



Q#	Variable Name	Variable Description
	ACE	College I.D.
	SUBJID	Subject I.D.
	STUID	Student I.D. as entered on form
	GRPA	Group Code A
	GRPB	Group Code B
1	SEX	Your sex: 1=Male 2=Female
2	RACE1 RACE2 RACE3 RACE4 RACE5 RACE6 RACE7 RACE8 RACE9 RACE10 RACE11 RACE12 RACE13	Are you: 1=Not marked 2=Marked White/Caucasian African American/Black American Indian/Alaska Native East Asian (e.g., Chinese, Japanese, Korean, Taiwanese) Filipino Southeast Asian (e.g., Cambodian, Vietnamese, Hmong, Filipino) South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan) Other Asian Native Hawaiian/Pacific Islander Mexican American/Chicano Puerto Rican Other Latino Other
3	TRANSGENDER	Do you identify as transgender? 1=No 2=Yes
4	LGBTQIDEN	What is your sexual orientation? 1=Heterosexual/Straight 2=Gay 3=Lesbian 4=Bisexual 5=Queer 6=Other
5	ENRLSTAT	Are you currently a full-time or part-time student? 1=Not enrolled 2=Part-time 3=Full-time
6	ENTER1ST ENTERCUR	What year did you first enter: 1=2016 or 2017 2=2015 3=2014 4=2013 5=2012 or earlier What year did you first enter your 1st college? What year did you first enter this college?



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7	MNDHAB01 MNDHAB02 MNDHAB03 MNDHAB04 MNDHAB05 MNDHAB06 MNDHAB07 MNDHAB08 MNDHAB09 MNDHAB10 MNDHAB11	How often in the past year did you: 1=Not at all 2=Occasionally 3=Frequently Habits of Mind: Ask questions in class Habits of Mind: Support your opinions with a logical argument Habits of Mind: Seek solutions to problems and explain them to others Habits of Mind: Revise your papers to improve your writing Habits of Mind: Take a risk because you felt you had more to gain Habits of Mind: Seek alternative solutions to a problem Habits of Mind: Look up scientific research articles and resources Habits of Mind: Explore topics on your own, even though it was not required for a class Habits of Mind: Accept mistakes as part of the learning process Habits of Mind: Analyze multiple sources of information before coming to a conclusion Habits of Mind: Take on a challenge that scares you
8	INTACT1 INTACT2 INTACT3 INTACT4 INTACT5 INTACT6 INTACT7 INTACT8	Since entering this college, how often have you interacted with the following people (e.g., by phone, e-mail, text, or in person): 1=Never 2=1 or 2 times per term 3=1 or 2 times per month 4=Once a week 5=2 or 3 times per week 6=Daily Interact: Faculty <u>during</u> office hours Interact: Faculty <u>outside</u> of class or office hours Interact: Academic advisors/counselors Interact: Graduate students/teaching assistants Interact: Close friends at this institution Interact: Close friends <u>not</u> at this institution Interact: Your parents/guardians Interact: Your siblings or extended family
9	FINCON	Do you have any concern about your ability to finance your college education? 1=None (I am confident that I will have sufficient funds) 2=Some (but I probably will have enough funds) 3=Major (not sure I will have enough funds to complete college)
10	AID1 AID2 AID3 AID4	How much of the past year's educational expenses (room, board, tuition, and fees) were covered from each of the following sources? 1=None 2=\$1 to \$2,999 3=\$3,000 to \$5,999 4=\$6,000 to \$9,999 5=\$10,000 to \$14,999 6=\$15,000 or more Aid: Family resources (parents, relatives, spouse, etc.) Aid: My own resources (income from work, work-study, etc.) Aid: Aid which need not be repaid (grants, scholarships, military, etc.) Aid: Aid which must be repaid (loans)

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11		Since entering this college, how often have you felt: 1=Not at all 2=Occasionally 3=Frequently
	AFFACT01	Felt: Lonely or homesick
	AFFACT02	Felt: Isolated from campus life
	AFFACT03	Felt: Unsafe on this campus
	AFFACT04	Felt: Worried about your health
	AFFACT05	Felt: That your courses inspired you to think in new ways
	AFFACT06	Felt: That your job responsibilities interfered with your schoolwork
	AFFACT07	Felt: That your family responsibilities interfered with your schoolwork
	AFFACT08	Felt: Family support to succeed
	AFFACT09	Felt: That faculty provided me with feedback that helped me assess my progress in class
	AFFACT10	Felt: That my contributions were valued in class
	AFFACT11	Felt: That faculty encouraged me to ask questions and participate in discussions
12		Please rate your satisfaction with your college in each area: (Mark <u>one</u> in each row) 1=Can't Rate/No Experience 2=Very Dissatisfied 3=Dissatisfied 4=Neutral 5=Satisfied 6=Very Satisfied
	SATIS01	Satisfaction: General education and core curriculum courses
	SATIS02	Satisfaction: Your overall academic experience
	SATIS03	Satisfaction: Career services
	SATIS04	Satisfaction: Classroom facilities
	SATIS05	Satisfaction: Computer facilities/labs
	SATIS06	Satisfaction: Library resources
	SATIS07	Satisfaction: Laboratory facilities and equipment
	SATIS08	Satisfaction: Technology resources
	SATIS09	Satisfaction: Academic advising
	SATIS10	Satisfaction: Student housing (e.g., res. halls)
	SATIS11	Satisfaction: Financial aid office
	SATIS12	Satisfaction: Financial aid package
	SATIS13	Satisfaction: Student health services
	SATIS14	Satisfaction: Student psychological services
	SATIS15	Satisfaction: Orientation for new students
	SATIS16	Satisfaction: Opportunities for community service
	SATIS17	Satisfaction: First-year programs (e.g., first-year seminar, learning community, linked courses, common book)

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13	RATE01 RATE02 RATE03 RATE04 RATE05 RATE06 RATE07 RATE08 RATE09 RATE10 RATE11 RATE12 RATE13 RATE14 RATE15 RATE16	Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself. 1=Lowest 10% 2=Below Average 3=Average 4=Above Average 5=Highest 10% Self Rating: Academic ability Self Rating: Artistic ability Self Rating: Compassion Self Rating: Creativity Self Rating: Drive to achieve Self Rating: Emotional health Self Rating: Leadership ability Self Rating: Mathematical ability Self Rating: Physical health Self Rating: Public speaking ability Self Rating: Risk-taking Self Rating: Self-confidence (intellectual) Self Rating: Self-confidence (social) Self Rating: Spirituality Self Rating: Understanding of others Self Rating: Self-understanding
14	EASY1 EASY2 EASY3 EASY4 EASY5	Since entering this college, how has it been to: 1=Very Difficult 2=Somewhat Difficult 3=Somewhat Easy 4=Very Easy Ease: Understand what your professors expect of you academically Ease: Develop effective study skills Ease: Adjust to the academic demands of college Ease: Manage your time effectively Ease: Develop close friendships with other students
15	DIVRATE1 DIVRATE2 DIVRATE3 DIVRATE4 DIVRATE5 DIVRATE6 DIVRATE7	How would you rate yourself in the following areas: 1=A Major Weakness 2=Somewhat Weak 3=Average 4=Somewhat Strong 5=A Major Strength Diversity Rating: Ability to see the world from someone else's perspective Diversity Rating: Tolerance of others with different beliefs Diversity Rating: Openness to having my own views challenged Diversity Rating: Ability to discuss and negotiate controversial issues Diversity Rating: Ability to work cooperatively with diverse people Diversity Rating: Critical thinking skills Diversity Rating: Ability to manage your time effectively

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16	<p>ACT01</p> <p>ACT02</p> <p>ACT03</p> <p>ACT04</p> <p>ACT05</p> <p>ACT06</p> <p>ACT07</p> <p>ACT08</p> <p>ACT09</p> <p>ACT10</p> <p>ACT11</p> <p>ACT12</p> <p>ACT13</p> <p>ACT14</p> <p>ACT15</p> <p>ACT16</p> <p>ACT17</p> <p>ACT18</p> <p>ACT19</p> <p>ACT20</p> <p>ACT21</p> <p>ACT22</p> <p>ACT23</p>	<p>Since entering this college, how often have you:</p> <p>1=Not at all</p> <p>2=Occasionally</p> <p>3=Frequently</p> <p>Act: Attended a religious service</p> <p>Act: Been bored in class</p> <p>Act: Demonstrated for a cause (e.g., boycott, rally, protest)</p> <p>Act: Studied with other students</p> <p>Act: Consumed beer</p> <p>Act: Consumed wine or liquor</p> <p>Act: Felt overwhelmed by all you had to do</p> <p>Act: Felt depressed</p> <p>Act: Performed volunteer work</p> <p>Act: Contributed money to help support my family</p> <p>Act: Asked a professor for advice after class</p> <p>Act: Worked on a local, state, or national political campaign</p> <p>Act: Socialized with someone of another sexual orientation</p> <p>Act: Been late to class</p> <p>Act: Posted on a course-related on-line discussion board</p> <p>Act: Performed community service as part of a class</p> <p>Act: Discussed religion</p> <p>Act: Discussed politics</p> <p>Act: Maintained a healthy diet</p> <p>Act: Had adequate sleep</p> <p>Act: Helped raise money for a cause or campaign</p> <p>Act: Publicly communicated your opinion about a cause (e.g., blog, email, petition)</p> <p>Act: Felt Anxious</p>
17	<p>COLOPN01</p> <p>COLOPN02</p> <p>COLOPN03</p> <p>COLOPN04</p> <p>COLOPN05</p> <p>COLOPN06</p> <p>COLOPN07</p> <p>COLOPN08</p> <p>COLOPN09</p> <p>COLOPN10</p> <p>COLOPN11</p> <p>COLOPN12</p> <p>COLOPN13</p> <p>COLOPN14</p> <p>COLOPN15</p> <p>COLOPN16</p> <p>COLOPN17</p> <p>COLOPN18</p> <p>COLOPN19</p>	<p>Please indicate the extent to which you agree or disagree with the following statements:</p> <p>1=Strongly Disagree</p> <p>2=Disagree</p> <p>3=Agree</p> <p>4=Strongly Agree</p> <p>Opinion: I have felt discriminated against at this institution because of my race/ethnicity, gender, sexual orientation, religion, or disability status</p> <p>Opinion: I see myself as part of the campus community</p> <p>Opinion: There is a lot of racial tension on this campus</p> <p>Opinion: There is little that a person can do to be better at math - you are either "good" or "bad" at math</p> <p>Opinion: Sexual violence is prevalent on this campus</p> <p>Opinion: I have been able to find a balance between academics and extracurricular activities</p> <p>Opinion: Faculty empower me to learn here</p> <p>Opinion: If asked, I would recommend this college to others</p> <p>Opinion: At least one staff member has taken an interest in my development</p> <p>Opinion: I feel valued at this institution</p> <p>Opinion: Intelligence is something that can be improved by studying or working harder</p> <p>Opinion: In class, I have heard faculty express stereotypes based on race/ethnicity, gender, sexual orientation, religion, or disability status</p> <p>Opinion: I am interested in seeking information about current social and political issues</p> <p>Opinion: I feel a sense of belonging to this campus</p> <p>Opinion: At least one faculty member has taken an interest in my development</p> <p>Opinion: I feel I am a member of this college</p> <p>Opinion: I have effectively led a group to a common purpose</p> <p>Opinion: It's important for me to be thinking about my career path after college</p> <p>Opinion: I have a clear idea of how to achieve my career goals</p>

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18	CURRGPA	<p>What is your overall grade average (as of your most recently completed academic term)?</p> <p>1=I did not receive grades in my courses 2=D 3=C 4=C+ 5=B- 6=B 7=B+ 8=A- 9=A or A+</p>
19	CMPSAT01 CMPSAT02 CMPSAT03 CMPSAT04 CMPSAT05 CMPSAT06 CMPSAT07 CMPSAT08 CMPSAT09 CMPSAT10 CMPSAT11 CMPSAT12 CMPSAT13 CMPSAT14 CMPSAT15 CMPSAT16	<p>Please rate your satisfaction with your college in each area: (Mark <u>one</u> in each row)</p> <p>1=Very Dissatisfied 2=Dissatisfied 3=Neutral 4=Satisfied 5=Very Satisfied</p> <p>Campus Satisfaction: Amount of contact with faculty Campus Satisfaction: Ability to find a faculty or staff member Campus Satisfaction: Racial/ethnic diversity of faculty Campus Satisfaction: Racial/ethnic diversity of student body Campus Satisfaction: Gender diversity of faculty Campus Satisfaction: Class size Campus Satisfaction: Relevance of coursework to everyday life Campus Satisfaction: Relevance of coursework to future career plans Campus Satisfaction: Overall quality of instruction Campus Satisfaction: Respect for the expression of diverse beliefs Campus Satisfaction: Availability of campus social activities Campus Satisfaction: Overall sense of community among students Campus Satisfaction: Overall college experience Campus Satisfaction: Administrative response to incidents of: Campus emergencies Campus Satisfaction: Administrative response to incidents of: Discrimination Campus Satisfaction: Administrative response to incidents of: Sexual assaults</p>
20	SLFABL01 SLFABL02 SLFABL03 SLFABL04 SLFABL05 SLFABL06 SLFABL07 SLFABL08 SLFABL09	<p>Please rate your agreement with the following statements: This institution has contributed to my:</p> <p>1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree</p> <p>Contribution: Knowledge of a particular field or discipline Contribution: Knowledge of people from different races/cultures Contribution: Understanding of the problems facing your community Contribution: Understanding of national issues Contribution: Understanding of global issues Contribution: Ability to conduct research Contribution: Ability to work as part of a team Contribution: Problem-solving skills Contribution: Foreign language ability</p>

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21	<p>ETHEXP01 ETHEXP02</p> <p>ETHEXP03 ETHEXP04 ETHEXP05 ETHEXP06 ETHEXP07 ETHEXP08 ETHEXP09 ETHEXP10</p>	<p>To what extent have you experienced the following with students from a racial/ethnic group <u>other than your own</u>?</p> <p>1=Never 2=Seldom 3=Sometimes 4=Often 5=Very Often</p> <p>Ethnic Experience: Dined or shared a meal Ethnic Experience: Had meaningful and honest discussions about race/ethnic relations outside of class</p> <p>Ethnic Experience: Had guarded, cautious interactions Ethnic Experience: Shared personal feelings and problems Ethnic Experience: Had tense, somewhat hostile interactions Ethnic Experience: Had intellectual discussions outside of class Ethnic Experience: Felt insulted or threatened because of your race/ethnicity Ethnic Experience: Felt ignored or invisible because of your race/ethnicity Ethnic Experience: Studied or prepared for class Ethnic Experience: Socialized or partied</p>
22	LIVED	<p>Where did you primarily live while attending college this past year?</p> <p>On Campus</p> <p><u>Special Interest Housing</u></p> <p>1=First-year student housing 2=Cultural or minority student housing 3=Single-sex housing 4=Special academic program housing 5=Other special interest housing</p> <p><u>Regular College Housing</u></p> <p>6=Residence hall 7=Apartment 8=Fraternity or sorority housing 9=Other residential housing</p> <p>Off Campus</p> <p>10=At home with family 11=Fraternity or sorority house 12=Rented apartment or house 13=Other</p>
23	<p>GOAL01 GOAL02 GOAL03 GOAL04 GOAL05 GOAL06 GOAL07 GOAL08 GOAL09 GOAL10 GOAL11 GOAL12 GOAL13 GOAL14 GOAL15 GOAL16 GOAL17 GOAL18 GOAL19 GOAL20</p>	<p>Indicate the importance to you personally of each of the following:</p> <p>1=Not Important 2=Somewhat Important 3=Very Important 4=Essential</p> <p>Goal: Becoming accomplished in one of the performing arts (acting, dancing, etc.) Goal: Becoming an authority in my field Goal: Integrating spirituality into my life Goal: Becoming successful in a business of my own Goal: Obtaining recognition from my colleagues for contributions to my special field Goal: Influencing the political structure Goal: Influencing social values Goal: Raising a family Goal: Being very well off financially Goal: Helping others who are in difficulty Goal: Making a theoretical contribution to science Goal: Writing original works (poems, novels, etc.) Goal: Creating artistic works (painting, sculpture, etc.) Goal: Developing a meaningful philosophy of life Goal: Participating in a community action program Goal: Helping to promote racial understanding Goal: Keeping up to date with political affairs Goal: Becoming a community leader Goal: Improving my understanding of other countries and cultures Goal: Becoming involved in programs to clean up the environment</p>

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24	COLACT01 COLACT02 COLACT03 COLACT04 COLACT05 COLACT06 COLACT07 COLACT08 COLACT09 COLACT10 COLACT11	<p>Since entering this college have you:</p> <p>1=No 2=Yes</p> <p>Act in College: Decided to pursue a different major Act in College: Remained undecided about a major Act in College: Failed one or more courses Act in College: Taken an honors course Act in College: Taken a remedial or developmental course Act in College: Enrolled in a formal program where a group of students takes two or more courses together (e.g., FIG, learning community, linked courses) Act in College: Participated in an academic support program Act in College: Participated in a common book or summer reading program in which all students read and discuss the material Act in College: Taken a course or first-year seminar designed to help students adjust to college Act in College: Taken courses from more than one institution simultaneously Act in College: Taken a course exclusively online</p>
25	COLACT12 COLACT13 COLACT14 COLACT15 COLACT16 COLACT17 COLACT18 COLACT19 COLACT20 COLACT21 COLACT22 COLACT23 COLACT24 COLACT25 COLACT26 COLACT27 COLACT28 COLACT29 COLACT30	<p>Since entering this college have you:</p> <p>1=No 2=Yes</p> <p>Act in College: Changed your career choice Act in College: Held a full-time job (approx. 40 hours) while taking classes Act in College: Joined a social fraternity or sorority Act in College: Joined a pre-professional or departmental club Act in College: Participated in an undergraduate research program Act in College: Played club, intramural, or recreational sports Act in College: Played intercollegiate athletics (e.g., NCAA or NAIA-sponsored) Act in College: Sought personal counseling Act in College: Strengthened your religious or spiritual beliefs/convictions Act in College: Had a roommate of a different race/ethnicity Act in College: Accumulated excessive credit card debt Act in College: Been a leader in an organization Act in College: Voted in a national, state, or local election Act in College: Been made aware of your college's sexual harassment/assault reporting policy Act in College: Participated in: Student government Act in College: Participated in: Leadership training Act in College: Participated in: An ethnic/racial student organization Act in College: Participated in: An LGBTQ student organization Act in College: A women's advocacy group</p>
26	HPW01 HPW02 HPW03 HPW04 HPW05 HPW06 HPW07 HPW08 HPW09 HPW10 HPW11 HPW12	<p>Since entering this college, how much time have you spent during a typical week doing the following activities?</p> <p>1=None 2=< 1 hr/wk 3=1-2 hrs/wk 4=3-5 hrs/wk 5=6-10 hrs/wk 6=11-15 hrs/wk 7=16-20 hrs/wk 8=Over 20 hrs/wk</p> <p>Hours per Week: Attending classes/labs Hours per Week: Studying/homework Hours per Week: Socializing with friends in person Hours per Week: Using social media Hours per Week: Partying Hours per Week: Participating in student clubs/groups Hours per Week: Exercising/sports Hours per Week: Working (for pay) <u>on</u> campus Hours per Week: Working (for pay) <u>off</u> campus Hours per Week: Performing household/childcare duties Hours per Week: Commuting Hours per Week: Praying/meditating</p>

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27	<p>CLSACT01</p> <p>CLSACT02</p> <p>CLSACT03</p> <p>CLSACT04</p> <p>CLSACT05</p> <p>CLSACT06</p> <p>CLSACT07</p> <p>CLSACT08</p> <p>CLSACT09</p> <p>CLSACT10</p> <p>CLSACT11</p> <p>CLSACT12</p> <p>CLSACT13</p> <p>CLSACT14</p> <p>CLSACT15</p> <p>CLSACT16</p> <p>CLSACT17</p> <p>CLSACT18</p> <p>CLSACT19</p> <p>CLSACT20</p>	<p>Since entering this college, indicate how often have you:</p> <p>1=Not at all</p> <p>2=Occasionally</p> <p>3=Frequently</p> <p>Act in College: Turned in course assignment(s) late</p> <p>Act in College: Tutored another student</p> <p>Act in College: Contributed to class discussions</p> <p>Act in College: Discussed course content with students outside of class</p> <p>Act in College: Skipped class</p> <p>Act in College: Received tutoring</p> <p>Act in College: Communicated regularly with your professor</p> <p>Act in College: Worked on a professor's research project</p> <p>Act in College: Turned in course assignments that did <u>not</u> reflect your best work</p> <p>Act in College: Had difficulty getting along with your roommate(s)/housemate(s)</p> <p>Act in College: Witnessed academic dishonesty/cheating</p> <p>Act in College: Went home for the weekend</p> <p>Act in College: Received advice/counseling from another student</p> <p>Act in College: Fell asleep in class</p> <p>Act in College: Had difficulty getting the courses you need</p> <p>Act in College: Texted or used social media during class</p> <p>Act in College: Worked with classmates on group projects</p> <p>Act in College: Accessed your campus' library resources electronically</p> <p>Act in College: Made a presentation in class</p> <p>Act in College: Used the institution's course catalog (paper or online)</p>
28	POLIVIEW	<p>How would you characterize your political views?</p> <p>1=Far right</p> <p>2=Conservative</p> <p>3=Middle-of-the-road</p> <p>4=Liberal</p> <p>5=Far left</p>
29	VOTE	<p>Are you currently registered to vote?</p> <p>1=No</p> <p>2=Yes</p> <p>3=Ineligible</p>
30	DO_OVER	<p>If you could make your college choice over, would you still choose to enroll at your current (or most recent) college?</p> <p>1=Not sure yet</p> <p>2=Definitely no</p> <p>3=Probably no</p> <p>4=Probably yes</p> <p>5=Definitely yes</p>
31	<p>SERVICES01</p> <p>SERVICES02</p> <p>SERVICES03</p> <p>SERVICES04</p> <p>SERVICES05</p> <p>SERVICES06</p> <p>SERVICES07</p> <p>SERVICES08</p> <p>SERVICES09</p>	<p>Since entering this college, how often have you utilized the following services:</p> <p>1=Not at all</p> <p>2=Occasionally</p> <p>3=Frequently</p> <p>Services: Study skills advising</p> <p>Services: Financial aid advising</p> <p>Services: Student health services</p> <p>Services: Student psychological services</p> <p>Services: Writing center</p> <p>Services: Disability resource center</p> <p>Services: Career services</p> <p>Services: Academic advising</p> <p>Services: Campus safety services (Safe Walk, Public Safety/Police Dept., etc.)</p>

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	MAJOR (cont)	32=Management 33=Computer/Management Information Systems 34=Real Estate 35=Other Business 36=Elementary Education 37=Music/Art Education 38=Physical Education/Recreation 39=Secondary Education 40=Special Education 41=Other Education 42=Aerospace/Aeronautical/Astronautical Engineering 43=Biological/Agricultural Engineering 44=Biomedical Engineering 45=Chemical Engineering 46=Civil Engineering 47=Computer Engineering 48=Electrical/Electronic Communications Engineering 49=Engineering Science/Engineering Physics 50=Environmental/Environmental Health Engineering 51=Industrial/Manufacturing Engineering 52=Materials Engineering 53=Mechanical Engineering 54=Other Engineering 55=Clinical Laboratory Science 56=Health Care Administration/Studies 57=Health Technology 58=Kinesiology 59=Nursing 60=Pharmacy 61=Therapy (occupational, physical, speech) 62=Other Health Profession 63=Computer Science 64=Mathematics/Statistics 65=Other Math and Computer Science 66=Astronomy & Astrophysics 67=Atmospheric Sciences 68=Chemistry 69=Earth & Planetary Sciences 70=Marine Sciences 71=Physics 72=Other Physical Science 73=Anthropology 74=Economics 75=Ethnic/Cultural Studies 76=Geography 77=Political Science (gov't., international relations) 78=Psychology 79=Public Policy 80=Social Work 81=Sociology 82=Women's/Gender Studies 83=Other Social Sciences 84=Architecture/Urban Planning 85=Criminal Justice 86=Library Science 87=Security & Protective Services 88=Military Sciences/Technology/Operations 89=Other 90=Undecided

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35	<p>SCIASSOC01 SCIASSOC02 SCIASSOC03 SCIASSOC04</p>	<p>To what extent are the following statements true to you: (Mark <u>one</u> in each row)</p> <p>1=Strongly Disagree 2=Disagree Somewhat 3=Neutral 4=Agree Somewhat 5=Strongly Agree</p> <p>Associations: I have a strong sense of belonging to a community of scientists Associations: I derive great personal satisfaction from working Associations: I think of myself as a scientist Associations: I feel like I belong in the field of science</p>
36	<p>SCISKILLS01 SCISKILLS02 SCISKILLS03 SCISKILLS04 SCISKILLS05 SCISKILLS06 SCISKILLS07 SCISKILLS08 SCISKILLS09 SCISKILLS10</p>	<p>How confident are you that you can: (Mark <u>one</u> in each row)</p> <p>1= No at All 2= Somewhat 3= Moderately 4= Very 5= Absolutely</p> <p>Skills: Use technical science skills (use of tools, instruments, and/or techniques) Skills: Generate a research question Skills: Determine how to collect appropriate data Skills: Explain the results of a study Skills: Use scientific literature to guide research Skills: Integrate results from multiple studies Skills: Ask relevant questions Skills: Identify what is known and not known about a problem Skills: Understand scientific concepts Skills: See connections between different areas of science and mathematics</p>
37	SCICAREER	<p>Will you pursue a science-related research career?</p> <p>1=Definitely no 2=Probably no 3=Uncertain 4=Probably yes 5=Definitely yes</p>
38	TRANSFER	<p>Did you transfer to this institution from another college/university?</p> <p>1=No 2=Yes</p>
39	NATENGSP	<p>Is English your primary language?</p> <p>1=No 2=Yes</p>
40	<p>SUMMPAN01 SUMMPAN02 SUMMPAN03 SUMMPAN04 SUMMPAN05 SUMMPAN06</p>	<p>Do you plan to do any of the following this summer?</p> <p>1=No 2=Yes</p> <p>Summer Plan: Take courses at this institution Summer Plan: Take courses at another institution Summer Plan: Work for pay Summer Plan: Perform volunteer work Summer Plan: Participate in an internship Summer Plan: Travel</p>



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		Optional Questions 1=A 2=B 3=C 4=D 5=E
41	OPTQ01	Optional Question 1
42	OPTQ02	Optional Question 2
43	OPTQ03	Optional Question 3
44	OPTQ04	Optional Question 4
45	OPTQ05	Optional Question 5
46	OPTQ06	Optional Question 6
47	OPTQ07	Optional Question 7
48	OPTQ08	Optional Question 8
49	OPTQ09	Optional Question 9
50	OPTQ10	Optional Question 10
51	OPTQ11	Optional Question 11
52	OPTQ12	Optional Question 12
53	OPTQ13	Optional Question 13
54	OPTQ14	Optional Question 14
55	OPTQ15	Optional Question 15
56	OPTQ16	Optional Question 16
57	OPTQ17	Optional Question 17
58	OPTQ18	Optional Question 18
59	OPTQ19	Optional Question 19
60	OPTQ20	Optional Question 20
Your First College Year Survey - Web-only Survey Items - Retention Modal (if CURRENROLL= 1)		
	CURRENROLL	For Spring 2017, were you still enrolled at [this institution]? 1=No 2=Yes
	CLASS_OTH	In Spring 2017, did you take classes at a different college/university? 1=No 2=Yes
	ENRLSTAT_OTH	Which of the following best describes your situation in Spring 2017? 1=Enrolled part-time in a two-year college/university 2=Enrolled full-time in a two-year college/university 3=Enrolled part-time in a four-year college/university 4=Enrolled full-time in a four-year college/university
	STATUS01_OTH STATUS02_OTH STATUS03_OTH STATUS04_OTH STATUS05_OTH STATUS06_OTH STATUS07_OTH STATUS08_OTH STATUS09_OTH	Did you do any of the following in the Spring of 2017? 1=Not marked 2=Marked Spring Status: Worked for pay full-time Spring Status: Worked for pay part-time Spring Status: Volunteered full-time Spring Status: Volunteered part-time Spring Status: Looked for work but did not find a job Spring Status: Sought medical attention Spring Status: Traveled Spring Status: Stayed at home to be with or start a family Spring Status: None of the above

Q#	Variable Name	Variable Description
		<p>Indicate the importance to you personally of each of the following reasons for leaving:</p> <p>1=Not at all important 2=Somewhat important 3=Very important</p>
	ACADEMIC01_LV	Leave Academic: I was placed on academic probation/suspension/expulsion
	ACADEMIC02_LV	Leave Academic: I was dissatisfied with grades
	ACADEMIC03_LV	Leave Academic: I was not challenged academically
	ACADEMIC04_LV	Leave Academic: I felt the courses were too difficult
	ACADEMIC05_LV	Leave Academic: My preferred major was not offered
	ACADEMIC06_LV	Leave Academic: There were too many required courses
	COMMUNITY01_LV	Leave Community: I did not feel a sense of belonging to the campus
	COMMUNITY02_LV	Leave Community: There is a lot of tension on campus (e.g., racial/ethnic, sexual orientation, gender)
	COMMUNITY03_LV	Leave Community: The location of the college was not right for me
	COMMUNITY04_LV	Leave Community: The size of the college was not right for me
	COMMUNITY05_LV	Leave Community: I was dissatisfied with the institution's social/cultural opportunities
	PERSONAL01_LV	Leave Personal: I did not feel ready for college
	PERSONAL02_LV	Leave Personal: I experienced health problems
	PERSONAL03_LV	Leave Personal: I did not feel welcome due to my race/ethnicity
	PERSONAL04_LV	Leave Personal: I did not feel welcome due to my sexual orientation
	PERSONAL05_LV	Leave Personal: I did not feel welcome due to my gender
	PERSONAL06_LV	Leave Personal: I had a family crisis
	PERSONAL07_LV	Leave Personal: I had always intended to transfer
	PERSONAL08_LV	Leave Personal: I felt lonely or homesick
	PERSONAL09_LV	Leave Personal: I wanted to be closer to home
	FINANCIAL01_LV	Leave Financial: I felt my financial aid was inadequate
	FINANCIAL02_LV	Leave Financial: I could not afford to continue to attend
	FINANCIAL03_LV	Leave Financial: I encountered unexpected expenses
	FINANCIAL04_LV	Leave Financial: I needed to make more money
	FINANCIAL05_LV	Leave Financial: I could not find a job to help pay for college
	JOB01_LV	Leave Job: It was too difficult to balance having a job and going to college
	JOB02_LV	Leave Job: I wanted work experience
	JOB03_LV	Leave Job: I wanted to start or focus on my own business
	JOB04_LV	Leave Job: I felt a degree was not necessary for employment
	RETURN	<p>Do you plan to return to the institution where you started college in fall 2016?</p> <p>1=No 2=Yes</p>
		<p>What do you plan to be doing in Fall of 2017?</p> <p>1=Not marked 2=Marked</p>
	FALLPLAN01	Fall Plan: Attending a four-year college/university full-time
	FALLPLAN02	Fall Plan: Attending a four-year college/university part-time
	FALLPLAN03	Fall Plan: Attending a two-year college/university full-time
	FALLPLAN04	Fall Plan: Attending a two-year college/university part-time
	FALLPLAN05	Fall Plan: Working for pay full-time
	FALLPLAN06	Fall Plan: Working for pay part-time
	FALLPLAN07	Fall Plan: Volunteering
	FALLPLAN08	Fall Plan: Looking for work
	FALLPLAN09	Fall Plan: Receiving medical treatments
	FALLPLAN10	Fall Plan: Traveling
	FALLPLAN11	Fall Plan: Staying at home to be with or start a family
	FALLPLAN12	Fall Plan: I have no plans for Fall 2017
	FALLPLAN13	Fall Plan: None of the above
Your First College Year Survey - Derived Variables		
	RRACE	<p>Responded to race</p> <p>1=No 2=Yes</p>
	SURVTYPE	<p>Type of survey returned</p> <p>1=Paper 2=Web</p>

Q#	Variable Name	Variable Description
CIRP Freshman Survey - Matched Responses		
	TFSFLAG	In TFS File 1=No 2=Yes
	MATCHLEVEL	Type of Match 1=Student ID, DOB 2=Student ID, Full Name 3=Student ID 4=Full name, DOB 5=Email 6=Full name 7=First two initial of first name, last name, DOB 8=Last name, DOB 9=First two initial of first name, last name, gender 10=No match
	ACE_TFS SUBJID_TFS STUID_TFS	College I.D. Subject I.D. Student I.D. as entered on form
	GRPA_TFS GRPB_TFS	Group Code A Group Code B
	SEX_TFS	Your sex: 1 = Male 2 = Female
	NATENGSP_TFS	Is English your primary language? 1 = No 2 = Yes
	YRGRADHS_TFS	In what year did you graduate from high school? 1=2016 2=2015 3=2014 4=2013 or earlier 5=Did not graduate but passed G.E.D. test 6=Never completed high school
	FULLSTAT_TFS	Are you enrolled (or enrolling) as a: 1 = Part-time student 2 = Full-time student
	DISTHOME_TFS	How many miles is this college from your permanent home? 1 = 5 or less 2 = 6 to 10 3 = 11 to 50 4 = 51 to 100 5 = 101 to 500 6 = Over 500
	HSGPA_TFS	What was your average grade in high school? 1 = D 2 = C 3 = C+ 4 = B- 5 = B 6 = B+ 7 = A- 8 = A or A+
	SATV_TFS SATM_TFS ACTCOMP_TFS	What were your scores on the SAT I and/or ACT? SAT Reading and Writing SAT Mathematics ACT Composite
	PLANLIVE_TFS	Where do you plan to live during the fall term? 1=With my family or other relatives 2=Other private home, apartment, or room 3=College residence hall 4=Fraternity or sorority house 5=Other campus student housing 6=Other

Q#	Variable Name	Variable Description
	HNAME_TFS HSCITY_TFS HSSTATE_TFS	From what high school did you graduate? Name of high school City State
	RACE1_TFS RACE2_TFS RACE3_TFS RACE4_TFS RACE5_TFS RACE6_TFS RACE7_TFS RACE8_TFS RACE9_TFS RACE10_TFS RACE11_TFS RACE12_TFS RACE13_TFS	Are you: (Mark <u>all</u> that apply) 1=Not marked 2=Marked White/Caucasian African American/Black American Indian/Alaska Native East Asian (e.g., Chinese, Japanese, Korean, Taiwanese) Filipino Southeast Asian (e.g., Cambodian, Vietnamese, Hmong) South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan) Other Asian Native Hawaiian/Pacific Islander Mexican American/Chicano Puerto Rican Other Latino Other
	PREVCRED_TFS	Prior to this term, have you ever taken courses for credit at <u>this</u> institution? 1=No 2=Yes
	OTHRCOLL_TFS	Since leaving high school, have you ever taken courses, whether for credit or not for credit, at <u>any other</u> institution (university, 4- or 2-year college, technical, vocational, or business school)? 1=No 2=Yes
	NUMAPPLY_TFS	To how many colleges other than this one did you apply for admission this year? 1=None 2=One 3=Two 4=Three 5=Four 6=Five 7=Six 8=Seven to eight 9=Nine to ten 10=Eleven or more
	ACCPY1ST_TFS	Were you accepted by your first choice college? 1=No 2=Yes
	CHOICE_TFS	Choice: Is this college your: 1=Less than third choice 2=Third choice 3=Second choice 4=First choice
	CITIZEN_TFS	Citizenship status: 1=None of the above 2=International student (F-1, J-1, or M-1 visa) 3=Permanent resident (green card) 4=U.S. citizen
	MATH1_TFS MATH2_TFS MATH3_TFS MATH4_TFS MATH5_TFS MATH6_TFS MATH7_TFS	Please mark which of the following courses you have completed: 1=No 2=Yes Math Courses Completed: Algebra II Math Courses Completed: Pre-calculus/Trigonometry Math Courses Completed: Probability and Statistics Math Courses Completed: Calculus Math Courses Completed: AP Probability and Statistics Math Courses Completed: AP Calculus Math Courses Completed: AP Computer Science A

Q#	Variable Name	Variable Description
	SUMBRIDGE_TFS	How many weeks this summer did you participate in a bridge program at this institution? 1=Zero 2=One to two 3=Three to four 4=Five to six 5=Seven or more (7+)
	YRSTUDY1_TFS YRSTUDY2_TFS YRSTUDY3_TFS YRSTUDY4_TFS YRSTUDY5_TFS YRSTUDY6_TFS YRSTUDY7_TFS	During high school (grades 9-12) how many years did you study each of the following subjects? 1=None 2=1/2 3=One 4=Two 5=Three 6=Four 7=Five or more Mathematics Foreign Language Physical Science Biological Science History/ Am. Gov't Computer Science Arts and/or Music
	APCOURSE_TFS IBCOURSE_TFS	How many Advanced Placement/International Baccalaureate courses did you take in high school? 1=Not offered at my high school 2=None 3=1 to 4 4=5 to 9 5=10 to 14 6=15+ AP Courses taken during high school IB Courses taken during high school
	PARSEX1_TFS PARSEX2_TFS	Please mark the sex of your parent(s) or guardian(s). 1=Male 2=Female Parent/Guardian 1 Parent/Guardian 2
	FOSTERCARE_TFS	At any time since you turned 13, were you in foster care or were you a dependent of the court? 1=No 2=Yes 3=I don't know
	PREMED_TFS PRELAW_TFS	Do you consider yourself Pre-Med Do you consider yourself Pre-Law 1=No 2=Yes
	MAJOR_TFS	Student's probable field of study/major 1=Art, fine and applied 2=English (language and literature) 3=History 4=Journalism/Communication 5=Classical and Modern Languages and Literature (except English) 6=Media/Film Studies 7=Music 8=Philosophy 9=Theatre/Drama 10=Theology/Religion 11=Other Arts and Humanities 12=Biology (general) 13=Animal Biology (zoology) 14=Ecology & Evolutionary Biology 15=Marine Biology 16=Microbiology 17=Molecular, Cellular & Developmental Biology 18=Neurobiology/Neuroscience 19=Plant Biology (botany) 20=Agriculture/Natural Resources 21=Biochemistry/Biophysics 22=Environmental Science

Q#	Variable Name	Variable Description
		23=Other Biological Science
		24=Accounting
		25=Business Admin. (general)
		26=Entrepreneurship
		27=Finance
		28=Hospitality/Tourism
		29=Human Resources Management
		30=International Business
		31=Marketing
		32=Management
		33=Computer/Management Information Systems
		34=Real Estate
		35=Other Business
		36=Elementary Education
		37=Music/Art Education
		38=Physical Education/Recreation
		39=Secondary Education
		40=Special Education
		41=Other Education
		42=Aerospace/Aeronautical/Astronautical Engineering
		43=Biological/Agricultural Engineering
		44=Biomedical Engineering
		45=Chemical Engineering
		46=Civil Engineering
		47=Computer Engineering
		48=Electrical/Electronic Communications Engineering
		49=Engineering Science/Engineering Physics
		50=Environmental/Environmental Health Engineering
		51=Industrial/Manufacturing Engineering
		52=Materials Engineering
		53=Mechanical Engineering
		54=Other Engineering
		55=Clinical Laboratory Science
		56=Health Care Administration/Studies
		57=Health Technology
		58=Kinesiology
		59=Nursing
		60=Pharmacy
		61=Therapy (occupational, physical, speech)
		62=Other Health Profession
		63=Computer Science
		64=Mathematics/Statistics
		65=Other Math and Computer Science
		66=Astronomy & Astrophysics
		67=Atmospheric Sciences
		68=Chemistry
		69=Earth & Planetary Sciences
		70=Marine Sciences
		71=Physics
		72=Other Physical Science
		73=Anthropology
		74=Economics
		75=Ethnic/Cultural Studies
		76=Geography
		77=Political Science (gov't., international relations)
		78=Psychology
		79=Public Policy
		80=Social Work
		81=Sociology
		82=Women's/Gender Studies
		83=Other Social Sciences
		84=Architecture/Urban Planning
		85=Criminal Justice
		86=Library Science
		87=Security & Protective Services
		88=Military Sciences/Technology/Operations

Q#	Variable Name	Variable Description
		89=Other 90=Undecided
	SCAREER_TFS PCAREER1_TFS PCAREER2_TFS	Please indicate your intended career as well as the careers of your parents/guardians. Student Probable Career Parent/Guardian 1 Career Parent/Guardian 2 Career 1=Actor or Entertainer 2=Artist 3=Graphic Designer 4=Musician 5=Writer/Producer/Director 6=Farmer or Forester 7=Natural Resource Specialist/Environmentalist 8=Accountant 9=Administrative Assistant 10=Business Manager/Executive 11=Business Owner/Entrepreneur 12=Retail Sales 13=Sales/Marketing 14=Human Resources 15=Finance (e.g., Actuary, Banking, Loan Officer, Planner) 16=Management Consultant 17=Real Estate Agent/Realtor/Appraiser/Developer 18=Sports Management 19=Journalist 20=Public/Media Relations 21=Advertising 22=College Administrator/Staff 23=College Faculty 24=Early Childcare Provider 25=Elementary School Teacher 26=Secondary School Teacher in Science, Technology, Engineering, or Math (STEM) 27=Secondary School Teacher in a non-STEM subject 28=Librarian 29=Teacher's Assistant/Paraprofessional 30=K-12 Administrator 31=Other K-12 Professional 32=Military 33=Federal/State/Local Government Official 34=Protective Services (e.g., Homeland Security, Law Enforcement, Firefighter) 35=Postal Worker 36=Dietician/Nutritionist 37=Home Health Worker 38=Medical/Dental Assistant (e.g. Hygienist, Lab Tech, Nursing Asst.) 39=Registered Nurse 40=Therapist (e.g., Physical, Occupational, Speech) 41=Computer Programmer/Developer 42=Computer/Systems Analyst 43=Web Designer 44=Lawyer/Judge 45=Paralegal 46=Clinical Psychologist 47=Dentist/Orthodontist 48=Medical Doctor/Surgeon 49=Optometrist 50=Pharmacist 51=Veterinarian 52=Engineer 53=Research Scientist (e.g., Biologist, Chemist, Physicist) 54=Urban Planner/Architect 55=Custodian/Janitor/Housekeeper 56=Food Service (e.g., Chef/Cook, Server) 57=Hair Stylist/Aesthetician/Manicurist 58=Interior Designer 59=Skilled Trades (e.g., Plumber, Electrician, Construction) 60=Social/Non-Profit Services

Q#	Variable Name	Variable Description
		61=Clergy 62=Homemaker/Stay at Home Parent 63=Other 64=Undecided
	PEMPLOY1_TFS PEMPLOY2_TFS	Parent/Guardian 1 Employment Status Parent/Guardian 2 Employment Status 1=Employed 2=Seasonally Employed 3=Unemployed 4=Retired
	AID1_TFS AID2_TFS AID3_TFS AID4_TFS	How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below? 1=None 2=\$1 - \$2,999 3=\$3,000 - \$5,999 4=\$6,000 - \$9,999 5=\$10,000 - \$14,999 6=\$15,000 + Aid: Family resources (parents, relatives, spouse, etc.) Aid: My own resources (savings from work, work-study, other income) Aid: Aid which need not be repaid (grants, scholarships, military funding, etc.) Aid: Aid which must be repaid (loans, etc.)
	AIDTYPE1_TFS AIDTYPE2_TFS AIDTYPE3_TFS AIDTYPE4_TFS AIDTYPE5_TFS	Did you receive any of the following forms of financial aid? 1=No 2=Yes Military grants Work-study Pell Grant Need-based grants or scholarships Merit-based grants or scholarships
	INCOME_TFS	What is your best estimate of your parents'/guardians' total income last year? 1=Less than \$15,000 2=\$15,000 to 24,999 3=\$25,000 to 29,999 4=\$30,000 to 59,999 5=\$60,000 to 74,999 6=\$75,000 to 99,999 7=\$100,000 to 124,999 8=\$125,000 to 149,999 9=\$150,000 to 199,999 10=\$200,000 to 249,999 11=\$250,000 to 499,999 12=\$500,000 or higher
	NDEPPAR_TFS	Please select how many individuals in your household (including yourself) are dependent on your parent(s)/guardian(s) for financial support. (Mark <u>one</u>) 1=I am not dependent on my parent(s)/guardian(s) 2=One 3=Two 4=Three 5=Four 6=Five 7=Six or more
	FINCON_TFS	Do you have any concern about your ability to finance your college education? 1=None (I am confident that I will have sufficient funds) 2=Some (but I probably will have enough funds) 3=Major (not sure I will have enough funds to complete college)

Q#	Variable Name	Variable Description
	SRELIGION_TFS PRELIG1_TFS PRELIG2_TFS	Student's religion Parent/Guardian 1 religion Parent/Guardian 2 religion 1=Agnostic 2=Atheist 3=Baptist 4=Buddhist 5=Church of Christ 6=Eastern Orthodox 7=Episcopalian 8=Hindu 9=Jewish 10=LDS (Mormon) 11=Lutheran 12=Methodist 13=Muslim 14=Presbyterian 15=Quaker 16=Roman Catholic 17=Seventh-day Adventist 18=United Church of Christ/Congregational 19=Other Christian 20=Other Religion 21=None
	DEGASP_TFS HIDEGREE_TFS	Highest academic degree planned Highest academic degree planned at this college 1=None 2=Vocational certificate 3=Associate (A.A. or equivalent) 4=Bachelor's degree (B.A., B.S., B.D., etc.) 5=Master's degree (M.A., M.S., M.B.A., etc.) 6=J.D. (Law) 7=M.D., D.D.S., D.V.M., etc. (Medical) 8=Ph.D. 9=Professional Doctorate (Ed.D., Psy.D., etc.) 10=Other
	ACT01_TFS ACT02_TFS ACT03_TFS ACT04_TFS ACT05_TFS ACT06_TFS ACT07_TFS ACT08_TFS ACT09_TFS ACT10_TFS ACT11_TFS ACT12_TFS ACT13_TFS ACT14_TFS ACT15_TFS ACT16_TFS ACT17_TFS ACT18_TFS ACT19_TFS ACT20_TFS ACT21_TFS ACT22_TFS	Indicate which activities you did during the past year: 1=Not at All 2=Occasionally 3=Frequently Act in Past Year: Attended a religious service Act in Past Year: Been bored in class Act in Past Year: Demonstrated for a cause (e.g., boycott, rally, protest) Act in Past Year: Tutored another student Act in Past Year: Studied with other students Act in Past Year: Consumed beer Act in Past Year: Consumed wine or liquor Act in Past Year: Felt overwhelmed by all I had to do Act in Past Year: Felt depressed Act in Past Year: Performed volunteer work Act in Past Year: Asked a teacher for advice after class Act in Past Year: Voted in a student election Act in Past Year: Socialized with someone of another racial/ethnic group Act in Past Year: Been late to class Act in Past Year: Discussed religion Act in Past Year: Discussed politics Act in Past Year: Skipped school/class Act in Past Year: Publicly communicated my opinion about a cause (e.g., blog, email, petition) Act in Past Year: Helped raise money for a cause or campaign Act in Past Year: Fallen asleep in class Act in Past Year: Failed to complete homework on time Act in Past Year: Felt Anxious

Q#	Variable Name	Variable Description
	DIVRATE1_TFS DIVRATE2_TFS DIVRATE3_TFS DIVRATE4_TFS DIVRATE5_TFS DIVRATE6_TFS DIVRATE7_TFS	How would you rate yourself in the following areas: 1=A Major Weakness 2=Somewhat Weak 3=Average 4=Somewhat Strong 5=A Major Strength Diversity Rating: Ability to see the world from someone else's perspective Diversity Rating: Tolerance of others with different beliefs Diversity Rating: Openness to having my own views challenged Diversity Rating: Ability to discuss and negotiate controversial issues Diversity Rating: Ability to work cooperatively with diverse people Diversity Rating: Critical thinking skills Diversity Rating: Ability to manage your time effectively
	PAREduc1_TFS PAREduc2_TFS	What is the highest level of formal education obtained by your parents? Parent/Guardian 1 Education Parent/Guardian 2 Education 1=Junior high/Middle school or less 2=Some high school 3=High school graduate 4=Postsecondary school other than college 5=Some college 6=College degree 7=Some graduate school 8=Graduate degree
	MNDHAB01_TFS MNDHAB02_TFS MNDHAB03_TFS MNDHAB04_TFS MNDHAB05_TFS MNDHAB06_TFS MNDHAB07_TFS MNDHAB08_TFS MNDHAB09_TFS MNDHAB10_TFS MNDHAB11_TFS	How often in the past year did you? 1=Not at All 2=Occasionally 3=Frequently Habits of Mind: Ask questions in class Habits of Mind: Support your opinions with a logical argument Habits of Mind: Seek solutions to problems and explain them to others Habits of Mind: Evaluate the quality or reliability of information you received Habits of Mind: Take a risk because you feel you have more to gain Habits of Mind: Seek alternative solutions to a problem Habits of Mind: Look up scientific research articles and resources Habits of Mind: Explore topics on your own, even though it was not required for a class Habits of Mind: Accept mistakes as part of the learning process Habits of Mind: Analyze multiple sources of information before coming to a conclusion Habits of Mind: Take on a challenge that scares you
	SCISKILL01_TFS SCISKILL02_TFS SCISKILL03_TFS SCISKILL04_TFS SCISKILL05_TFS SCISKILL06_TFS SCISKILL07_TFS SCISKILL08_TFS SCISKILL09_TFS SCISKILL10_TFS	How confident are you that you can: 1=Not at All 2=Somewhat 3=Moderately 4=Very 5=Absolutely Science Skill: Use technical science skills (use of tools, instruments, and/or techniques) Science Skill: Generate a research question Science Skill: Determine how to collect appropriate data Science Skill: Explain the results of a study Science Skill: Use scientific literature to guide research Science Skill: Integrate results from multiple studies Science Skill: Ask relevant questions Science Skill: Identify what is known and not known about a problem Science Skill: Understand scientific concepts Science Skill: See connections between different areas of science and mathematics
	POLVIEW_TFS	How would you characterize your political views? 1=Far right 2=Conservative 3=Middle-of-the-road 4=Liberal 5=Far left

Q#	Variable Name	Variable Description
	REASON01_TFS REASON02_TFS REASON03_TFS REASON04_TFS REASON05_TFS REASON06_TFS REASON07_TFS REASON08_TFS	In deciding to go to college, how important to you was each of the following reasons? 1=Not Important 2=Somewhat Important 3=Very Important Reason Attend: To be able to get a better job Reason Attend: To gain a general education and appreciation of ideas Reason Attend: To make me a more cultured person Reason Attend: To be able to make more money Reason Attend: To learn more about things that interest me Reason Attend: To get training for a specific career Reason Attend: To prepare myself for graduate or professional school Reason Attend: To please my family
	RATE01_TFS RATE02_TFS RATE03_TFS RATE04_TFS RATE05_TFS RATE06_TFS RATE07_TFS RATE08_TFS RATE09_TFS RATE10_TFS RATE11_TFS RATE12_TFS RATE13_TFS RATE14_TFS RATE15_TFS RATE16_TFS	Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself. 1=Lowest 10% 2=Below Average 3=Average 4=Above Average 5=Highest 10% Self Rating: Academic ability Self Rating: Artistic ability Self Rating: Compassion Self Rating: Creativity Self Rating: Drive to achieve Self Rating: Emotional health Self Rating: Leadership ability Self Rating: Mathematical ability Self Rating: Physical health Self Rating: Public speaking ability Self Raing: Risk-taking Self Rating: Self-confidence (intellectual) Self Rating: Self-confidence (social) Self Rating: Spirituality Self Rating: Understanding of others Self Rating: Writing ability
	VIEW01_TFS VIEW02_TFS VIEW03_TFS VIEW04_TFS VIEW05_TFS VIEW06_TFS VIEW07_TFS VIEW08_TFS	Mark one in each row: 1=Strongly Disagree 2=Somewhat Disagree 3=Agree Somewhat 4=Strongly Agree Wealthy people should pay a larger share of taxes than they do now Addressing global climate change should be a federal priority The federal government should have stricter gun control laws Affirmative action in college admissions should be abolished The federal government should raise taxes to reduce the deficit Sexual activity that occurs without the presence of explicit, affirmative consent (i.e., "yes means yes") is considered sexual assault There is little that a person can do to be better at math - you are either "good" or "bad" at math Intelligence is something that can be improved by studying or working harder

Q#	Variable Name	Variable Description
	CHOOSE01_TFS CHOOSE02_TFS CHOOSE03_TFS CHOOSE04_TFS CHOOSE05_TFS CHOOSE06_TFS CHOOSE07_TFS CHOOSE08_TFS CHOOSE09_TFS CHOOSE10_TFS CHOOSE11_TFS CHOOSE12_TFS CHOOSE13_TFS CHOOSE14_TFS CHOOSE15_TFS CHOOSE16_TFS CHOOSE17_TFS CHOOSE18_TFS CHOOSE19_TFS	<p>Below are some reasons that might have influenced your decision to attend this particular college. How important was each reason in your decision to come here?</p> <p>1=Not Important 2=Somewhat Important 3=Very Important</p> <p>Choose to Attend: My parents/relatives wanted me to come here Choose to Attend: My teacher advised me Choose to Attend: This college has a very good academic reputation Choose to Attend: This college has a good reputation for its social and extracurricular activities Choose to Attend: I was offered financial assistance Choose to Attend: The cost of attending this college Choose to Attend: High school counselor advised me Choose to Attend: Private college counselor advised me Choose to Attend: I wanted to live near home Choose to Attend: Not offered aid by first choice Choose to Attend: Could not afford first choice Choose to Attend: This college's graduates gain admission to top graduate/professional schools Choose to Attend: This college's graduates get good jobs Choose to Attend: I was attracted by the religious affiliation/orientation of this college Choose to Attend: I wanted to go to a school about the size of this college Choose to Attend: Rankings in national magazines Choose to Attend: I was admitted through an Early Action or Early Decision program Choose to Attend: A visit to this campus Choose to Attend: This college's graduates make a difference in the world</p>
	HPW01_TFS HPW02_TFS HPW03_TFS HPW04_TFS HPW05_TFS HPW06_TFS HPW07_TFS HPW08_TFS	<p>During your last year in high school, how much time did you spend during a typical week doing the following activities?</p> <p>1=None 2=Less than one hour 3=1 to 2 hours 4=3 to 5 hours 5=6 to 10 hours 6=11 to 15 hours 7=16 to 20 hours 8=Over 20 hours</p> <p>Hours per Week: Studying/homework Hours per Week: Socializing with friends in person Hours per Week: Online social networks (Facebook, Twitter, etc.) Hours per Week: Partying Hours per Week: Student clubs/groups Hours per Week: Exercise or sports Hours per Week: Working (for pay) Hours per Week: Household/childcare duties</p>
	MILITARY_TFS	<p>Military Status:</p> <p>1=None 2=ROTC, cadet, or midshipman at a service academy 3=In the Reserves or National Guard 4=On Active Duty 4=A discharged veteran NOT serving on Active Duty, in Reserves, or in National Guard</p>
	EXPGRAD_TFS	<p>How many years do you expect it will take you to graduate from this college?</p> <p>1=One 2=Two 3=Three 4=Four 5=Five 6=Six or more 7=I do not plan to graduate from this college</p>
	LGBTQIDEN_TFS	<p>What is your sexual orientation?</p> <p>1=Heterosexual/Straight 2=Gay 3=Lesbian 4=Bisexual 5=Queer 6=Other</p>

Q#	Variable Name	Variable Description
	TRANSGENDER_TFS	Do you identify as transgender? 1=No 2=Yes
	DISAB1_TFS DISAB2_TFS DISAB3_TFS DISAB4_TFS DISAB5_TFS DISAB6_TFS DISAB7_TFS	Do you have any of the following disabilities or medical conditions? 1=No 2=Yes Learning disability (dyslexia, etc.) Attention deficit hyperactivity disorder (ADHD) Autism spectrum disorder Physical disability (speech, sight, mobility, hearing, etc.) Chronic illness (cancer, diabetes, autoimmune disorders, etc.) Psychological disorder (depression, etc.) Other
	SCICAREER_TFS	Will you pursue a science-related research career? 1=Uncertain 2=Definitely no 3=Probably no 4=Probably yes 5=Definitely yes
	SCIASSOC01_TFS SCIASSOC02_TFS SCIASSOC03_TFS SCIASSOC04_TFS	To what extent are the following statements true of you: 1=Strongly Disagree 2=Disagree Somewhat 3=Neutral 4=Agree Somewhat 5=Strongly Agree I have a strong sense of belonging to a community of scientists I derive great personal satisfaction from working on a team that is doing important research I think of myself as a scientist I feel like I belong in the field of science
	GOAL01_TFS GOAL02_TFS GOAL03_TFS GOAL04_TFS GOAL05_TFS GOAL06_TFS GOAL07_TFS GOAL08_TFS GOAL09_TFS GOAL10_TFS GOAL11_TFS GOAL12_TFS GOAL13_TFS GOAL14_TFS GOAL15_TFS GOAL16_TFS GOAL17_TFS GOAL18_TFS GOAL19_TFS GOAL20_TFS	Please indicate the importance to you personally of: 1=Not Important 2=Somewhat Important 3=Very Important 4=Essential Becoming accomplished in one of the performing arts (acting, dancing, etc.) Becoming an authority in my field Obtaining recognition from my colleagues for contributions to my special field Influencing the political structure Influencing social values Raising a family Being very well off financially Helping others who are in difficulty Making a theoretical contribution to science Writing original works (poems, novels, etc.) Creating artistic works (painting, sculpture, etc.) Becoming successful in a business of my own Becoming involved in programs to clean up the environment Developing a meaningful philosophy of life Participating in a community action program Helping to promote racial understanding Keeping up to date with political affairs Becoming a community leader Improving my understanding of other countries and cultures Integrating spirituality into my life

Q#	Variable Name	Variable Description
	FUTACT01_TFS FUTACT02_TFS FUTACT03_TFS FUTACT04_TFS FUTACT05_TFS FUTACT06_TFS FUTACT07_TFS FUTACT08_TFS FUTACT09_TFS FUTACT10_TFS FUTACT11_TFS FUTACT12_TFS FUTACT13_TFS FUTACT14_TFS FUTACT15_TFS FUTACT16_TFS FUTACT17_TFS	What is your best guess as to the chances that you will 1=No Chance 2=Very Little Chance 3=Some Chance 4=Very Good Chance Future Act: Change major field Future Act: Change career choice Future Act: Participate in student government Future Act: Get a job to help pay for college expenses Future Act: Join a social fraternity or sorority Future Act: Transfer to another college before graduating Future Act: Participate in volunteer or community service work Future Act: Seek personal counseling Future Act: Communicate regularly with your professors Future Act: Participate in student clubs/groups Future Act: Participate in a study abroad program Future Act: Work on a professor's research project Future Act: Get tutoring help in specific courses Future Act: Take courses from more than one college simultaneously Future Act: Take a leave of absence from this college temporarily Future Act: Take a course exclusively online Future Act: Vote in a local, state, or national election
TFS - Derived Variables		
	SURVTYPE_TFS	Survey Type 1=Paper 2=Web
	DOBMM_TFS DOBYT_TFS	DOB Month DOB Year
	RRACE_TFS	Responded to race 1=No 2=Yes
	RACEGROUP_TFS	Race/Ethnicity Group 1=American Indian 2=Asian 3=Black 4=Hispanic 5=White 6=Other 7=Two or more race/ethnicity
	FIRSTGEN_TFS	First generation status based on parent(s) with less than 'some college' 1=No 2=Yes
	SEXIMP_TFS	Sex imputed 1 = No 2 = Yes

Q#	Variable Name	Variable Description
	MAJORA_TFS	Student's major aggregated 1=Agriculture 2=Biological Sciences 3=Business 4=Education 5=Engineering 6=English 7=Health Professional 8=History or Political Science 9=Humanities 10=Fine Arts 11=Mathematics or Statistics 12=Physical Sciences 13=Social Sciences 14=Other Technical 15=Other Non-technical 16=Undecided
	SCAREERA_TFS FCAREERA_TFS MCAREERA_TFS	Student's probable career aggregated Father's career aggregated Mother's career aggregated 1=Agriculture/Nature Resources 2=Artist 3=Business 4=Business (Admin Assistant) 5=Clergy 6=College Faculty 7=Communications 8=Doctor (MS or DDS) 9=Education (elementary/secondary) 10=Engineer 11=Government 12=Health professional 13=Homemaker/Stay-at-Home Parent 14=Information Technology professional 15=Lawyer 16=Military 17=Nurse 18=Research Scientist 19=Service Industry 20=Skilled worker 21=Social/Non-Profit Services 22=Other 23=Undecided
	HOMESTATE_TFS HOMEZIP_TFS	Student's home state Student's home zip
	STUDSTAT_TFS	Student status 1=Full-time first-time freshman 2=Part-time freshman 3=Other
	NORMSTAT_TFS	Norms status 1=In norms 2=Not in norms
Institutional Characteristics		
	STRAT	CIRP Stratification Cell 1=Public Universities - low 2=Public Universities - medium 3=Public Universities - high 4=Private Universities - medium 5=Private Universities - high 6=Private Universities - very high 7=Public 4yr Colleges - low 8=Public 4yr Colleges - medium 9=Public 4yr Colleges - high 10=Public 4yr Colleges - unknown 11=Private/Nonsectarian 4yr Colleges - low 12=Private/Nonsectarian 4yr Colleges - medium

Q#	Variable Name	Variable Description
		13=Private/Nonsectarian 4yr Colleges - high 14=Private/Nonsectarian 4yr Colleges - very high 15=Private/Nonsectarian 4yr Colleges - unknown 16=Catholic 4yr Colleges - low 17=Catholic 4yr Colleges - medium 18=Catholic 4yr Colleges - high 19=Catholic 4yr Colleges - unknown 20=Other Religious 4yr Colleges - very low 21=Other Religious 4yr Colleges - low 22=Other Religious 4yr Colleges - medium 23=Other Religious 4yr Colleges - high 24=Other Religious 4yr Colleges - unknown 25=Public 2yr Colleges - very low 26=Public 2yr Colleges - low 27=Public 2yr Colleges - medium 28=Public 2yr Colleges - high 29=Public 2yr Colleges - very high 30=Private 2yr Colleges - very low 31=Private 2yr Colleges - low 32=Private 2yr Colleges - medium 33=Private 2yr Colleges - high 34=HBCU Public 4yr Colleges 35=HBCU Private 4yr Colleges 36=HBCU Public 2yr Colleges 37=HBCU Private 2yr Colleges 38=HBCU Other Religious 4yr Colleges 39=HBCU Catholic 4yr Colleges 40=HBCU Public Universities 41=HBCU Private Universities 99=Other
	STATE	Institution State
	HERIREG	HERI Region 1=East 2=Midwest 3=South 4=West
	OBEREG	OBE Region 1=New England - CT ME MA NH RI VT 2=Mid East - DE DC MD NJ NY PA 3=Great Lakes - IL IN MI OH WI 4=Plains - IA KS MN MO NE ND SD 5=Southeast - AL AR FL GA KY LA MS NC SC TN VA WV 6=Southwest - AZ NM OK TX 7=Rocky Mountains - CO ID MT UT WY 8=Far West - AK CA HI NV OR WA 9=Other
	HBCU	HBCU Flag 1=Not HBCU 2=Public HBCU 3=Private HBCU
	INSTSEX	Institution Sex 1=Male only 2=Female only 3=Co-ed 4=Coordinate
	SELECTIVITY	Institution Selectivity
	INSTTYPE	Institution Type 1=University 2=4-year 3=2-year

Q#	Variable Name	Variable Description
	INSTCONT	Institution Control 1=Public 2=Private
	COMPGROUP1	Comparison Group 1 1=Public Universities 2=Private Universities 3=Public 4yr Colleges 4=Private/Nonsectarian 4yr Colleges 5=Catholic 4yr Colleges 6=Other Religious 4yr Colleges 7=Public 2yr Colleges 8=Private 2yr Colleges
	COMPGROUP2	Comparison Group 2 1=Public/Private Universities, Public 4yr Colleges 2=Nonsectarian, Catholic, Other Religious 4yr Colleges 3=Public 2yr Colleges 4=Private 2yr Colleges
	COMPGROUP3	Comparison Group 3 1=All Baccalaureate Institutions 2=All Two-Year Colleges
YFCY Constructs		
	HABITS_OF_MIND ACADEMIC_ADJUSTMENT ACAD_DISENGAGEMENT FAC_INTERACTION SATIS_COURSES SATIS_OVERALL SENSE_BELONG ACADEMIC_SELFCONCEPT SOCIAL_SELFCONCEPT PLURALISTIC_ORIENTATION CRI_POSITIVE CRI_NEGATIVE SOCIAL_AGENCY CIVIC_AWARENESS LEADERSHIP CIVIC_ENGAGEMENT	YFCY Habits of Mind Score YFCY Academic Adjustment Score YFCY Academic Disengagement Score YFCY Student-Faculty Interaction Score YFCY Satisfaction with Courses Score YFCY Overall Satisfaction Score YFCY Sense of Belonging Score YFCY Academic Self-Concept Score YFCY Social Self-Concept Score YFCY Pluralistic Orientation Score YFCY Positive Cross-Racial Interaction Score YFCY Negative Cross-Racial Interaction Score YFCY Social Agency Score YFCY Civic Awareness Score YFCY Leadership Score YFCY Civic Engagement Score
	HABITS_OF_MIND_GRP ACADEMIC_ADJUSTMENT_GRP ACAD_DISENGAGEMENT_GRP FAC_INTERACTION_GRP SATIS_COURSES_GRP SATIS_OVERALL_GRP SENSE_BELONG_GRP ACADEMIC_SELFCONCEPT_GRP SOCIAL_SELFCONCEPT_GRP PLURALISTIC_ORIENTATION_GRP CRI_POSITIVE_GRP CRI_NEGATIVE_GRP SOCIAL_AGENCY_GRP CIVIC_AWARENESS_GRP LEADERSHIP_GRP CIVIC_ENGAGEMENT_GRP	CIRP Construct Score Group 1=Low score 2=Average Score 3=High score YFCY Habits of Mind Group YFCY Academic Adjustment Group YFCY Academic Disengagement Group YFCY Student-Faculty Interaction Group YFCY Satisfaction with Courses Group YFCY Overall Satisfaction Group YFCY Sense of Belonging Group YFCY Academic Self-Concept Group YFCY Social Self-Concept Group YFCY Pluralistic Orientation Group YFCY Positive Cross-Racial Interaction Group YFCY Negative Cross-Racial Interaction Group YFCY Social Agency Group YFCY Civic Awareness Group YFCY Leadership Group YFCY Civic Engagement Group
TFS Constructs - Scores		
	HABITS_OF_MIND_TFS ACADEMIC_SELFCONCEPT_TFS SOCIAL_SELFCONCEPT_TFS PLURALISTIC_ORIENTATION_TFS SOCIAL_AGENCY_TFS CIVIC_ENGAGEMENT_TFS COLLEGE_REPUTATION_TFS COLLEGE_INVOLVEMENT_TFS	TFS Habits of Mind Score TFS Academic Self-Concept Score TFS Social Self-Concept Score TFS Pluralistic Orientation Score TFS Social Agency Score TFS Civic Engagement Score TFS College Reputation Orientation Score TFS Likelihood of College Involvement Score

Q#	Variable Name	Variable Description
TFS Constructs - Groups		
	HABITS_OF_MIND_GRP_TFS ACADEMIC_SELFCONCEPT_GRP_TFS SOCIAL_SELFCONCEPT_GRP_TFS PLURALISTIC_ORIENTATION_GRP_TFS SOCIAL_AGENCY_GRP_TFS CIVIC_ENGAGEMENT_GRP_TFS COLLEGE_REPUTATION_GRP_TFS COLLEGE_INVOLVEMENT_GRP_TFS	CIRP Construct Score Group 1=Low score 2=Average Score 3=High score TFS Habits of Mind Group TFS Academic Self-Concept Group TFS Social Self-Concept Group TFS Pluralistic Orientation Group TFS Social Agency Group TFS Civic Engagement Group TFS College Reputation Orientation Group TFS Likelihood of College Involvement Group