job for pay? To provide information about your work experiences on and off campus, fill in one oval in each column.

	ON-CAMPUS	OFF-CAMPUS
None; I don't have a job	<input type="radio"/>	<input type="radio"/>
1 - 10 hours a week	<input type="radio"/>	<input type="radio"/>
11 - 20 hours	<input type="radio"/>	<input type="radio"/>
21 - 30 hours	<input type="radio"/>	<input type="radio"/>
31 - 40 hours	<input type="radio"/>	<input type="radio"/>
More than 40 hours	<input type="radio"/>	<input type="radio"/>

If you have a job, how does it affect your school work?

- I don't have a job
- My job does not interfere with my school work
- My job takes some time from my school work
- My job takes a lot of time from my school work

How do you meet your college expenses? Fill in the response that best approximates the amount of support from each of the various sources.

	None	Very Little	Less Than Half	About Half	More Than Half	All or Nearly All
Self (job, savings, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spouse or partner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Employer support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scholarships and grants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Loans	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What is your racial or ethnic identification? (Fill in all that apply)

- American Indian or other Native American
- Asian or Pacific Islander
- Black or African American
- Caucasian (other than Hispanic)
- Mexican-American
- Puerto Rican
- Other Hispanic
- Other: What? →

COLLEGE ACTIVITIES

DIRECTIONS: In your experience at this institution during the current school year, about how often have you done each of the following? Indicate your response by filling in one of the ovals to the right of each statement.

	Very Often	Often	Occasionally	Never
Library				
Used the library as a quiet place to read or study materials you brought with you.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Found something interesting while browsing in the library.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asked a librarian or staff member for help in finding information on some topic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read assigned materials other than textbooks in the library (reserve readings, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used an index or database (computer, card catalog, etc.) to find material on some topic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developed a bibliography or reference list for a term paper or other report.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gone back to read a basic reference or document that other authors referred to.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Made a judgment about the quality of information obtained from the library, World Wide Web, or other sources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Very Often	Often	Occasionally	Never
Computer and Information Technology				
Used a computer or word processor to prepare reports or papers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used e-mail to communicate with an instructor or other students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used a computer tutorial to learn material for a course or developmental/remedial program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated in class discussions using an electronic medium (e-mail, list-serve, chat group, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Searched the World Wide Web or Internet for information related to a course.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used a computer to retrieve materials from a library <u>not</u> at this institution.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used a computer to produce visual displays of information (charts, graphs, spreadsheets, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used a computer to analyze data (statistics, forecasting, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developed a Web page or multimedia presentation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

DIRECTIONS: In your experience at this institution during the current school year, about how often have you done each of the following? Indicate your response by filling in one of the ovals to the right of each statement.

Course Learning

	Very Often	Often	Occasionally	Never
Completed the assigned readings for class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Took detailed notes during class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contributed to class discussions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developed a role play, case study, or simulation for a class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tried to see how different facts and ideas fit together.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summarized major points and information from your class notes or readings.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked on a class assignment, project, or presentation with other students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applied material learned in a class to other areas (your job or internship, other courses, relationships with friends, family, co-workers, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used information or experience from other areas of your life (job, internship, interactions with others) in class discussions or assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tried to explain material from a course to someone else (another student, friend, co-worker, family member)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked on a paper or project where you had to integrate ideas from various sources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Writing Experiences

Used a dictionary or thesaurus to look up the proper meaning of words.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thought about grammar, sentence structure, word choice, and sequence of ideas or points as you were writing.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asked other people to read something you wrote to see if it was clear to them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Referred to a book or manual about writing style, grammar, etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Revised a paper or composition two or more times before you were satisfied with it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asked an instructor or staff member for advice and help to improve your writing.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prepared a major written report for a class (20 pages or more).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Experiences with Faculty

	Very Often	Often	Occasionally	Never
Talked with your instructor about information related to a course you were taking (grades, make-up work, assignments, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discussed your academic program or course selection with a faculty member.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discussed ideas for a term paper or other class project with a faculty member.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discussed your career plans and ambitions with a faculty member.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked harder as a result of feedback from an instructor.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Socialized with a faculty member outside of class (had a snack or soft drink, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated with other students in a discussion with one or more faculty members outside of class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asked your instructor for comments and criticisms about your academic performance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked harder than you thought you could to meet an instructor's expectations and standards.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked with a faculty member on a research project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Art, Music, Theater

Talked about art (painting, sculpture, artists, etc.) or the theater (plays, musicals, dance, etc.) with other students, friends, or family members.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Went to an art exhibit/gallery or a play, dance, or other theater performance, on or off the campus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated in some art activity (painting, pottery, weaving, drawing, etc.) or theater event, or worked on some theatrical production (acted, danced, worked on scenery, etc.), on or off the campus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talked about music or musicians (classical, popular, etc.) with other students, friends, or family members.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attended a concert or other music event, on or off the campus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated in some music activity (orchestra, chorus, dance, etc.) on or off the campus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read or discussed the opinions of art, music, or drama critics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

DIRECTIONS: In your experience at this institution during the current school year, about how often have you done each of the following? Indicate your response by filling in one of the ovals to the right of each statement.

	Very Often	Often	Occasionally	Never
Campus Facilities				
Used a campus lounge to relax or study by yourself.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met other students at some campus location (campus center, etc.) for a discussion.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attended a cultural or social event in the campus center or other campus location.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Went to a lecture or panel discussion.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used a campus learning lab or center to improve study or academic skills (reading, writing, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used campus recreational facilities (pool, fitness equipment, courts, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Played a team sport (intramural, club, intercollegiate).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Followed a regular schedule of exercise or practice for some recreational sporting activity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clubs and Organizations				
Attended a meeting of a campus club, organization, or student government group.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked on a campus committee, student organization, or project (publications, student government, special event, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked on an off-campus committee, organization, or project (civic group, church group, community event, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met with a faculty member or staff advisor to discuss the activities of a group or organization.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managed or provided leadership for a club or organization, on or off the campus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal Experiences				
Told a friend or family member why you reacted to another person the way you did.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discussed with another student, friend, or family member why some people get along smoothly, and others do not.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asked a friend for help with a personal problem.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read articles or books about personal growth, self-improvement, or social development.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identified with a character in a book, movie, or television show and wondered what you might have done under similar circumstances.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taken a test to measure your abilities, interests, or attitudes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asked a friend to tell you what he or she really thought about you.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talked with a faculty member, counselor or other staff member about personal concerns.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Very Often	Often	Occasionally	Never
Student Acquaintances				
Became acquainted with students whose interests were different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Became acquainted with students whose family background (economic, social) was different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Became acquainted with students whose age was different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Became acquainted with students whose race or ethnic background was different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Became acquainted with students from another country.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had serious discussions with students whose philosophy of life or personal values were very different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had serious discussions with students whose political opinions were very different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had serious discussions with students whose religious beliefs were very different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had serious discussions with students whose race or ethnic background was different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had serious discussions with students from a country different from yours.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific and Quantitative Experiences				
Memorized formulas, definitions, technical terms and concepts.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used mathematical terms to express a set of relationships.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explained your understanding of some scientific or mathematical theory, principle or concept to someone else (classmate, co-worker, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read articles about scientific or mathematical theories or concepts in addition to those assigned for a class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Completed an experiment or project using scientific methods.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Practiced to improve your skill in using a piece of laboratory equipment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Showed someone else how to use a piece of scientific equipment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explained an experimental procedure to someone else.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Compared the scientific method with other methods for gaining knowledge and understanding.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explained to another person the scientific basis for concerns about scientific or environmental issues (pollution, recycling, alternative sources of energy, acid rain) or similar aspects of the world around you.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

CONVERSATIONS

DIRECTIONS: In conversations with others (students, family members, co-workers, etc.) outside the classroom *during this school year*, about how often have you talked about each of the following?

Topics of Conversation	Frequency			
	Very Often	Often	Occasionally	Never
Current events in the news.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social issues such as peace, justice, human rights, equality, race relations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Different lifestyles, customs, and religions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ideas and views of other people such as writers, philosophers, historians.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The arts (painting, poetry, dance, theatrical productions, symphony, movies, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science (theories, experiments, methods, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computers and other technologies.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social and ethical issues related to science and technology such as energy, pollution, chemicals, genetics, military use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The economy (employment, wealth, poverty, debt, trade, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
International relations (human rights, free trade, military activities, political differences, etc.).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Information in Conversations	Frequency			
	Very Often	Often	Occasionally	Never
Referred to knowledge you acquired in your reading or classes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explored different ways of thinking about the topic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Referred to something one of your instructors said about the topic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subsequently read something that was related to the topic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Changed your opinion as a result of the knowledge or arguments presented by others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persuaded others to change their minds as a result of the knowledge or arguments you cited.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

READING/WRITING

During this current school year, about how many books have you read? Fill in one response for each item listed below.	Number of Books				
	None	Fewer than 5	Between 5 and 10	Between 10 and 20	More than 20
Textbooks or assigned books	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assigned packs of course readings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-assigned books	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During this current school year, about how many exams, papers, or reports have you written? Fill in one response for each item listed below.	Number of Exams/Papers/Reports				
	None	Fewer than 5	Between 5 and 10	Between 10 and 20	More than 20
Essay exams for your courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Term papers or other written reports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OPINIONS ABOUT YOUR COLLEGE OR UNIVERSITY

How well do you like college?

- I am enthusiastic about it.
- I like it.
- I am more or less neutral about it.
- I don't like it.

If you could start over again, would you go to the same institution you are now attending?

- Yes, definitely
- Probably yes
- Probably no
- No, definitely

THE COLLEGE ENVIRONMENT

Colleges and universities differ from one another in the extent to which they emphasize or focus on various aspects of students' development. Thinking of your experience at this institution, to what extent do you feel that each of the following is emphasized? The responses are numbered from 7 to 1, with the highest and lowest points illustrated. Fill in the oval with the number that best represents your impression on each of the following seven-point rating scales.

Emphasis on developing academic, scholarly, and intellectual qualities

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

Emphasis on developing aesthetic, expressive, and creative qualities

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

Emphasis on developing critical, evaluative, and analytical qualities

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

Emphasis on developing an understanding and appreciation of human diversity

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

Emphasis on developing information literacy skills (using computers, other information resources)

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

Emphasis on developing vocational and occupational competence

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

Emphasis on the personal relevance and practical value of your courses

Strong Emphasis ⑦ ⑥ ⑤ ④ ③ ② ① Weak Emphasis

The next three ratings refer to relations with people at this college. Again, thinking of your own experience, please rate the quality of these relationships on each of the following seven-point rating scales.

Relationships with other students

Friendly, Supportive, Sense of belonging ⑦ ⑥ ⑤ ④ ③ ② ① Competitive, Uninvolved, Sense of alienation

Relationships with administrative personnel and offices

Helpful, Considerate, Flexible ⑦ ⑥ ⑤ ④ ③ ② ① Rigid, Impersonal, Bound by regulations

Relationships with faculty members

Approachable, Helpful, Understanding, Encouraging ⑦ ⑥ ⑤ ④ ③ ② ① Remote, Discouraging, Unsympathetic

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Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Surveys submitted	Yes	215	100	351	100	8	100	574	100
Age of student	19 or younger	10	5	22	6	1	17	33	6
	20-23	197	92	325	93	5	83	527	92
	24-29	4	2	2	1	0	0	6	1
	30-39	3	1	0	0	0	0	3	1
	40-55	0	0	2	1	0	0	2	0
Total		214	100	351	100	6	100	571	100
Marital status	not married	210	98	343	98	6	100	559	98
	married	5	2	6	2	0	0	11	2
	divorced	0	0	2	1	0	0	2	0
Total		215	100	351	100	6	100	572	100
College classification	sophomore	4	2	11	3	0	0	15	3
	junior	165	77	275	79	6	100	446	78
	senior	46	21	64	18	0	0	110	19
Total		215	100	350	100	6	100	571	100
Enter college here or transfer	started here	194	90	329	94	6	100	529	92
	transferred	21	10	22	6	0	0	43	8
Total		215	100	351	100	6	100	572	100
Where live now during school	dorm, other housing	59	27	102	29	0	0	161	28
	residence in walking	106	49	194	55	5	83	305	53
	residence in driving	34	16	53	15	1	17	88	15
	fraternity, sorority	16	7	1	0	0	0	17	3
Total		215	100	350	100	6	100	571	100
Live with: no one	no	183	86	307	88	6	100	496	87
	yes	31	14	41	12	0	0	72	13
Total		214	100	348	100	6	100	568	100
Live with: other students	no	45	21	61	18	0	0	106	19
	yes	169	79	287	82	6	100	462	81
Total		214	100	348	100	6	100	568	100
Live with: spouse or partner	no	208	97	335	96	6	100	549	97
	yes	6	3	13	4	0	0	19	3
Total		214	100	348	100	6	100	568	100
Live with: my child	no	212	99	344	99	6	100	562	99
	yes	2	1	4	1	0	0	6	1
Total		214	100	348	100	6	100	568	100
Live with: my parents	no	213	100	345	99	6	100	564	99
	yes	1	0	3	1	0	0	4	1
Total		214	100	348	100	6	100	568	100
Live with: other relatives	no	212	99	346	99	6	100	564	99
	yes	2	1	2	1	0	0	4	1
Total		214	100	348	100	6	100	568	100
Live with: friends not students here	no	211	99	345	99	6	100	562	99
	yes	3	1	3	1	0	0	6	1
Total		214	100	348	100	6	100	568	100
Live with: others	no	209	98	347	100	6	100	562	99
	yes	5	2	1	0	0	0	6	1
Total		214	100	348	100	6	100	568	100
Access to a computer	yes	212	99	349	99	6	100	567	99
	no	3	1	2	1	0	0	5	1
Total		215	100	351	100	6	100	572	100
Grades at this college	C, C-, or lower	3	1	4	1	0	0	7	1
	B-, C+	31	14	41	12	2	33	74	13
	B	72	33	93	27	1	17	166	29
	A-, B+	68	32	134	38	3	50	205	36
	A	41	19	78	22	0	0	119	21
Total		215	100	350	100	6	100	571	100
Parents graduate from college	no	53	25	115	33	1	17	169	30
	yes, both parents	100	47	129	37	3	50	232	41
	yes, father only	42	20	55	16	2	33	99	17
	yes, mother only	18	8	48	14	0	0	66	12
	do not know	2	1	3	1	0	0	5	1
Total		215	100	350	100	6	100	571	100
Enroll for a more advanced degree	yes	153	71	268	77	5	83	426	75
	no	62	29	81	23	1	17	144	25

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Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		215	100	349	100	6	100	570	100
Number of term credit hours	6 or fewer	2	1	0	0	0	0	2	0
	7-11	1	0	0	0	0	0	1	0
	12-14	69	32	94	27	3	50	166	29
	15-16	117	54	201	57	3	50	321	56
	17 or more	26	12	55	16	0	0	81	14
Total		215	100	350	100	6	100	571	100
Hours on out of class academic work	5 or less hrs weekly	17	8	11	3	1	17	29	5
	6-10 hrs weekly	60	28	67	19	2	33	129	23
	11-15 hrs weekly	55	26	86	25	0	0	141	25
	16-20 hrs weekly	33	15	84	24	1	17	118	21
	21-25 hrs weekly	28	13	52	15	1	17	81	14
	26-30 hrs weekly	11	5	30	9	0	0	41	7
	more than 30 hrs	11	5	21	6	1	17	33	6
Total		215	100	351	100	6	100	572	100
Hours working on campus for pay	none; no job	119	56	173	49	4	67	296	52
	1-10 hrs weekly	65	31	138	39	1	17	204	36
	11-20 hrs weekly	25	12	35	10	1	17	61	11
	21-30 hrs weekly	2	1	3	1	0	0	5	1
	31-40 hrs weekly	1	0	1	0	0	0	2	0
	more than 40 hrs	0	0	1	0	0	0	1	0
Total		212	100	351	100	6	100	569	100
Hours working off campus for pay	none; no job	162	76	257	73	6	100	425	75
	1-10 hrs weekly	17	8	29	8	0	0	46	8
	11-20 hrs weekly	22	10	43	12	0	0	65	11
	21-30 hrs weekly	8	4	18	5	0	0	26	5
	31-40 hrs weekly	4	2	2	1	0	0	6	1
	more than 40 hrs	0	0	1	0	0	0	1	0
Total		213	100	350	100	6	100	569	100
How job affects school work	no job	87	41	116	33	4	67	207	36
	does not interfere	50	23	103	29	1	17	154	27
	takes some time	66	31	122	35	1	17	189	33
	takes lots of time	10	5	9	3	0	0	19	3
Total		213	100	350	100	6	100	569	100
Meet expenses: self	none	32	17	49	16	1	20	82	17
	very little	76	42	134	44	2	40	212	43
	less than half	53	29	75	25	2	40	130	26
	about half	10	5	24	8	0	0	34	7
	more than half	6	3	10	3	0	0	16	3
	all or nearly all	6	3	14	5	0	0	20	4
Total		183	100	306	100	5	100	494	100
Meet expenses: parents	none	17	9	39	12	0	0	56	11
	very little	37	20	61	19	0	0	98	19
	less than half	27	14	57	18	1	33	85	17
	about half	32	17	51	16	1	33	84	16
	more than half	30	16	43	13	1	33	74	14
	all or nearly all	44	24	74	23	0	0	118	23
Total		187	100	325	100	3	100	515	100
Meet expenses: spouse or partner	none	131	98	251	94	2	100	384	96
	very little	1	1	11	4	0	0	12	3
	less than half	1	1	2	1	0	0	3	1
	about half	0	0	1	0	0	0	1	0
	more than half	0	0	2	1	0	0	2	0
Total		133	100	267	100	2	100	402	100
Meet expenses: employer	none	120	91	248	95	2	100	370	93
	very little	8	6	11	4	0	0	19	5
	less than half	3	2	3	1	0	0	6	2
	more than half	1	1	0	0	0	0	1	0
Total		132	100	262	100	2	100	396	100
Meet expenses: scholarships and grants	none	28	16	46	15	2	33	76	15
	very little	26	15	48	15	1	17	75	15
	less than half	42	24	70	22	0	0	112	23
	about half	31	17	49	16	1	17	81	16
	more than half	22	12	42	13	0	0	64	13

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Background Characteristics

	Sex of student						Total	
	Male		Female		Missing		N	%
	N	%	N	%	N	%		
Total	178	100	313	100	6	100	497	100
Meet expenses: loans								
none	77	49	150	51	1	33	228	50
very little	7	4	18	6	0	0	25	5
less than half	25	16	47	16	0	0	72	16
about half	17	11	35	12	0	0	52	11
more than half	18	12	31	10	1	33	50	11
all or nearly all	12	8	16	5	1	33	29	6
Total	156	100	297	100	3	100	456	100
Meet expenses: other sources								
none	121	91	247	94	2	100	370	93
very little	5	4	11	4	0	0	16	4
less than half	1	1	1	0	0	0	2	1
about half	2	2	0	0	0	0	2	1
more than half	0	0	2	1	0	0	2	1
all or nearly all	4	3	3	1	0	0	7	2
Total	133	100	264	100	2	100	399	100
Race: American Indian or other native								
no	208	99	342	98	6	100	556	99
yes	2	1	6	2	0	0	8	1
Total	210	100	348	100	6	100	564	100
Race: Asian or Pacific Islander								
no	197	94	342	98	6	100	545	97
yes	13	6	6	2	0	0	19	3
Total	210	100	348	100	6	100	564	100
Race: Black or African American								
no	194	92	331	95	6	100	531	94
yes	16	8	17	5	0	0	33	6
Total	210	100	348	100	6	100	564	100
Race: Caucasian								
no	29	14	33	9	1	17	63	11
yes	181	86	315	91	5	83	501	89
Total	210	100	348	100	6	100	564	100
Race: Mexican American								
no	207	99	347	100	6	100	560	99
yes	3	1	1	0	0	0	4	1
Total	210	100	348	100	6	100	564	100
Race: Puerto Rican								
no	209	100	347	100	6	100	562	100
yes	1	0	1	0	0	0	2	0
Total	210	100	348	100	6	100	564	100
Race: Other Hispanic								
no	209	100	344	99	6	100	559	99
yes	1	0	4	1	0	0	5	1
Total	210	100	348	100	6	100	564	100
Race: Other								
no	204	97	343	99	5	83	552	98
yes	6	3	5	1	1	17	12	2
Total	210	100	348	100	6	100	564	100
No. of racial/ethnic groups of student								
belongs to 1 group	201	96	343	99	6	100	550	98
belongs to 2 groups	8	4	3	1	0	0	11	2
belongs to 3 groups	0	0	2	1	0	0	2	0
belongs to 6 groups	1	0	0	0	0	0	1	0
Total	210	100	348	100	6	100	564	100
Racial or ethnic identification								
American Indian	0	0	3	1	0	0	3	1
Asian, Pacific Islander	11	5	6	2	0	0	17	3
Black, African American	10	5	16	5	0	0	26	5
White, Caucasian	174	83	310	89	5	83	489	87
Mexican-American	2	1	1	0	0	0	3	1
Puerto Rican	0	0	1	0	0	0	1	0
Other Hispanic	0	0	2	1	0	0	2	0
Other	4	2	4	1	1	17	9	2
Multiracial	9	4	5	1	0	0	14	2
Total	210	100	348	100	6	100	564	100

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Major

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Agriculture	no	210	100	339	100	6	100	555	100
	yes	0	0	1	0	0	0	1	0
Total		210	100	340	100	6	100	556	100
Major: Biological or life sciences	no	200	95	326	96	6	100	532	96
	yes	10	5	14	4	0	0	24	4
Total		210	100	340	100	6	100	556	100
Major: Business	no	169	80	308	91	6	100	483	87
	yes	41	20	32	9	0	0	73	13
Total		210	100	340	100	6	100	556	100
Major: Communications	no	206	98	326	96	6	100	538	97
	yes	4	2	14	4	0	0	18	3
Total		210	100	340	100	6	100	556	100
Major: Computer and information sciences	no	195	93	339	100	6	100	540	97
	yes	15	7	1	0	0	0	16	3
Total		210	100	340	100	6	100	556	100
Major: Education	no	204	97	327	96	4	67	535	96
	yes	6	3	13	4	2	33	21	4
Total		210	100	340	100	6	100	556	100
Major: Engineering	no	210	100	340	100	6	100	556	100
Total		210	100	340	100	6	100	556	100
Major: Ethnic, cultural,	no	210	100	340	100	6	100	556	100
Total		210	100	340	100	6	100	556	100
Major: Foreign languages and literature	no	208	99	332	98	6	100	546	98
	yes	2	1	8	2	0	0	10	2
Total		210	100	340	100	6	100	556	100
Major: Health-related fields	no	203	97	302	89	6	100	511	92
	yes	7	3	38	11	0	0	45	8
Total		210	100	340	100	6	100	556	100
Major: History	no	204	97	335	99	6	100	545	98
	yes	6	3	5	1	0	0	11	2
Total		210	100	340	100	6	100	556	100
Major: Humanities	no	202	96	316	93	6	100	524	94
	yes	8	4	24	7	0	0	32	6
Total		210	100	340	100	6	100	556	100
Major: Liberal or general	no	210	100	340	100	6	100	556	100
Total		210	100	340	100	6	100	556	100
Major: Mathematics	no	202	96	338	99	6	100	546	98
	yes	8	4	2	1	0	0	10	2
Total		210	100	340	100	6	100	556	100
Major:	no	210	100	340	100	6	100	556	100
Total		210	100	340	100	6	100	556	100
Major: Recreation or sports management	no	209	100	339	100	6	100	554	100
	yes	1	0	1	0	0	0	2	0
Total		210	100	340	100	6	100	556	100
Major: Physical sciences	no	208	99	339	100	6	100	553	99
	yes	2	1	1	0	0	0	3	1
Total		210	100	340	100	6	100	556	100
Major: Pre-professional	no	206	98	328	96	6	100	540	97
	yes	4	2	12	4	0	0	16	3
Total		210	100	340	100	6	100	556	100
Major: Public administration	no	204	97	338	99	6	100	548	99
	yes	6	3	2	1	0	0	8	1
Total		210	100	340	100	6	100	556	100
Major: Social sciences	no	190	90	295	87	5	83	490	88
	yes	20	10	45	13	1	17	66	12
Total		210	100	340	100	6	100	556	100

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Major

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Visual and performing arts	no	198	94	326	96	6	100	530	95
	yes	12	6	14	4	0	0	26	5
Total		210	100	340	100	6	100	556	100
Major: Undecided	no	210	100	340	100	6	100	556	100
Total		210	100	340	100	6	100	556	100
Major: Other	no	84	40	104	31	2	33	190	34
	yes	126	60	236	69	4	67	366	66
Total		210	100	340	100	6	100	556	100

Library Experiences

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used the library to study	never	32	15	54	15	0	0	86	15
	occasionally	101	47	174	50	2	29	277	48
	often	51	24	80	23	3	43	134	23
	very often	31	14	42	12	2	29	75	13
Total		215	100	350	100	7	100	572	100
Found something interesting browsing	never	65	30	109	31	1	14	175	31
	occasionally	108	50	197	56	3	43	308	54
	often	33	15	38	11	3	43	74	13
	very often	9	4	6	2	0	0	15	3
Total		215	100	350	100	7	100	572	100
Asked a librarian/staff member for help	never	72	33	98	28	1	14	171	30
	occasionally	105	49	205	58	5	71	315	55
	often	29	13	36	10	1	14	66	12
	very often	9	4	12	3	0	0	21	4
Total		215	100	351	100	7	100	573	100
Read assigned material not texts	never	56	26	72	21	2	29	130	23
	occasionally	87	41	182	52	2	29	271	47
	often	54	25	75	21	3	43	132	23
	very often	17	8	22	6	0	0	39	7
Total		214	100	351	100	7	100	572	100
Used index or database to find material	never	11	5	8	2	0	0	19	3
	occasionally	77	36	87	25	1	14	165	29
	often	71	33	140	40	4	57	215	38
	very often	56	26	116	33	2	29	174	30
Total		215	100	351	100	7	100	573	100
Wrote bibliography for a term paper	never	13	6	15	4	0	0	28	5
	occasionally	79	37	97	28	1	14	177	31
	often	68	32	115	33	5	71	188	33
	very often	55	26	123	35	1	14	179	31
Total		215	100	350	100	7	100	572	100
Gone back to read basic reference	never	92	43	181	52	2	29	275	48
	occasionally	80	37	122	35	4	57	206	36
	often	25	12	30	9	1	14	56	10
	very often	17	8	17	5	0	0	34	6
Total		214	100	350	100	7	100	571	100
Made a judgment about quality of info.	never	27	13	44	13	0	0	71	13
	occasionally	79	37	135	39	4	57	218	38
	often	67	32	102	29	2	29	171	30
	very often	39	18	68	19	1	14	108	19
Total		212	100	349	100	7	100	568	100

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Computer and Information Technology Activities

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used computer/word processor for paper	never	0	0	3	1	0	0	3	1
	occasionally	4	2	7	2	0	0	11	2
	often	26	12	22	6	0	0	48	8
	very often	185	86	319	91	7	100	511	89
Total		215	100	351	100	7	100	573	100
Used e-mail to communicate with class	never	1	0	1	0	0	0	2	0
	occasionally	26	12	16	5	1	14	43	8
	often	44	20	49	14	0	0	93	16
	very often	144	67	285	81	6	86	435	76
Total		215	100	351	100	7	100	573	100
Used computer tutorial to learn material	never	73	34	90	26	2	29	165	29
	occasionally	81	38	147	42	2	29	230	40
	often	32	15	74	21	2	29	108	19
	very often	29	13	40	11	1	14	70	12
Total		215	100	351	100	7	100	573	100
Joined in electronic class discussions	never	84	39	139	40	2	29	225	39
	occasionally	80	37	134	38	0	0	214	37
	often	27	13	46	13	3	43	76	13
	very often	24	11	32	9	2	29	58	10
Total		215	100	351	100	7	100	573	100
Searched Internet for course material	never	2	1	3	1	0	0	5	1
	occasionally	29	13	27	8	0	0	56	10
	often	53	25	91	26	1	14	145	25
	very often	131	61	230	66	6	86	367	64
Total		215	100	351	100	7	100	573	100
Retrieved off-campus library materials	never	69	32	123	35	2	29	194	34
	occasionally	79	37	135	38	1	14	215	38
	often	34	16	47	13	1	14	82	14
	very often	32	15	46	13	3	43	81	14
Total		214	100	351	100	7	100	572	100
Made visual displays with computer	never	5	2	22	6	0	0	27	5
	occasionally	79	37	127	36	4	57	210	37
	often	61	28	93	26	2	29	156	27
	very often	70	33	109	31	1	14	180	31
Total		215	100	351	100	7	100	573	100
Used a computer to analyze data	never	22	10	53	15	1	14	76	13
	occasionally	74	34	149	42	4	57	227	40
	often	57	27	77	22	0	0	134	23
	very often	62	29	72	21	2	29	136	24
Total		215	100	351	100	7	100	573	100
Developed Web page, multimedia present.	never	47	22	77	22	4	57	128	22
	occasionally	91	42	192	55	2	29	285	50
	often	41	19	48	14	1	14	90	16
	very often	36	17	34	10	0	0	70	12
Total		215	100	351	100	7	100	573	100

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Course Learning

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Completed assigned readings	never	3	1	2	1	0	0	5	1
	occasionally	42	20	51	15	1	14	94	17
	often	95	45	124	35	3	43	222	39
	very often	72	34	173	49	3	43	248	44
Total		212	100	350	100	7	100	569	100
Took detailed class notes	occasionally	28	13	11	3	1	14	40	7
	often	82	38	61	17	2	29	145	25
	very often	104	49	278	79	4	57	386	68
Total		214	100	350	100	7	100	571	100
Contributed to class discussions	never	3	1	5	1	0	0	8	1
	occasionally	62	29	117	34	3	43	182	32
	often	89	42	116	33	2	29	207	37
	very often	59	28	109	31	2	29	170	30
Total		213	100	347	100	7	100	567	100
Developed role play/case study for class	never	81	38	129	37	3	43	213	38
	occasionally	86	41	165	47	3	43	254	45
	often	31	15	30	9	0	0	61	11
	very often	13	6	26	7	1	14	40	7
Total		211	100	350	100	7	100	568	100
Put together different facts and ideas	never	5	2	5	1	0	0	10	2
	occasionally	48	23	91	26	2	29	141	25
	often	101	48	129	37	2	29	232	41
	very often	58	27	125	36	3	43	186	33
Total		212	100	350	100	7	100	569	100
Summarized major points and information	never	14	7	12	3	0	0	26	5
	occasionally	47	22	74	21	3	43	124	22
	often	102	48	132	38	1	14	235	41
	very often	49	23	131	38	3	43	183	32
Worked with others on class project	never	3	1	1	0	1	14	5	1
	occasionally	54	25	55	16	0	0	109	19
	often	85	40	147	42	3	43	235	41
	very often	72	34	147	42	3	43	222	39
Total		214	100	350	100	7	100	571	100
Applied class material to other areas	never	7	3	3	1	0	0	10	2
	occasionally	67	31	80	23	1	14	148	26
	often	85	40	146	42	4	57	235	41
	very often	55	26	120	34	2	29	177	31
Total		214	100	349	100	7	100	570	100
Used info. from other areas in class	never	4	2	8	2	0	0	12	2
	occasionally	72	34	101	29	1	14	174	31
	often	98	46	139	40	5	71	242	42
	very often	40	19	101	29	1	14	142	25
Total		214	100	349	100	7	100	570	100
Explained course material to others	never	2	1	1	0	0	0	3	1
	occasionally	49	23	80	23	2	29	131	23
	often	108	51	170	49	2	29	280	49
	very often	54	25	97	28	3	43	154	27
Total		213	100	348	100	7	100	568	100
Worked on project integrating ideas	never	3	1	2	1	0	0	5	1
	occasionally	46	22	75	22	0	0	121	21
	often	93	44	121	35	2	29	216	38
	very often	71	33	150	43	5	71	226	40
Total		213	100	348	100	7	100	568	100

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Writing Experiences

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a dictionary or thesaurus	never	13	6	2	1	0	0	15	3
	occasionally	75	35	108	31	2	29	185	32
	often	63	29	126	36	3	43	192	34
	very often	63	29	114	33	2	29	179	31
Total		214	100	350	100	7	100	571	100
Thought about grammar, etc while writing	never	5	2	1	0	0	0	6	1
	occasionally	40	19	28	8	0	0	68	12
	often	82	38	110	31	2	29	194	34
	very often	87	41	211	60	5	71	303	53
Total		214	100	350	100	7	100	571	100
Asked others to read your writing	never	23	11	15	4	1	14	39	7
	occasionally	82	38	104	30	2	29	188	33
	often	70	33	112	32	1	14	183	32
	very often	39	18	118	34	3	43	160	28
Total		214	100	349	100	7	100	570	100
Referred to a style manual	never	39	18	22	6	1	14	62	11
	occasionally	97	45	129	37	2	29	228	40
	often	47	22	117	34	3	43	167	29
	very often	31	14	81	23	1	14	113	20
Total		214	100	349	100	7	100	570	100
Revised a paper two or more times	never	38	18	35	10	2	29	75	13
	occasionally	84	39	125	36	1	14	210	37
	often	59	28	95	27	3	43	157	28
	very often	33	15	94	27	1	14	128	22
Total		214	100	349	100	7	100	570	100
Asked for writing advice	never	71	33	86	25	2	29	159	28
	occasionally	92	43	173	49	1	14	266	47
	often	32	15	63	18	3	43	98	17
	very often	19	9	28	8	1	14	48	8
Total		214	100	350	100	7	100	571	100
Prepared major report for class	never	109	51	179	51	4	57	292	51
	occasionally	67	31	117	33	2	29	186	33
	often	24	11	28	8	0	0	52	9
	very often	13	6	26	7	1	14	40	7
Total		213	100	350	100	7	100	570	100

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Experiences with Faculty

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Asked instructor for course information	never	3	1	1	0	1	14	5	1
	occasionally	82	38	120	34	2	29	204	36
	often	78	36	131	38	2	29	211	37
	very often	51	24	96	28	2	29	149	26
Total		214	100	348	100	7	100	569	100
Discussed academic program with faculty	never	9	4	13	4	0	0	22	4
	occasionally	95	44	171	49	3	43	269	47
	often	82	38	106	30	3	43	191	34
	very often	28	13	59	17	1	14	88	15
Total		214	100	349	100	7	100	570	100
Discussed term paper with faculty	never	38	18	35	10	1	14	74	13
	occasionally	94	44	197	57	3	43	294	52
	often	62	29	74	21	2	29	138	24
	very often	20	9	42	12	1	14	63	11
Total		214	100	348	100	7	100	569	100
Discussed career plans with faculty	never	46	22	55	16	3	43	104	18
	occasionally	97	46	191	55	2	29	290	51
	often	44	21	66	19	1	14	111	20
	very often	25	12	37	11	1	14	63	11
Total		212	100	349	100	7	100	568	100
Worked harder due to instructor feedback	never	22	10	28	8	0	0	50	9
	occasionally	77	36	111	32	3	43	191	34
	often	85	40	144	41	3	43	232	41
	very often	30	14	66	19	1	14	97	17
Total		214	100	349	100	7	100	570	100
Socialized with faculty outside of class	never	73	34	176	50	2	29	251	44
	occasionally	78	36	127	36	4	57	209	37
	often	40	19	32	9	1	14	73	13
	very often	23	11	14	4	0	0	37	6
Total		214	100	349	100	7	100	570	100
Discussed with others outside of class	never	65	30	146	42	0	0	211	37
	occasionally	89	42	143	41	6	86	238	42
	often	37	17	41	12	1	14	79	14
	very often	23	11	19	5	0	0	42	7
Total		214	100	349	100	7	100	570	100
Asked instructor about performance	never	53	25	105	30	2	29	160	28
	occasionally	87	41	159	46	3	43	249	44
	often	53	25	59	17	2	29	114	20
	very often	21	10	24	7	0	0	45	8
Total		214	100	347	100	7	100	568	100
Worked to meet faculty expectations	never	35	16	38	11	1	14	74	13
	occasionally	91	43	150	43	2	29	243	43
	often	56	26	93	27	2	29	151	27
	very often	32	15	66	19	2	29	100	18
Total		214	100	347	100	7	100	568	100
Worked with faculty member on research	never	130	61	262	75	7	100	399	70
	occasionally	43	20	45	13	0	0	88	15
	often	23	11	19	5	0	0	42	7
	very often	18	8	22	6	0	0	40	7
Total		214	100	348	100	7	100	569	100

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Arts, Music, and Theater Activities

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Talked about art or theater with others	never	58	27	52	15	1	14	111	19
	occasionally	85	40	135	39	3	43	223	39
	often	36	17	79	23	1	14	116	20
	very often	35	16	84	24	2	29	121	21
Total		214	100	350	100	7	100	571	100
Went to exhibit or performance	never	62	29	40	11	1	14	103	18
	occasionally	100	47	172	49	4	57	276	49
	often	30	14	77	22	1	14	108	19
	very often	21	10	60	17	1	14	82	14
Total		213	100	349	100	7	100	569	100
Participated in art or theater activity	never	128	60	177	51	4	57	309	54
	occasionally	46	22	92	26	1	14	139	24
	often	19	9	31	9	1	14	51	9
	very often	20	9	50	14	1	14	71	12
Total		213	100	350	100	7	100	570	100
Talked about music or musicians	never	25	12	29	8	0	0	54	9
	occasionally	55	26	113	32	3	43	171	30
	often	71	33	90	26	2	29	163	29
	very often	62	29	118	34	2	29	182	32
Total		213	100	350	100	7	100	570	100
Attended a concert or other music event	never	28	13	41	12	1	14	70	12
	occasionally	86	40	155	45	3	43	244	43
	often	66	31	84	24	1	14	151	27
	very often	34	16	68	20	2	29	104	18
Total		214	100	348	100	7	100	569	100
Participated in music activity	never	138	64	208	60	6	86	352	62
	occasionally	37	17	70	20	0	0	107	19
	often	14	7	28	8	0	0	42	7
	very often	25	12	42	12	1	14	68	12
Total		214	100	348	100	7	100	569	100
Read or discussed opinions of critics	never	97	45	135	39	3	43	235	41
	occasionally	63	29	122	35	1	14	186	33
	often	23	11	50	14	2	29	75	13
	very often	31	14	43	12	1	14	75	13
Total		214	100	350	100	7	100	571	100

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Campus Facilities

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a campus lounge to relax or study	never	26	12	53	15	1	14	80	14
	occasionally	98	46	164	47	4	57	266	47
	often	61	29	78	22	0	0	139	24
	very often	29	14	55	16	2	29	86	15
Total		214	100	350	100	7	100	571	100
Met other students for discussion	never	19	9	20	6	0	0	39	7
	occasionally	77	36	109	31	3	43	189	33
	often	63	29	119	34	1	14	183	32
	very often	55	26	102	29	3	43	160	28
Total		214	100	350	100	7	100	571	100
Attended cultural/social event	never	33	15	35	10	0	0	68	12
	occasionally	102	48	166	47	3	43	271	47
	often	51	24	85	24	3	43	139	24
	very often	28	13	64	18	1	14	93	16
Total		214	100	350	100	7	100	571	100
Went to lecture or panel discussion	never	45	21	79	23	1	14	125	22
	occasionally	105	49	188	54	3	43	296	52
	often	46	21	57	16	2	29	105	18
	very often	18	8	25	7	1	14	44	8
Total		214	100	349	100	7	100	570	100
Used a campus learning lab or center	never	94	44	130	37	2	29	226	40
	occasionally	80	37	158	45	3	43	241	42
	often	24	11	41	12	1	14	66	12
	very often	16	7	21	6	1	14	38	7
Total		214	100	350	100	7	100	571	100
Used campus recreational facilities	never	20	9	36	10	0	0	56	10
	occasionally	54	25	87	25	1	14	142	25
	often	50	23	93	27	1	14	144	25
	very often	89	42	134	38	5	71	228	40
Total		213	100	350	100	7	100	570	100
Played a team sport	never	67	31	192	55	1	14	260	46
	occasionally	47	22	61	17	1	14	109	19
	often	27	13	42	12	0	0	69	12
	very often	72	34	55	16	5	71	132	23
Total		213	100	350	100	7	100	570	100
Followed regular exercise schedule	never	49	23	85	24	1	14	135	24
	occasionally	50	23	87	25	0	0	137	24
	often	36	17	70	20	0	0	106	19
	very often	79	37	106	30	6	86	191	34
Total		214	100	348	100	7	100	569	100

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Clubs and Organizations

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Attended a meeting of campus org.	never	31	15	27	8	1	14	59	10
	occasionally	45	21	54	15	0	0	99	17
	often	31	15	48	14	0	0	79	14
	very often	106	50	220	63	6	86	332	58
Total		213	100	349	100	7	100	569	100
Worked on campus committee/organization	never	92	43	98	28	2	29	192	34
	occasionally	43	20	57	16	0	0	100	18
	often	22	10	61	17	0	0	83	15
	very often	57	27	133	38	5	71	195	34
Total		214	100	349	100	7	100	570	100
Worked on off-campus committee/org.	never	107	50	207	59	5	71	319	56
	occasionally	49	23	75	21	1	14	125	22
	often	17	8	33	9	1	14	51	9
	very often	41	19	35	10	0	0	76	13
Total		214	100	350	100	7	100	571	100
Met with faculty to discuss campus group	never	92	43	177	51	4	57	273	48
	occasionally	69	32	98	28	2	29	169	30
	often	27	13	47	13	0	0	74	13
	very often	26	12	28	8	1	14	55	10
Total		214	100	350	100	7	100	571	100
Managed an organization on or off campus	never	71	33	122	35	2	29	195	34
	occasionally	32	15	57	16	1	14	90	16
	often	41	19	55	16	1	14	97	17
	very often	69	32	116	33	3	43	188	33
Total		213	100	350	100	7	100	570	100

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Personal Experiences

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Told friend about reaction to others	never	6	3	7	2	0	0	13	2
	occasionally	67	32	53	15	2	29	122	22
	often	73	35	103	30	0	0	176	31
	very often	65	31	186	53	5	71	256	45
Total		211	100	349	100	7	100	567	100
Discussed why some people get along	never	14	7	11	3	1	17	26	5
	occasionally	72	34	81	23	1	17	154	27
	often	76	36	114	33	0	0	190	33
	very often	50	24	144	41	4	67	198	35
Total		212	100	350	100	6	100	568	100
Asked for help with a personal problem	never	24	11	8	2	0	0	32	6
	occasionally	81	38	91	26	3	43	175	31
	often	56	26	94	27	0	0	150	26
	very often	51	24	157	45	4	57	212	37
Total		212	100	350	100	7	100	569	100
Read about personal growth/self-improve	never	82	39	104	30	2	29	188	33
	occasionally	87	41	161	46	3	43	251	44
	often	18	9	46	13	1	14	65	11
	very often	24	11	39	11	1	14	64	11
Total		211	100	350	100	7	100	568	100
Identified with book/movie/TV character	never	19	9	16	5	0	0	35	6
	occasionally	78	37	110	31	1	14	189	33
	often	66	31	119	34	2	29	187	33
	very often	49	23	105	30	4	57	158	28
Total		212	100	350	100	7	100	569	100
Took test to measure abilities/interests	never	35	17	56	16	1	14	92	16
	occasionally	98	46	187	54	5	71	290	51
	often	59	28	59	17	0	0	118	21
	very often	20	9	47	13	1	14	68	12
Total		212	100	349	100	7	100	568	100
Asked friend his/her opinion of you	never	46	22	78	22	0	0	124	22
	occasionally	92	43	141	40	3	43	236	41
	often	43	20	80	23	2	29	125	22
	very often	31	15	51	15	2	29	84	15
Total		212	100	350	100	7	100	569	100
Talked with F/S about personal concern	never	117	55	184	53	3	43	304	54
	occasionally	59	28	115	33	3	43	177	31
	often	22	10	28	8	1	14	51	9
	very often	13	6	22	6	0	0	35	6
Total		211	100	349	100	7	100	567	100

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Student Acquaintances

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Acquainted:	never	5	2	6	2	0	0	11	2
students of diff.	occasionally	70	33	93	27	3	43	166	29
interests	often	81	38	157	45	2	29	240	42
	very often	56	26	94	27	2	29	152	27
Total		212	100	350	100	7	100	569	100
Acquainted:	never	1	0	3	1	0	0	4	1
students of diff.	occasionally	53	25	85	24	3	43	141	25
background	often	95	45	155	44	2	29	252	44
	very often	63	30	107	31	2	29	172	30
Total		212	100	350	100	7	100	569	100
Acquainted:	never	5	2	1	0	0	0	6	1
students of diff.	occasionally	49	23	93	27	3	43	145	26
age	often	93	44	139	40	1	14	233	41
	very often	65	31	116	33	3	43	184	32
Total		212	100	349	100	7	100	568	100
Acquainted:	never	4	2	3	1	0	0	7	1
students of diff.	occasionally	86	41	148	43	2	29	236	42
race	often	64	30	106	30	1	14	171	30
	very often	58	27	91	26	4	57	153	27
Total		212	100	348	100	7	100	567	100
Acquainted:	never	20	9	23	7	0	0	43	8
students from	occasionally	90	42	186	53	2	29	278	49
other country	often	58	27	80	23	3	43	141	25
	very often	44	21	61	17	2	29	107	19
Total		212	100	350	100	7	100	569	100
Discussions:	never	14	7	24	7	0	0	38	7
students of diff.	occasionally	71	33	136	39	3	43	210	37
values	often	74	35	112	32	2	29	188	33
	very often	53	25	77	22	2	29	132	23
Total		212	100	349	100	7	100	568	100
Discussions:	never	28	13	64	18	0	0	92	16
students of diff.	occasionally	64	30	120	34	3	43	187	33
political	often	70	33	90	26	3	43	163	29
	very often	48	23	76	22	1	14	125	22
Discussions:	never	14	7	28	8	0	0	42	7
students of diff.	occasionally	76	36	131	37	2	29	209	37
religious	often	68	32	103	29	2	29	173	30
	very often	54	25	88	25	3	43	145	25
Total		212	100	350	100	7	100	569	100
Discussions:	never	32	15	60	17	0	0	92	16
students of diff.	occasionally	79	37	157	45	3	43	239	42
race	often	53	25	78	22	2	29	133	23
	very often	48	23	55	16	2	29	105	18
Total		212	100	350	100	7	100	569	100
Discussions:	never	56	26	107	31	0	0	163	29
students of diff.	occasionally	84	40	153	44	2	29	239	42
country	often	31	15	48	14	3	43	82	14
	very often	41	19	42	12	2	29	85	15
Total		212	100	350	100	7	100	569	100

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Science and Quantitative Experiences

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Memorized formulas/definitions/concepts	never	12	6	13	4	1	14	26	5
	occasionally	38	18	50	14	3	43	91	16
	often	71	33	108	31	1	14	180	32
	very often	92	43	179	51	2	29	273	48
Total		213	100	350	100	7	100	570	100
Expressed relationships using math terms	never	22	10	41	12	0	0	63	11
	occasionally	60	28	125	36	5	71	190	33
	often	72	34	93	27	0	0	165	29
	very often	59	28	91	26	2	29	152	27
Total		213	100	350	100	7	100	570	100
Explained scientific concept to others	never	24	11	61	17	1	14	86	15
	occasionally	72	34	125	36	4	57	201	35
	often	65	31	94	27	0	0	159	28
	very often	52	24	70	20	2	29	124	22
Total		213	100	350	100	7	100	570	100
Read articles about science not assigned	never	67	31	169	48	1	14	237	42
	occasionally	70	33	113	32	4	57	187	33
	often	42	20	33	9	1	14	76	13
	very often	34	16	35	10	1	14	70	12
Total		213	100	350	100	7	100	570	100
Completed an experiment w/sci. methods	never	42	20	79	23	0	0	121	21
	occasionally	74	35	142	41	5	71	221	39
	often	57	27	65	19	1	14	123	22
	very often	40	19	64	18	1	14	105	18
Total		213	100	350	100	7	100	570	100
Practiced using laboratory equipment	never	87	41	155	44	1	14	243	43
	occasionally	59	28	113	32	4	57	176	31
	often	40	19	37	11	1	14	78	14
	very often	27	13	45	13	1	14	73	13
Total		213	100	350	100	7	100	570	100
Showed how to use scientific equipment	never	84	39	159	46	2	29	245	43
	occasionally	73	34	119	34	3	43	195	34
	often	30	14	35	10	1	14	66	12
	very often	26	12	36	10	1	14	63	11
Total		213	100	349	100	7	100	569	100
Explained experimental procedure	never	75	35	120	34	2	29	197	35
	occasionally	68	32	154	44	3	43	225	40
	often	42	20	45	13	1	14	88	15
	very often	27	13	30	9	1	14	58	10
Total		212	100	349	100	7	100	568	100
Compared sci. method with other methods	never	77	36	142	41	1	14	220	39
	occasionally	82	38	139	40	4	57	225	39
	often	34	16	43	12	1	14	78	14
	very often	20	9	26	7	1	14	47	8
Explained scientific basis for concerns	never	60	28	111	32	2	29	173	30
	occasionally	87	41	157	45	3	43	247	43
	often	42	20	48	14	0	0	90	16
	very often	24	11	33	9	2	29	59	10
Total		213	100	349	100	7	100	569	100

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Topics of Conversation

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Topic: Current events in the news	never	7	3	6	2	0	0	13	2
	occasionally	55	26	116	33	2	29	173	30
	often	86	41	130	37	2	29	218	38
	very often	64	30	97	28	3	43	164	29
Total		212	100	349	100	7	100	568	100
Topic: Social issues--peace, justice, etc	never	25	12	21	6	0	0	46	8
	occasionally	78	37	148	42	2	29	228	40
	often	58	28	101	29	2	29	161	28
	very often	49	23	79	23	3	43	131	23
Total		210	100	349	100	7	100	566	100
Topic: Different lifestyles, etc.	never	17	8	11	3	0	0	28	5
	occasionally	81	38	123	35	2	29	206	36
	often	65	31	133	38	3	43	201	35
	very often	49	23	83	24	2	29	134	24
Total		212	100	350	100	7	100	569	100
Topic: Ideas of writers, etc.	never	35	17	74	21	1	14	110	19
	occasionally	90	43	187	53	2	29	279	49
	often	53	25	55	16	3	43	111	20
	very often	33	16	34	10	1	14	68	12
Total		211	100	350	100	7	100	568	100
Topic: The arts--painting, poetry, etc.	never	43	20	41	12	2	29	86	15
	occasionally	91	43	150	43	3	43	244	43
	often	45	21	87	25	1	14	133	23
	very often	32	15	71	20	1	14	104	18
Total		211	100	349	100	7	100	567	100
Topic: Science--theories, etc.	never	48	23	113	32	1	14	162	29
	occasionally	91	43	163	47	5	71	259	46
	often	38	18	46	13	1	14	85	15
	very often	34	16	28	8	0	0	62	11
Topic: Computers and other technologies	never	16	8	54	15	1	14	71	13
	occasionally	89	42	198	57	4	57	291	51
	often	60	28	74	21	1	14	135	24
	very often	47	22	23	7	1	14	71	13
Total		212	100	349	100	7	100	568	100
Topic: Social/ethical issues re: science	never	25	12	47	13	0	0	72	13
	occasionally	97	46	187	53	3	43	287	51
	often	55	26	79	23	4	57	138	24
	very often	34	16	37	11	0	0	71	13
Total		211	100	350	100	7	100	568	100
Topic: The economy--employment, etc.	never	19	9	39	11	0	0	58	10
	occasionally	84	40	166	47	3	43	253	44
	often	69	33	106	30	3	43	178	31
	very often	40	19	39	11	1	14	80	14
Total		212	100	350	100	7	100	569	100
Topic: International relations	never	25	12	53	15	1	14	79	14
	occasionally	88	42	147	42	2	29	237	42
	often	51	24	97	28	3	43	151	27
	very often	48	23	53	15	1	14	102	18
Total		212	100	350	100	7	100	569	100

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Information in Conversations

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Referred to readings or classes	never	5	2	2	1	0	0	7	1
	occasionally	70	33	110	32	3	43	183	33
	often	77	37	138	40	3	43	218	39
	very often	57	27	95	28	1	14	153	27
Total		209	100	345	100	7	100	561	100
Explored different ways of thinking	never	8	4	8	2	0	0	16	3
	occasionally	75	36	136	39	1	14	212	38
	often	88	42	143	41	3	43	234	42
	very often	39	19	58	17	3	43	100	18
Total		210	100	345	100	7	100	562	100
Referred to something instructor said	never	7	3	10	3	0	0	17	3
	occasionally	95	45	115	33	2	29	212	38
	often	68	32	152	44	4	57	224	40
	very often	40	19	67	19	1	14	108	19
Total		210	100	344	100	7	100	561	100
Subsequently read something on a topic	never	22	10	39	11	0	0	61	11
	occasionally	92	44	165	48	4	57	261	46
	often	63	30	99	29	3	43	165	29
	very often	33	16	42	12	0	0	75	13
Total		210	100	345	100	7	100	562	100
Changed opinion because of others	never	12	6	29	8	0	0	41	7
	occasionally	116	55	241	70	3	43	360	64
	often	62	30	57	17	4	57	123	22
	very often	20	10	17	5	0	0	37	7
Total		210	100	344	100	7	100	561	100
Persuaded others to change their minds	never	17	8	37	11	0	0	54	10
	occasionally	107	51	223	65	4	57	334	60
	often	66	31	61	18	3	43	130	23
	very often	20	10	23	7	0	0	43	8
Total		210	100	344	100	7	100	561	100

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Reading, Writing, and College Opinion

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Number of texts read	none	6	3	1	0	0	0	7	1
	fewer than 5	68	32	61	17	2	29	131	23
	between 5 and 10	86	41	155	44	2	29	243	43
	between 10 and 20	39	18	99	28	2	29	140	25
	more than 20	13	6	33	9	1	14	47	8
Total		212	100	349	100	7	100	568	100
Number of course packets read	none	16	8	26	7	1	14	43	8
	fewer than 5	102	49	176	50	1	14	279	49
	between 5 and 10	50	24	94	27	3	43	147	26
	between 10 and 20	24	11	37	11	2	29	63	11
	more than 20	18	9	16	5	0	0	34	6
Total		210	100	349	100	7	100	566	100
Number of non-assigned books read	none	71	34	82	23	2	29	155	27
	fewer than 5	97	46	173	49	3	43	273	48
	between 5 and 10	26	12	58	17	0	0	84	15
	between 10 and 20	11	5	25	7	2	29	38	7
	more than 20	5	2	12	3	0	0	17	3
Total		210	100	350	100	7	100	567	100
Number of essays written	none	12	6	13	4	0	0	25	4
	fewer than 5	64	31	100	29	2	29	166	29
	between 5 and 10	65	31	130	37	3	43	198	35
	between 10 and 20	50	24	73	21	2	29	125	22
	more than 20	18	9	32	9	0	0	50	9
Total		209	100	348	100	7	100	564	100
Number of term papers written	none	9	4	5	1	0	0	14	3
	fewer than 5	61	30	91	26	3	43	155	28
	between 5 and 10	75	37	130	38	1	14	206	37
	between 10 and 20	45	22	84	24	3	43	132	24
	more than 20	15	7	36	10	0	0	51	9
Total		205	100	346	100	7	100	558	100
Overall opinion of college	low	5	2	3	1	0	0	8	1
	3	10	5	7	2	1	14	18	3
	4	17	8	27	8	0	0	44	8
	5	28	13	44	13	1	14	73	13
	6	67	32	100	29	3	43	170	30
	7	46	22	96	28	2	29	144	25
	high	39	18	71	20	0	0	110	19
Total		212	100	348	100	7	100	567	100

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Measures of the College Environment

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Scholarship	weak emphasis	1	0	0	0	0	0	1	0
	Emphasis:	2	0	0	0	0	0	1	0
		3	8	4	0	0	0	8	1
		4	11	5	6	2	0	17	3
		5	27	13	28	8	1	56	10
		6	81	38	128	37	2	211	37
	strong emphasis	83	39	188	54	4	57	275	48
	Total	212	100	350	100	7	100	569	100
Env. Aesthetics	weak emphasis	3	1	2	1	1	14	6	1
	Emphasis:	2	14	7	11	3	0	25	4
		3	25	12	22	6	0	47	8
		4	41	19	60	17	1	102	18
		5	59	28	123	35	1	183	32
		6	50	24	93	27	3	146	26
	strong emphasis	20	9	39	11	1	14	60	11
	Total	212	100	350	100	7	100	569	100
Env. Analysis	weak emphasis	1	0	0	0	0	0	1	0
	Emphasis:	2	5	2	0	0	0	5	1
		3	7	3	7	2	0	14	2
		4	21	10	15	4	0	36	6
		5	57	27	73	21	3	133	23
		6	71	33	142	41	2	215	38
	strong emphasis	50	24	113	32	2	29	165	29
	Total	212	100	350	100	7	100	569	100
Env. Diversity	weak emphasis	9	4	9	3	0	0	18	3
	Emphasis:	2	26	12	18	5	1	45	8
		3	28	13	44	13	2	74	13
		4	48	23	95	27	3	146	26
		5	49	23	85	24	1	135	24
		6	30	14	69	20	0	99	17
	strong emphasis	22	10	30	9	0	0	52	9
	Total	212	100	350	100	7	100	569	100
Env. Info. literacy skills	weak emphasis	3	1	0	0	0	0	3	1
	Emphasis:	2	7	3	12	3	0	19	3
		3	21	10	24	7	0	45	8
		4	41	19	60	17	0	101	18
		5	57	27	99	28	2	158	28
		6	57	27	95	27	5	157	28
	strong emphasis	26	12	60	17	0	0	86	15
	Total	212	100	350	100	7	100	569	100
Env. Vocational	weak emphasis	16	8	9	3	0	0	25	4
	Emphasis:	2	23	11	32	9	1	56	10
		3	30	14	47	13	3	80	14
		4	50	24	90	26	1	141	25
		5	45	21	86	25	1	132	23
		6	32	15	58	17	1	91	16
	strong emphasis	16	8	28	8	0	0	44	8
	Total	212	100	350	100	7	100	569	100
Env. Practical courses	weak emphasis	11	5	10	3	1	14	22	4
	Emphasis:	2	18	8	23	7	0	41	7
		3	27	13	39	11	2	68	12
		4	44	21	69	20	1	114	20
		5	58	27	108	31	1	167	29
		6	42	20	77	22	1	120	21
	strong emphasis	12	6	24	7	1	14	37	7

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Measures of the College Environment

	Sex of student						Total	
	Male		Female		Missing		N	%
	N	%	N	%	N	%		
Relationships: competitive	2	1	3	1	1	14	6	1
Other students	2	4	2	1	0	0	11	2
	3	3	9	3	1	14	17	3
	4	13	21	6	0	0	48	8
	5	20	48	14	1	14	91	16
	6	33	139	40	2	29	210	37
friendly	56	26	128	37	2	29	186	33
Total	212	100	350	100	7	100	569	100
Relationships: rigid	10	5	11	3	0	0	21	4
Administrative personnel	2	9	23	7	2	29	45	8
	3	10	35	10	1	14	58	10
	4	20	67	19	1	14	111	20
	5	26	89	25	2	29	146	26
	6	18	93	27	1	14	132	23
helpful	24	11	32	9	0	0	56	10
Total	212	100	350	100	7	100	569	100
Relationships: remote	3	1	0	0	0	0	3	1
Faculty members	2	4	3	1	1	14	12	2
	3	8	18	5	0	0	35	6
	4	12	29	8	1	14	55	10
	5	28	84	24	2	29	145	25
	6	33	158	45	2	29	229	40
approachable	31	15	58	17	1	14	90	16
Total	212	100	350	100	7	100	569	100

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Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Vocational preparation	very little	24	11	28	8	1	14	53	9
	some	69	33	116	33	3	43	188	33
	quite a bit	79	37	138	40	3	43	220	39
	very much	39	18	67	19	0	0	106	19
Total		211	100	349	100	7	100	567	100
Gain: Skills for professional career	very little	9	4	7	2	3	43	19	3
	some	44	21	75	21	0	0	119	21
	quite a bit	105	50	173	50	2	29	280	49
	very much	54	25	94	27	2	29	150	26
Total		212	100	349	100	7	100	568	100
Gain: Broad general education	very little	4	2	2	1	0	0	6	1
	some	47	22	61	18	1	14	109	19
	quite a bit	98	46	180	52	4	57	282	50
	very much	63	30	105	30	2	29	170	30
Total		212	100	348	100	7	100	567	100
Gain: Career information	very little	12	6	9	3	0	0	21	4
	some	49	23	81	23	3	43	133	23
	quite a bit	102	49	165	47	3	43	270	48
	very much	47	22	94	27	1	14	142	25
Total		210	100	349	100	7	100	566	100
Gain: Enjoyment of art, music, drama	very little	51	24	63	18	2	29	116	20
	some	88	42	148	42	3	43	239	42
	quite a bit	43	20	76	22	1	14	120	21
	very much	28	13	62	18	1	14	91	16
Total		210	100	349	100	7	100	566	100
Gain: Acquaintance with literature	very little	61	29	60	17	3	43	124	22
	some	68	32	158	45	2	29	228	40
	quite a bit	57	27	78	22	1	14	136	24
	very much	26	12	52	15	1	14	79	14
Total		212	100	348	100	7	100	567	100
Gain: Understanding history	very little	33	16	51	15	2	29	86	15
	some	85	40	168	48	2	29	255	45
	quite a bit	59	28	83	24	2	29	144	25
	very much	34	16	45	13	1	14	80	14
Gain: Knowledge about world	very little	52	25	82	23	2	29	136	24
	some	92	44	174	50	3	43	269	47
	quite a bit	45	21	64	18	1	14	110	19
	very much	22	10	29	8	1	14	52	9
Total		211	100	349	100	7	100	567	100
Gain: Writing effectively	very little	10	5	9	3	0	0	19	3
	some	75	35	93	27	2	29	170	30
	quite a bit	85	40	157	45	3	43	245	43
	very much	42	20	88	25	2	29	132	23
Total		212	100	347	100	7	100	566	100
Gain: Speaking effectively	very little	4	2	11	3	1	14	16	3
	some	72	34	83	24	2	29	157	28
	quite a bit	96	46	177	51	1	14	274	48
	very much	37	18	78	22	3	43	118	21
Total		209	100	349	100	7	100	565	100
Gain: Using computers, other info tech	very little	8	4	13	4	1	14	22	4
	some	51	24	104	30	1	14	156	28
	quite a bit	89	42	133	38	2	29	224	40
	very much	64	30	97	28	3	43	164	29
Total		212	100	347	100	7	100	566	100

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Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Awareness of other philosophies	very little	21	10	27	8	1	14	49	9
	some	81	38	134	38	4	57	219	39
	quite a bit	81	38	128	37	1	14	210	37
	very much	29	14	60	17	1	14	90	16
Total		212	100	349	100	7	100	568	100
Gain: Values and ethical standards	very little	16	8	18	5	0	0	34	6
	some	63	30	82	23	3	43	148	26
	quite a bit	76	36	153	44	2	29	231	41
	very much	56	27	96	28	2	29	154	27
Total		211	100	349	100	7	100	567	100
Gain: Understanding self	very little	5	2	6	2	1	14	12	2
	some	46	22	64	18	1	14	111	20
	quite a bit	99	47	149	43	1	14	249	44
	very much	61	29	130	37	4	57	195	34
Gain: Getting along with others	very little	6	3	11	3	1	14	18	3
	some	58	27	74	21	0	0	132	23
	quite a bit	88	42	157	45	5	71	250	44
	very much	59	28	107	31	1	14	167	29
Total		211	100	349	100	7	100	567	100
Gain: Functioning as a team member	very little	11	5	13	4	2	29	26	5
	some	57	27	68	19	1	14	126	22
	quite a bit	84	40	154	44	2	29	240	42
	very much	59	28	114	33	2	29	175	31
Total		211	100	349	100	7	100	567	100
Gain: Personal health habits and fitness	very little	42	20	49	14	1	14	92	16
	some	63	30	118	34	1	14	182	32
	quite a bit	54	26	100	29	2	29	156	28
	very much	51	24	82	23	3	43	136	24
Total		210	100	349	100	7	100	566	100
Gain: Understanding science	very little	26	12	55	16	2	29	83	15
	some	83	39	165	47	4	57	252	44
	quite a bit	63	30	76	22	1	14	140	25
	very much	39	18	53	15	0	0	92	16
Total		211	100	349	100	7	100	567	100
Gain: Understanding new technology	very little	27	13	65	19	2	29	94	17
	some	74	35	162	46	3	43	239	42
	quite a bit	67	32	75	21	2	29	144	25
	very much	42	20	47	13	0	0	89	16
Total		210	100	349	100	7	100	566	100
Gain: Consequences of science, tech.	very little	24	11	74	21	2	29	100	18
	some	92	44	152	44	5	71	249	44
	quite a bit	64	30	90	26	0	0	154	27
	very much	31	15	31	9	0	0	62	11
Total		211	100	347	100	7	100	565	100
Gain: Thinking analytically	very little	6	3	12	3	2	29	20	4
	some	47	22	79	23	1	14	127	22
	quite a bit	87	41	167	48	4	57	258	46
	very much	71	34	89	26	0	0	160	28
Total		211	100	347	100	7	100	565	100
Gain: Analyzing quantitative problems	very little	9	4	40	11	2	29	51	9
	some	74	35	140	40	3	43	217	38
	quite a bit	84	40	118	34	2	29	204	36
	very much	44	21	50	14	0	0	94	17
Total		211	100	348	100	7	100	566	100

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Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Synthesizing ideas	very little	7	3	4	1	0	0	11	2
	some	54	25	77	22	2	29	133	23
	quite a bit	97	46	169	49	3	43	269	48
	very much	54	25	97	28	2	29	153	27
Total		212	100	347	100	7	100	566	100
Gain: Learning on one's own	very little	7	3	5	1	1	14	13	2
	some	50	24	59	17	1	14	110	19
	quite a bit	89	42	175	50	2	29	266	47
	very much	65	31	109	31	3	43	177	31
Total		211	100	348	100	7	100	566	100
Gain: Adapting to change	very little	10	5	10	3	0	0	20	4
	some	60	28	83	24	1	14	144	25
	quite a bit	90	43	151	43	4	57	245	43
	very much	51	24	104	30	2	29	157	28
Total		211	100	348	100	7	100	566	100

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Additional Items

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #1	response A	3	2	2	1	1	13	6	1
	response B	10	5	3	1	0	0	13	2
	response C	23	12	32	9	0	0	55	10
	response D	107	54	180	53	3	38	290	53
	response E	57	29	123	36	4	50	184	34
Total		200	100	340	100	8	100	548	100
Additional question #2	response A	24	12	54	16	2	25	80	15
	response B	62	31	85	25	3	38	150	27
	response C	45	23	90	26	0	0	135	25
	response D	33	17	55	16	0	0	88	16
	response E	36	18	57	17	3	38	96	17
Total		200	100	341	100	8	100	549	100
Additional question #3	response A	23	11	42	12	0	0	65	12
	response B	45	22	82	24	4	50	131	24
	response C	62	31	96	28	2	25	160	29
	response D	43	21	76	22	2	25	121	22
	response E	28	14	45	13	0	0	73	13
Total		201	100	341	100	8	100	550	100
Additional question #4	response A	50	25	55	16	1	13	106	19
	response B	101	51	193	57	6	75	300	55
	response C	38	19	74	22	1	13	113	21
	response D	10	5	16	5	0	0	26	5
	response E	1	1	3	1	0	0	4	1
Total		200	100	341	100	8	100	549	100
Additional question #5	response A	45	29	29	11	2	29	76	18
	response B	18	12	26	10	1	14	45	11
	response C	16	10	34	13	0	0	50	12
	response D	59	38	121	47	3	43	183	44
	response E	17	11	46	18	1	14	64	15
Total		155	100	256	100	7	100	418	100
Additional question #6	response A	31	21	35	15	2	50	68	18
	response B	45	31	112	48	1	25	158	41
	response C	30	21	36	15	0	0	66	17
	response D	36	25	48	21	1	25	85	22
	response E	4	3	2	1	0	0	6	2
Total		146	100	233	100	4	100	383	100
Additional question #7	response A	28	14	49	14	2	25	79	14
	response B	66	33	147	43	2	25	215	39
	response C	71	35	112	33	4	50	187	34
	response D	33	16	31	9	0	0	64	12
	response E	3	1	2	1	0	0	5	1
Total		201	100	341	100	8	100	550	100
Additional question #8	response A	15	7	21	6	1	13	37	7
	response B	29	14	59	17	3	38	91	17
	response C	65	32	126	37	2	25	193	35
	response D	62	31	102	30	2	25	166	30
	response E	30	15	33	10	0	0	63	11
Total		201	100	341	100	8	100	550	100
Additional question #9	response A	49	24	60	18	0	0	109	20
	response B	40	20	76	22	3	38	119	22
	response C	52	26	100	29	1	13	153	28
	response D	32	16	64	19	3	38	99	18
	response E	28	14	40	12	1	13	69	13

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Additional Items

	Sex of student						Total	
	Male		Female		Missing		N	%
	N	%	N	%	N	%		
Total	201	100	340	100	8	100	549	100
Additional question #10	41	21	44	13	2	25	87	16
response B	76	38	154	45	4	50	234	43
response C	65	33	111	33	2	25	178	32
response D	16	8	25	7	0	0	41	7
response E	2	1	6	2	0	0	8	1
Total	200	100	340	100	8	100	548	100
Additional question #11	55	28	92	27	2	25	149	27
response B	94	47	185	54	3	38	282	51
response C	38	19	54	16	3	38	95	17
response D	12	6	10	3	0	0	22	4
response E	1	1	0	0	0	0	1	0
Total	200	100	341	100	8	100	549	100
Additional question #12	30	15	59	18	0	0	89	16
response B	42	21	72	21	5	63	119	22
response C	50	25	99	30	0	0	149	28
response D	51	26	93	28	2	25	146	27
response E	25	13	12	4	1	13	38	7
Total	198	100	335	100	8	100	541	100
Additional question #13	25	13	46	14	0	0	71	13
response B	40	21	65	19	3	38	108	20
response C	48	25	99	30	1	13	148	28
response D	54	28	95	28	3	38	152	28
response E	27	14	30	9	1	13	58	11
Total	194	100	335	100	8	100	537	100
Additional question #14	29	15	56	17	0	0	85	16
response B	52	26	94	28	2	25	148	27
response C	70	35	112	33	5	63	187	35
response D	40	20	67	20	1	13	108	20
response E	7	4	6	2	0	0	13	2
Total	198	100	335	100	8	100	541	100
Additional question #15	37	19	66	20	1	13	104	19
response B	73	37	110	33	5	63	188	35
response C	49	25	110	33	2	25	161	30
response D	34	17	45	13	0	0	79	15
response E	5	3	4	1	0	0	9	2
Total	198	100	335	100	8	100	541	100
Additional question #16	21	11	56	17	1	13	78	14
response B	41	21	107	32	3	38	151	28
response C	77	39	112	34	1	13	190	35
response D	49	25	49	15	2	25	100	19
response E	9	5	10	3	1	13	20	4
Total	197	100	334	100	8	100	539	100
Additional question #17	30	15	58	17	4	50	92	17
response B	61	31	142	42	1	13	204	38
response C	58	29	91	27	1	13	150	28
response D	41	21	39	12	2	25	82	15
response E	7	4	5	1	0	0	12	2
Total	197	100	335	100	8	100	540	100
Additional question #18	23	12	47	14	2	25	72	13
response B	31	16	57	17	4	50	92	17
response C	45	23	82	24	0	0	127	23
response D	63	32	94	28	0	0	157	29
response E	36	18	55	16	2	25	93	17

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Additional Items

	Sex of student						Total	
	Male		Female		Missing		N	%
	N	%	N	%	N	%		
Total	198	100	335	100	8	100	541	100
Additional question #19								
response A	13	7	45	13	0	0	58	11
response B	56	28	94	28	5	63	155	29
response C	80	40	130	39	2	25	212	39
response D	35	18	53	16	1	13	89	16
response E	14	7	12	4	0	0	26	5
Total	198	100	334	100	8	100	540	100
Additional question #20								
response A	34	17	85	25	3	38	122	23
response B	107	54	183	55	2	25	292	54
response C	43	22	58	17	2	25	103	19
response D	5	3	3	1	1	13	9	2
response E	9	5	5	1	0	0	14	3
Total	198	100	334	100	8	100	540	100

Library Experiences

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used the library to study	Sex of student	Male	215	215	2.38	.908	.062
		Female	351	350	2.31	.875	.047
		Missing	8	7	3.00	.816	.309
		Group Total	574	572	2.35	.889	.037
Found something interesting browsing	Sex of student	Male	215	215	1.93	.789	.054
		Female	351	350	1.83	.679	.036
		Missing	8	7	2.29	.756	.286
		Group Total	574	572	1.88	.725	.030
Asked a librarian/staff member for help	Sex of student	Male	215	215	1.88	.792	.054
		Female	351	351	1.89	.713	.038
		Missing	8	7	2.00	.577	.218
		Group Total	574	573	1.89	.741	.031
Read assigned material not texts	Sex of student	Male	215	214	2.15	.902	.062
		Female	351	351	2.13	.808	.043
		Missing	8	7	2.14	.900	.340
		Group Total	574	572	2.14	.844	.035
Used index or database to find material	Sex of student	Male	215	215	2.80	.887	.060
		Female	351	351	3.04	.819	.044
		Missing	8	7	3.14	.690	.261
		Group Total	574	573	2.95	.850	.036
Wrote bibliography for a term paper	Sex of student	Male	215	215	2.77	.903	.062
		Female	351	350	2.99	.896	.048
		Missing	8	7	3.00	.577	.218
		Group Total	574	572	2.91	.900	.038
Gone back to read basic reference	Sex of student	Male	215	214	1.85	.919	.063
		Female	351	350	1.67	.829	.044
		Missing	8	7	1.86	.690	.261
		Group Total	574	571	1.74	.866	.036
Made a judgment about quality of info.	Sex of student	Male	215	212	2.56	.935	.064
		Female	351	349	2.56	.944	.051
		Missing	8	7	2.57	.787	.297
		Group Total	574	568	2.56	.937	.039

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Computer and Information Technology Activities

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used computer/word processor for paper	Sex of student	Male	215	215	3.84	.414	.028
		Female	351	351	3.87	.451	.024
		Missing	8	7	4.00	.000	.000
	Group Total		574	573	3.86	.435	.018
Used e-mail to communicate with class	Sex of student	Male	215	215	3.54	.722	.049
		Female	351	351	3.76	.540	.029
		Missing	8	7	3.71	.756	.286
	Group Total		574	573	3.68	.625	.026
Used computer tutorial to learn material	Sex of student	Male	215	215	2.08	1.013	.069
		Female	351	351	2.18	.945	.050
		Missing	8	7	2.29	1.113	.421
	Group Total		574	573	2.14	.973	.041
Joined in electronic class discussions	Sex of student	Male	215	215	1.96	.983	.067
		Female	351	351	1.92	.942	.050
		Missing	8	7	2.71	1.254	.474
	Group Total		574	573	1.94	.964	.040
Searched Internet for course material	Sex of student	Male	215	215	3.46	.759	.052
		Female	351	351	3.56	.673	.036
		Missing	8	7	3.86	.378	.143
	Group Total		574	573	3.53	.706	.029
Retrieved off-campus library materials	Sex of student	Male	215	214	2.14	1.033	.071
		Female	351	351	2.05	1.005	.054
		Missing	8	7	2.71	1.380	.522
	Group Total		574	572	2.09	1.021	.043
Made visual displays with computer	Sex of student	Male	215	215	2.91	.884	.060
		Female	351	351	2.82	.946	.050
		Missing	8	7	2.57	.787	.297
	Group Total		574	573	2.85	.921	.038
Used a computer to analyze data	Sex of student	Male	215	215	2.74	.989	.067
		Female	351	351	2.48	.982	.052
		Missing	8	7	2.43	1.134	.429
	Group Total		574	573	2.58	.993	.041
Developed Web page, multimedia present.	Sex of student	Male	215	215	2.31	.995	.068
		Female	351	351	2.11	.856	.046
		Missing	8	7	1.57	.787	.297
	Group Total		574	573	2.18	.916	.038

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Course Learning

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Completed assigned readings	Sex of student	Male	215	212	3.11	.764	.052
		Female	351	350	3.34	.742	.040
		Missing	8	7	3.29	.756	.286
	Group Total		574	569	3.25	.757	.032
Took detailed class notes	Sex of student	Male	215	214	3.36	.702	.048
		Female	351	350	3.76	.494	.026
		Missing	8	7	3.43	.787	.297
	Group Total		574	571	3.61	.616	.026
Contributed to class discussions	Sex of student	Male	215	213	2.96	.791	.054
		Female	351	347	2.95	.842	.045
		Missing	8	7	2.86	.900	.340
	Group Total		574	567	2.95	.822	.035
Developed role play/case study for class	Sex of student	Male	215	211	1.89	.876	.060
		Female	351	350	1.87	.858	.046
		Missing	8	7	1.86	1.069	.404
	Group Total		574	568	1.87	.866	.036
Put together different facts and ideas	Sex of student	Male	215	212	3.00	.773	.053
		Female	351	350	3.07	.819	.044
		Missing	8	7	3.14	.900	.340
	Group Total		574	569	3.04	.803	.034
Summarized major points and information	Sex of student	Male	215	212	2.88	.840	.058
		Female	351	349	3.09	.847	.045
		Missing	8	7	3.00	1.000	.378
	Group Total		574	568	3.01	.851	.036
Worked with others on class project	Sex of student	Male	215	214	3.06	.803	.055
		Female	351	350	3.26	.724	.039
		Missing	8	7	3.14	1.069	.404
	Group Total		574	571	3.18	.764	.032
Applied class material to other areas	Sex of student	Male	215	214	2.88	.830	.057
		Female	351	349	3.10	.774	.041
		Missing	8	7	3.14	.690	.261
	Group Total		574	570	3.02	.801	.034
Used info. from other areas in class	Sex of student	Male	215	214	2.81	.752	.051
		Female	351	349	2.95	.819	.044
		Missing	8	7	3.00	.577	.218
	Group Total		574	570	2.90	.794	.033
Explained course material to others	Sex of student	Male	215	213	3.00	.724	.050
		Female	351	348	3.04	.721	.039
		Missing	8	7	3.14	.900	.340
	Group Total		574	568	3.03	.723	.030
Worked on project integrating ideas	Sex of student	Male	215	213	3.09	.775	.053
		Female	351	348	3.20	.794	.043
		Missing	8	7	3.71	.488	.184
	Group Total		574	568	3.17	.787	.033

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Writing Experiences

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used a dictionary or thesaurus	Sex of student	Male	215	214	2.82	.928	.063
		Female	351	350	3.01	.812	.043
		Missing	8	7	3.00	.816	.309
	Group Total		574	571	2.94	.860	.036
Thought about grammar, etc while writing	Sex of student	Male	215	214	3.17	.812	.056
		Female	351	350	3.52	.654	.035
		Missing	8	7	3.71	.488	.184
	Group Total		574	571	3.39	.735	.031
Asked others to read your writing	Sex of student	Male	215	214	2.58	.909	.062
		Female	351	349	2.95	.899	.048
		Missing	8	7	2.86	1.215	.459
	Group Total		574	570	2.81	.923	.039
Referred to a style manual	Sex of student	Male	215	214	2.33	.937	.064
		Female	351	349	2.74	.887	.047
		Missing	8	7	2.57	.976	.369
	Group Total		574	570	2.58	.927	.039
Revised a paper two or more times	Sex of student	Male	215	214	2.41	.953	.065
		Female	351	349	2.71	.973	.052
		Missing	8	7	2.43	1.134	.429
	Group Total		574	570	2.59	.977	.041
Asked for writing advice	Sex of student	Male	215	214	2.00	.917	.063
		Female	351	350	2.09	.860	.046
		Missing	8	7	2.43	1.134	.429
	Group Total		574	571	2.06	.885	.037
Prepared major report for class	Sex of student	Male	215	213	1.72	.892	.061
		Female	351	350	1.72	.900	.048
		Missing	8	7	1.71	1.113	.421
	Group Total		574	570	1.72	.898	.038

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Experiences with Faculty

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Asked instructor for course information	Sex of student	Male	215	214	2.83	.807	.055
		Female	351	348	2.93	.793	.042
		Missing	8	7	2.71	1.113	.421
	Group Total		574	569	2.89	.802	.034
Discussed academic program with faculty	Sex of student	Male	215	214	2.60	.767	.052
		Female	351	349	2.60	.808	.043
		Missing	8	7	2.71	.756	.286
	Group Total		574	570	2.61	.791	.033
Discussed term paper with faculty	Sex of student	Male	215	214	2.30	.869	.059
		Female	351	348	2.35	.820	.044
		Missing	8	7	2.43	.976	.369
	Group Total		574	569	2.33	.840	.035
Discussed career plans with faculty	Sex of student	Male	215	212	2.23	.921	.063
		Female	351	349	2.24	.845	.045
		Missing	8	7	2.00	1.155	.436
	Group Total		574	568	2.23	.877	.037
Worked harder due to instructor feedback	Sex of student	Male	215	214	2.57	.857	.059
		Female	351	349	2.71	.864	.046
		Missing	8	7	2.71	.756	.286
	Group Total		574	570	2.66	.861	.036
Socialized with faculty outside of class	Sex of student	Male	215	214	2.06	.979	.067
		Female	351	349	1.67	.805	.043
		Missing	8	7	1.86	.690	.261
	Group Total		574	570	1.82	.892	.037
Discussed with others outside of class	Sex of student	Male	215	214	2.08	.951	.065
		Female	351	349	1.81	.848	.045
		Missing	8	7	2.14	.378	.143
	Group Total		574	570	1.92	.893	.037
Asked instructor about performance	Sex of student	Male	215	214	2.20	.924	.063
		Female	351	347	2.01	.867	.047
		Missing	8	7	2.00	.816	.309
	Group Total		574	568	2.08	.891	.037
Worked to meet faculty expectations	Sex of student	Male	215	214	2.40	.933	.064
		Female	351	347	2.54	.922	.050
		Missing	8	7	2.71	1.113	.421
	Group Total		574	568	2.49	.930	.039
Worked with faculty member on research	Sex of student	Male	215	214	1.67	.972	.066
		Female	351	348	1.43	.858	.046
		Missing	8	7	1.00	.000	.000
	Group Total		574	569	1.51	.906	.038

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Arts, Music, and Theater Activities

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Talked about art or theater with others	Sex of student	Male	215	214	2.22	1.024	.070
		Female	351	350	2.56	1.013	.054
		Missing	8	7	2.57	1.134	.429
	Group Total		574	571	2.43	1.030	.043
Went to exhibit or performance	Sex of student	Male	215	213	2.05	.910	.062
		Female	351	349	2.45	.907	.049
		Missing	8	7	2.29	.951	.360
	Group Total		574	569	2.30	.928	.039
Participated in art or theater activity	Sex of student	Male	215	213	1.68	.983	.067
		Female	351	350	1.87	1.073	.057
		Missing	8	7	1.86	1.215	.459
	Group Total		574	570	1.80	1.044	.044
Talked about music or musicians	Sex of student	Male	215	213	2.80	.991	.068
		Female	351	350	2.85	.986	.053
		Missing	8	7	2.86	.900	.340
	Group Total		574	570	2.83	.985	.041
Attended a concert or other music event	Sex of student	Male	215	214	2.50	.913	.062
		Female	351	348	2.51	.937	.050
		Missing	8	7	2.57	1.134	.429
	Group Total		574	569	2.51	.929	.039
Participated in music activity	Sex of student	Male	215	214	1.65	1.031	.070
		Female	351	348	1.72	1.043	.056
		Missing	8	7	1.43	1.134	.429
	Group Total		574	569	1.69	1.039	.044
Read or discussed opinions of critics	Sex of student	Male	215	214	1.94	1.069	.073
		Female	351	350	2.00	1.011	.054
		Missing	8	7	2.14	1.215	.459
	Group Total		574	571	1.98	1.034	.043

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Campus Facilities

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used a campus lounge to relax or study	Sex of student	Male	215	214	2.43	.874	.060
		Female	351	350	2.39	.925	.049
		Missing	8	7	2.43	1.134	.429
	Group Total		574	571	2.40	.908	.038
Met other students for discussion	Sex of student	Male	215	214	2.72	.947	.065
		Female	351	350	2.87	.903	.048
		Missing	8	7	3.00	1.000	.378
	Group Total		574	571	2.81	.922	.039
Attended cultural/social event	Sex of student	Male	215	214	2.35	.894	.061
		Female	351	350	2.51	.904	.048
		Missing	8	7	2.71	.756	.286
	Group Total		574	571	2.45	.902	.038
Went to lecture or panel discussion	Sex of student	Male	215	214	2.17	.857	.059
		Female	351	349	2.08	.820	.044
		Missing	8	7	2.43	.976	.369
	Group Total		574	570	2.12	.836	.035
Used a campus learning lab or center	Sex of student	Male	215	214	1.82	.907	.062
		Female	351	350	1.87	.844	.045
		Missing	8	7	2.14	1.069	.404
	Group Total		574	571	1.85	.870	.036
Used campus recreational facilities	Sex of student	Male	215	213	2.98	1.025	.070
		Female	351	350	2.93	1.020	.055
		Missing	8	7	3.57	.787	.297
	Group Total		574	570	2.95	1.021	.043
Played a team sport	Sex of student	Male	215	213	2.49	1.250	.086
		Female	351	350	1.89	1.135	.061
		Missing	8	7	3.29	1.254	.474
	Group Total		574	570	2.13	1.221	.051
Followed regular exercise schedule	Sex of student	Male	215	214	2.68	1.192	.081
		Female	351	348	2.57	1.161	.062
		Missing	8	7	3.57	1.134	.429
	Group Total		574	569	2.62	1.176	.049

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Clubs and Organizations

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Attended a meeting of campus org.	Sex of student	Male	215	213	3.00	1.139	.078
		Female	351	349	3.32	.997	.053
		Missing	8	7	3.57	1.134	.429
	Group Total		574	569	3.20	1.065	.045
Worked on campus committee/organization	Sex of student	Male	215	214	2.21	1.250	.085
		Female	351	349	2.66	1.247	.067
		Missing	8	7	3.14	1.464	.553
	Group Total		574	570	2.49	1.269	.053
Worked on off-campus committee/org.	Sex of student	Male	215	214	1.96	1.162	.079
		Female	351	350	1.70	1.000	.053
		Missing	8	7	1.43	.787	.297
	Group Total		574	571	1.80	1.068	.045
Met with faculty to discuss campus group	Sex of student	Male	215	214	1.94	1.021	.070
		Female	351	350	1.79	.958	.051
		Missing	8	7	1.71	1.113	.421
	Group Total		574	571	1.84	.985	.041
Managed an organization on or off campus	Sex of student	Male	215	213	2.51	1.254	.086
		Female	351	350	2.47	1.270	.068
		Missing	8	7	2.71	1.380	.522
	Group Total		574	570	2.49	1.264	.053

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Personal Experiences

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Told friend about reaction to others	Sex of student	Male	215	211	2.93	.859	.059
		Female	351	349	3.34	.807	.043
		Missing	8	7	3.43	.976	.369
	Group Total		574	567	3.19	.851	.036
Discussed why some people get along	Sex of student	Male	215	212	2.76	.888	.061
		Female	351	350	3.12	.870	.047
		Missing	8	6	3.17	1.329	.543
	Group Total		574	568	2.99	.897	.038
Asked for help with a personal problem	Sex of student	Male	215	212	2.63	.972	.067
		Female	351	350	3.14	.884	.047
		Missing	8	7	3.14	1.069	.404
	Group Total		574	569	2.95	.951	.040
Read about personal growth/self-improve	Sex of student	Male	215	211	1.92	.963	.066
		Female	351	350	2.06	.935	.050
		Missing	8	7	2.14	1.069	.404
	Group Total		574	568	2.01	.947	.040
Identified with book/movie/TV character	Sex of student	Male	215	212	2.68	.928	.064
		Female	351	350	2.89	.888	.047
		Missing	8	7	3.43	.787	.297
	Group Total		574	569	2.82	.909	.038
Took test to measure abilities/interests	Sex of student	Male	215	212	2.30	.856	.059
		Female	351	349	2.28	.891	.048
		Missing	8	7	2.14	.900	.340
	Group Total		574	568	2.29	.877	.037
Asked friend his/her opinion of you	Sex of student	Male	215	212	2.28	.965	.066
		Female	351	350	2.30	.974	.052
		Missing	8	7	2.86	.900	.340
	Group Total		574	569	2.30	.970	.041
Talked with F/S about personal concern	Sex of student	Male	215	211	1.67	.896	.062
		Female	351	349	1.68	.871	.047
		Missing	8	7	1.71	.756	.286
	Group Total		574	567	1.68	.878	.037

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Student Acquaintances

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Acquainted: students of diff. interests	Sex of student	Male	215	212	2.89	.824	.057
		Female	351	350	2.97	.777	.042
		Missing	8	7	2.86	.900	.340
	Group Total		574	569	2.94	.796	.033
Acquainted: students of diff. background	Sex of student	Male	215	212	3.04	.753	.052
		Female	351	350	3.05	.763	.041
		Missing	8	7	2.86	.900	.340
	Group Total		574	569	3.04	.760	.032
Acquainted: students of diff. age	Sex of student	Male	215	212	3.03	.796	.055
		Female	351	349	3.06	.780	.042
		Missing	8	7	3.00	1.000	.378
	Group Total		574	568	3.05	.788	.033
Acquainted: students of diff. race	Sex of student	Male	215	212	2.83	.854	.059
		Female	351	348	2.82	.831	.045
		Missing	8	7	3.29	.951	.360
	Group Total		574	567	2.83	.841	.035
Acquainted: students from other country	Sex of student	Male	215	212	2.59	.921	.063
		Female	351	350	2.51	.856	.046
		Missing	8	7	3.00	.816	.309
	Group Total		574	569	2.55	.881	.037
Discussions: students of diff. values	Sex of student	Male	215	212	2.78	.898	.062
		Female	351	349	2.69	.891	.048
		Missing	8	7	2.86	.900	.340
	Group Total		574	568	2.73	.893	.037
Discussions: students of diff. political	Sex of student	Male	215	210	2.66	.977	.067
		Female	351	350	2.51	1.026	.055
		Missing	8	7	2.71	.756	.286
	Group Total		574	567	2.57	1.006	.042
Discussions: students of diff. religious	Sex of student	Male	215	212	2.76	.909	.062
		Female	351	350	2.72	.932	.050
		Missing	8	7	3.14	.900	.340
	Group Total		574	569	2.74	.923	.039
Discussions: students of diff. race	Sex of student	Male	215	212	2.55	1.003	.069
		Female	351	350	2.37	.944	.050
		Missing	8	7	2.86	.900	.340
	Group Total		574	569	2.44	.970	.041
Discussions: students of diff. country	Sex of student	Male	215	212	2.27	1.057	.073
		Female	351	350	2.07	.959	.051
		Missing	8	7	3.00	.816	.309
	Group Total		574	569	2.16	1.003	.042

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Science and Quantitative Experiences

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Memorized formulas/definitions/concepts	Sex of student	Male	215	213	3.14	.905	.062
		Female	351	350	3.29	.848	.045
		Missing	8	7	2.57	1.134	.429
	Group Total		574	570	3.23	.878	.037
Expressed relationships using math terms	Sex of student	Male	215	213	2.79	.965	.066
		Female	351	350	2.67	.989	.053
		Missing	8	7	2.57	.976	.369
	Group Total		574	570	2.71	.980	.041
Explained scientific concept to others	Sex of student	Male	215	213	2.68	.967	.066
		Female	351	350	2.49	1.001	.053
		Missing	8	7	2.43	1.134	.429
	Group Total		574	570	2.56	.992	.042
Read articles about science not assigned	Sex of student	Male	215	213	2.20	1.056	.072
		Female	351	350	1.81	.972	.052
		Missing	8	7	2.29	.951	.360
	Group Total		574	570	1.96	1.020	.043
Completed an experiment w/sci. methods	Sex of student	Male	215	213	2.45	1.011	.069
		Female	351	350	2.33	1.020	.055
		Missing	8	7	2.43	.787	.297
	Group Total		574	570	2.37	1.014	.042
Practiced using laboratory equipment	Sex of student	Male	215	213	2.03	1.052	.072
		Female	351	350	1.92	1.029	.055
		Missing	8	7	2.29	.951	.360
	Group Total		574	570	1.97	1.037	.043
Showed how to use scientific equipment	Sex of student	Male	215	213	1.99	1.014	.069
		Female	351	349	1.85	.974	.052
		Missing	8	7	2.14	1.069	.404
	Group Total		574	569	1.91	.991	.042
Explained experimental procedure	Sex of student	Male	215	212	2.10	1.028	.071
		Female	351	349	1.96	.904	.048
		Missing	8	7	2.14	1.069	.404
	Group Total		574	568	2.01	.955	.040
Compared sci. method with other methods	Sex of student	Male	215	213	1.99	.949	.065
		Female	351	350	1.87	.900	.048
		Missing	8	7	2.29	.951	.360
	Group Total		574	570	1.92	.920	.039
Explained scientific basis for concerns	Sex of student	Male	215	213	2.14	.956	.066
		Female	351	349	2.01	.914	.049
		Missing	8	7	2.29	1.254	.474
	Group Total		574	569	2.06	.935	.039

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Topics of Conversation

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Topic: Current events in the news	Sex of student	Male	215	212	2.98	.834	.057
		Female	351	349	2.91	.820	.044
		Missing	8	7	3.14	.900	.340
	Group Total		574	568	2.94	.826	.035
Topic: Social issues--peace,justice, etc	Sex of student	Male	215	210	2.62	.972	.067
		Female	351	349	2.68	.890	.048
		Missing	8	7	3.14	.900	.340
	Group Total		574	566	2.67	.922	.039
Topic: Different lifestyles, etc.	Sex of student	Male	215	212	2.69	.917	.063
		Female	351	350	2.82	.828	.044
		Missing	8	7	3.00	.816	.309
	Group Total		574	569	2.78	.863	.036
Topic: Ideas of writers, etc.	Sex of student	Male	215	211	2.40	.943	.065
		Female	351	350	2.14	.860	.046
		Missing	8	7	2.57	.976	.369
	Group Total		574	568	2.24	.901	.038
Topic: The arts--painting, poetry, etc.	Sex of student	Male	215	211	2.31	.965	.066
		Female	351	349	2.54	.945	.051
		Missing	8	7	2.14	1.069	.404
	Group Total		574	567	2.45	.959	.040
Topic: Science--theories, etc.	Sex of student	Male	215	211	2.27	.991	.068
		Female	351	350	1.97	.881	.047
		Missing	8	7	2.00	.577	.218
	Group Total		574	568	2.08	.931	.039
Topic: Computers and other technologies	Sex of student	Male	215	212	2.65	.909	.062
		Female	351	349	2.19	.772	.041
		Missing	8	7	2.29	.951	.360
	Group Total		574	568	2.36	.856	.036
Topic: Social/ethical issues re: science	Sex of student	Male	215	211	2.46	.901	.062
		Female	351	350	2.30	.833	.045
		Missing	8	7	2.57	.535	.202
	Group Total		574	568	2.37	.858	.036
Topic: The economy--employment, etc.	Sex of student	Male	215	212	2.61	.893	.061
		Female	351	350	2.41	.831	.044
		Missing	8	7	2.71	.756	.286
	Group Total		574	569	2.49	.858	.036
Topic: International relations	Sex of student	Male	215	212	2.58	.968	.066
		Female	351	350	2.43	.924	.049
		Missing	8	7	2.57	.976	.369
	Group Total		574	569	2.49	.942	.039

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Information in Conversations

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Referred to readings or classes	Sex of student	Male	215	209	2.89	.833	.058
		Female	351	345	2.94	.785	.042
		Missing	8	7	2.71	.756	.286
	Group Total		574	561	2.92	.802	.034
Explored different ways of thinking	Sex of student	Male	215	210	2.75	.798	.055
		Female	351	345	2.73	.763	.041
		Missing	8	7	3.29	.756	.286
	Group Total		574	562	2.74	.777	.033
Referred to something instructor said	Sex of student	Male	215	210	2.67	.819	.057
		Female	351	344	2.80	.780	.042
		Missing	8	7	2.86	.690	.261
	Group Total		574	561	2.75	.795	.034
Subsequently read something on a topic	Sex of student	Male	215	210	2.51	.882	.061
		Female	351	345	2.42	.845	.046
		Missing	8	7	2.43	.535	.202
	Group Total		574	562	2.45	.856	.036
Changed opinion because of others	Sex of student	Male	215	210	2.43	.743	.051
		Female	351	344	2.18	.645	.035
		Missing	8	7	2.57	.535	.202
	Group Total		574	561	2.28	.693	.029
Persuaded others to change their minds	Sex of student	Male	215	210	2.42	.774	.053
		Female	351	344	2.20	.716	.039
		Missing	8	7	2.43	.535	.202
	Group Total		574	561	2.29	.743	.031

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Quality of Effort Scales

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale	Sex of student	Male	215	211	18.26	4.602	.317
		Female	351	347	18.40	3.982	.214
		Missing	8	7	20.00	3.464	1.309
	Group Total		574	565	18.37	4.217	.177
QE: Computer and IT Scale	Sex of student	Male	215	214	24.95	4.841	.331
		Female	351	351	24.75	4.261	.227
		Missing	8	7	25.86	5.872	2.219
	Group Total		574	572	24.84	4.501	.188
QE: Course Learning Scale	Sex of student	Male	215	203	32.15	4.927	.346
		Female	351	343	33.61	5.125	.277
		Missing	8	7	33.71	5.090	1.924
	Group Total		574	553	33.07	5.092	.217
QE: Writing Experiences Scale	Sex of student	Male	215	213	17.01	4.299	.295
		Female	351	349	18.73	4.040	.216
		Missing	8	7	18.71	5.090	1.924
	Group Total		574	569	18.08	4.227	.177
QE: Experiences with Faculty Scale	Sex of student	Male	215	212	22.94	6.648	.457
		Female	351	343	22.33	5.811	.314
		Missing	8	7	22.29	5.648	2.135
	Group Total		574	562	22.56	6.135	.259
QE: Art, Music, Theater Scale	Sex of student	Male	215	212	14.88	5.293	.364
		Female	351	346	15.97	5.231	.281
		Missing	8	7	15.71	6.317	2.388
	Group Total		574	565	15.56	5.284	.222
QE: Campus Facilities Scale	Sex of student	Male	215	212	19.63	4.901	.337
		Female	351	347	19.06	4.414	.237
		Missing	8	7	23.14	4.488	1.696
	Group Total		574	566	19.32	4.623	.194
QE: Clubs and Organizations Scale	Sex of student	Male	215	212	11.63	4.396	.302
		Female	351	348	11.94	4.092	.219
		Missing	8	7	12.57	4.685	1.771
	Group Total		574	567	11.83	4.211	.177
QE: Personal Experiences Scale	Sex of student	Male	215	210	19.21	5.132	.354
		Female	351	347	20.80	4.786	.257
		Missing	8	6	21.67	5.279	2.155
	Group Total		574	563	20.21	4.976	.210
QE: Student Acquaintances Scale	Sex of student	Male	215	210	27.43	6.702	.462
		Female	351	346	26.80	6.272	.337
		Missing	8	7	29.57	6.024	2.277
	Group Total		574	563	27.07	6.435	.271
QE: Science & Quantitative Exp. Scale	Sex of student	Male	215	212	23.52	7.619	.523
		Female	351	347	22.25	7.148	.384
		Missing	8	7	23.43	8.324	3.146
	Group Total		574	566	22.74	7.354	.309
QE: Topics of Conversation Scale	Sex of student	Male	215	207	25.57	6.529	.454
		Female	351	346	24.42	5.606	.301
		Missing	8	7	26.14	4.670	1.765
	Group Total		574	560	24.87	5.973	.252

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Quality of Effort Scales

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Information in Conversations Scale	Sex of student	Male	215	209	15.67	3.797	.263
		Female	351	343	15.28	3.459	.187
		Missing	8	7	16.29	1.380	.522
	Group Total		574	559	15.44	3.574	.151

Reading, Writing, and College Opinion

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Number of texts read	Sex of student	Male	215	212	2.93	.929	.064
		Female	351	349	3.29	.875	.047
		Missing	8	7	3.29	1.113	.421
	Group Total		574	568	3.16	.913	.038
Number of course packets read	Sex of student	Male	215	210	2.65	1.062	.073
		Female	351	349	2.54	.942	.050
		Missing	8	7	2.86	1.069	.404
	Group Total		574	566	2.59	.990	.042
Number of non-assigned books read	Sex of student	Male	215	210	1.96	.943	.065
		Female	351	350	2.18	.983	.053
		Missing	8	7	2.29	1.254	.474
	Group Total		574	567	2.10	.975	.041
Number of essays written	Sex of student	Male	215	209	2.99	1.061	.073
		Female	351	348	3.03	1.008	.054
		Missing	8	7	3.00	.816	.309
	Group Total		574	564	3.02	1.024	.043
Number of term papers written	Sex of student	Male	215	205	2.98	.995	.069
		Female	351	346	3.16	.978	.053
		Missing	8	7	3.00	1.000	.378
	Group Total		574	558	3.09	.987	.042
How well college is liked	Sex of student	Male	215	212	3.02	.788	.054
		Female	351	348	3.12	.746	.040
		Missing	8	7	3.00	1.155	.436
	Group Total		574	567	3.08	.767	.032
Would attend same institution again	Sex of student	Male	215	212	3.03	.915	.063
		Female	351	348	3.19	.791	.042
		Missing	8	7	2.71	.488	.184
	Group Total		574	567	3.12	.840	.035
Overall opinion of college	Sex of student	Male	215	212	6.06	1.488	.102
		Female	351	348	6.31	1.326	.071
		Missing	8	7	5.71	1.380	.522
	Group Total		574	567	6.21	1.393	.059

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Measures of the College Environment

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Env. Emphasis: Scholarship	Sex of student	Male	215	212	6.00	1.125	.077
		Female	351	350	6.42	.713	.038
		Missing	8	7	6.43	.787	.297
	Group Total		574	569	6.27	.911	.038
Env. Emphasis: Aesthetics	Sex of student	Male	215	212	4.74	1.429	.098
		Female	351	350	5.07	1.228	.066
		Missing	8	7	5.00	2.000	.756
	Group Total		574	569	4.95	1.324	.056
Env. Emphasis: Analysis	Sex of student	Male	215	212	5.55	1.225	.084
		Female	351	350	5.97	.940	.050
		Missing	8	7	5.86	.900	.340
	Group Total		574	569	5.81	1.072	.045
Env. Emphasis: Diversity	Sex of student	Male	215	212	4.32	1.626	.112
		Female	351	350	4.59	1.423	.076
		Missing	8	7	3.57	.976	.369
	Group Total		574	569	4.48	1.505	.063
Env. Emphasis: Info. literacy skills	Sex of student	Male	215	212	4.97	1.371	.094
		Female	351	350	5.20	1.294	.069
		Missing	8	7	5.71	.488	.184
	Group Total		574	569	5.12	1.322	.055
Env. Emphasis: Vocational	Sex of student	Male	215	212	4.16	1.655	.114
		Female	351	350	4.42	1.479	.079
		Missing	8	7	3.71	1.380	.522
	Group Total		574	569	4.31	1.550	.065
Env. Emphasis: Practical courses	Sex of student	Male	215	212	4.39	1.540	.106
		Female	351	350	4.63	1.432	.077
		Missing	8	7	4.14	2.035	.769
	Group Total		574	569	4.53	1.483	.062
Relationships: Other students	Sex of student	Male	215	212	5.50	1.392	.096
		Female	351	350	5.97	1.132	.061
		Missing	8	7	5.00	2.236	.845
	Group Total		574	569	5.78	1.273	.053
Relationships: Administrative personnel	Sex of student	Male	215	212	4.52	1.625	.112
		Female	351	350	4.73	1.501	.080
		Missing	8	7	3.86	1.574	.595
	Group Total		574	569	4.64	1.552	.065
Relationships: Faculty members	Sex of student	Male	215	212	5.17	1.377	.095
		Female	351	350	5.57	1.076	.057
		Missing	8	7	5.00	1.633	.617
	Group Total		574	569	5.41	1.218	.051

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Estimates of Gains

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Vocational preparation	Sex of student	Male	215	211	2.63	.913	.063
		Female	351	349	2.70	.870	.047
		Missing	8	7	2.29	.756	.286
	Group Total		574	567	2.67	.885	.037
Gain: Skills for professional career	Sex of student	Male	215	212	2.96	.796	.055
		Female	351	349	3.01	.752	.040
		Missing	8	7	2.43	1.397	.528
	Group Total		574	568	2.99	.780	.033
Gain: Broad general education	Sex of student	Male	215	212	3.04	.772	.053
		Female	351	348	3.11	.699	.037
		Missing	8	7	3.14	.690	.261
	Group Total		574	567	3.09	.727	.031
Gain: Career information	Sex of student	Male	215	210	2.88	.821	.057
		Female	351	349	2.99	.779	.042
		Missing	8	7	2.71	.756	.286
	Group Total		574	566	2.94	.795	.033
Gain: Enjoyment of art, music, drama	Sex of student	Male	215	210	2.23	.966	.067
		Female	351	349	2.39	.979	.052
		Missing	8	7	2.14	1.069	.404
	Group Total		574	566	2.33	.977	.041
Gain: Acquaintance with literature	Sex of student	Male	215	212	2.23	1.000	.069
		Female	351	348	2.35	.935	.050
		Missing	8	7	2.00	1.155	.436
	Group Total		574	567	2.30	.963	.040
Gain: Understanding history	Sex of student	Male	215	211	2.45	.941	.065
		Female	351	347	2.35	.885	.048
		Missing	8	7	2.29	1.113	.421
	Group Total		574	565	2.39	.909	.038
Gain: Knowledge about world	Sex of student	Male	215	211	2.18	.922	.063
		Female	351	349	2.11	.860	.046
		Missing	8	7	2.14	1.069	.404
	Group Total		574	567	2.14	.885	.037
Gain: Writing effectively	Sex of student	Male	215	212	2.75	.825	.057
		Female	351	347	2.93	.789	.042
		Missing	8	7	3.00	.816	.309
	Group Total		574	566	2.87	.807	.034
Gain: Speaking effectively	Sex of student	Male	215	209	2.79	.747	.052
		Female	351	349	2.92	.764	.041
		Missing	8	7	2.86	1.215	.459
	Group Total		574	565	2.87	.765	.032
Gain: Using computers, other info tech	Sex of student	Male	215	212	2.99	.835	.057
		Female	351	347	2.90	.850	.046
		Missing	8	7	3.00	1.155	.436
	Group Total		574	566	2.94	.847	.036
Gain: Awareness of other philosophies	Sex of student	Male	215	212	2.56	.850	.058
		Female	351	349	2.63	.856	.046
		Missing	8	7	2.29	.951	.360
	Group Total		574	568	2.60	.855	.036
Gain: Values and ethical standards	Sex of student	Male	215	211	2.82	.915	.063
		Female	351	349	2.94	.845	.045
		Missing	8	7	2.86	.900	.340
	Group Total		574	567	2.89	.873	.037

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Estimates of Gains

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Understanding self	Sex of student	Male	215	211	3.02	.777	.054
		Female	351	349	3.15	.776	.042
		Missing	8	7	3.14	1.215	.459
	Group Total		574	567	3.11	.784	.033
Gain: Getting along with others	Sex of student	Male	215	211	2.95	.818	.056
		Female	351	349	3.03	.803	.043
		Missing	8	7	2.86	.900	.340
	Group Total		574	567	3.00	.810	.034
Gain: Functioning as a team member	Sex of student	Male	215	211	2.91	.868	.060
		Female	351	349	3.06	.818	.044
		Missing	8	7	2.57	1.272	.481
	Group Total		574	567	2.99	.846	.036
Gain: Personal health habits and fitness	Sex of student	Male	215	210	2.54	1.067	.074
		Female	351	349	2.62	.995	.053
		Missing	8	7	3.00	1.155	.436
	Group Total		574	566	2.59	1.024	.043
Gain: Understanding science	Sex of student	Male	215	211	2.55	.932	.064
		Female	351	349	2.36	.923	.049
		Missing	8	7	1.86	.690	.261
	Group Total		574	567	2.43	.929	.039
Gain: Understanding new technology	Sex of student	Male	215	210	2.59	.950	.066
		Female	351	349	2.30	.924	.049
		Missing	8	7	2.00	.816	.309
	Group Total		574	566	2.40	.943	.040
Gain: Consequences of science, tech.	Sex of student	Male	215	211	2.48	.880	.061
		Female	351	347	2.22	.884	.047
		Missing	8	7	1.71	.488	.184
	Group Total		574	565	2.32	.889	.037
Gain: Thinking analytically	Sex of student	Male	215	211	3.06	.820	.056
		Female	351	347	2.96	.789	.042
		Missing	8	7	2.29	.951	.360
	Group Total		574	565	2.99	.807	.034
Gain: Analyzing quantitative problems	Sex of student	Male	215	211	2.77	.825	.057
		Female	351	348	2.51	.877	.047
		Missing	8	7	2.00	.816	.309
	Group Total		574	566	2.60	.868	.036
Gain: Synthesizing ideas	Sex of student	Male	215	212	2.93	.800	.055
		Female	351	347	3.03	.740	.040
		Missing	8	7	3.00	.816	.309
	Group Total		574	566	3.00	.764	.032
Gain: Learning on one's own	Sex of student	Male	215	211	3.00	.825	.057
		Female	351	348	3.11	.727	.039
		Missing	8	7	3.00	1.155	.436
	Group Total		574	566	3.07	.771	.032
Gain: Adapting to change	Sex of student	Male	215	211	2.86	.837	.058
		Female	351	348	3.00	.809	.043
		Missing	8	7	3.14	.690	.261
	Group Total		574	566	2.95	.820	.034

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Additional Items

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #1	Sex of student	Male	215	200	4.03	.859	.061
		Female	351	340	4.23	.701	.038
		Missing	8	8	4.13	1.356	.479
	Group Total		574	548	4.16	.779	.033
Additional question #2	Sex of student	Male	215	200	2.98	1.297	.092
		Female	351	341	2.93	1.309	.071
		Missing	8	8	2.88	1.808	.639
	Group Total		574	549	2.95	1.310	.056
Additional question #3	Sex of student	Male	215	201	3.04	1.208	.085
		Female	351	341	3.00	1.220	.066
		Missing	8	8	2.75	.886	.313
	Group Total		574	550	3.01	1.210	.052
Additional question #4	Sex of student	Male	215	200	2.06	.828	.059
		Female	351	341	2.18	.785	.043
		Missing	8	8	2.00	.535	.189
	Group Total		574	549	2.13	.799	.034
Additional question #5	Sex of student	Male	215	155	2.90	1.449	.116
		Female	351	256	3.50	1.224	.076
		Missing	8	7	3.00	1.633	.617
	Group Total		574	418	3.27	1.347	.066
Additional question #6	Sex of student	Male	215	146	2.57	1.156	.096
		Female	351	233	2.44	1.007	.066
		Missing	8	4	2.00	1.414	.707
	Group Total		574	383	2.49	1.070	.055
Additional question #7	Sex of student	Male	215	201	2.59	.971	.069
		Female	351	341	2.38	.862	.047
		Missing	8	8	2.25	.886	.313
	Group Total		574	550	2.46	.908	.039
Additional question #8	Sex of student	Male	215	201	3.31	1.121	.079
		Female	351	341	3.20	1.034	.056
		Missing	8	8	2.63	1.061	.375
	Group Total		574	550	3.23	1.069	.046
Additional question #9	Sex of student	Male	215	201	2.75	1.356	.096
		Female	351	340	2.85	1.253	.068
		Missing	8	8	3.25	1.165	.412
	Group Total		574	549	2.82	1.290	.055
Additional question #10	Sex of student	Male	215	200	2.31	.921	.065
		Female	351	340	2.40	.868	.047
		Missing	8	8	2.00	.756	.267
	Group Total		574	548	2.36	.887	.038
Additional question #11	Sex of student	Male	215	200	2.05	.867	.061
		Female	351	341	1.95	.738	.040
		Missing	8	8	2.13	.835	.295
	Group Total		574	549	1.99	.789	.034
Additional question #12	Sex of student	Male	215	198	2.99	1.260	.090
		Female	351	335	2.78	1.139	.062
		Missing	8	8	2.88	1.246	.441
	Group Total		574	541	2.86	1.188	.051

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Additional Items

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #13	Sex of student	Male	215	194	3.09	1.247	.090
		Female	351	335	2.99	1.179	.064
		Missing	8	8	3.25	1.165	.412
	Group Total		574	537	3.03	1.203	.052
Additional question #14	Sex of student	Male	215	198	2.72	1.057	.075
		Female	351	335	2.62	1.039	.057
		Missing	8	8	2.88	.641	.227
	Group Total		574	541	2.66	1.041	.045
Additional question #15	Sex of student	Male	215	198	2.48	1.060	.075
		Female	351	335	2.44	.992	.054
		Missing	8	8	2.13	.641	.227
	Group Total		574	541	2.45	1.013	.044
Additional question #16	Sex of student	Male	215	197	2.92	1.032	.074
		Female	351	334	2.55	1.029	.056
		Missing	8	8	2.88	1.356	.479
	Group Total		574	539	2.69	1.048	.045
Additional question #17	Sex of student	Male	215	197	2.66	1.078	.077
		Female	351	335	2.38	.952	.052
		Missing	8	8	2.13	1.356	.479
	Group Total		574	540	2.48	1.014	.044
Additional question #18	Sex of student	Male	215	198	3.29	1.261	.090
		Female	351	335	3.16	1.284	.070
		Missing	8	8	2.50	1.604	.567
	Group Total		574	541	3.20	1.282	.055
Additional question #19	Sex of student	Male	215	198	2.90	1.000	.071
		Female	351	334	2.68	1.012	.055
		Missing	8	8	2.50	.756	.267
	Group Total		574	540	2.76	1.009	.043
Additional question #20	Sex of student	Male	215	198	2.23	.922	.065
		Female	351	334	1.98	.775	.042
		Missing	8	8	2.13	1.126	.398
	Group Total		574	540	2.08	.844	.036