

YFCY 2019 Codebook

Q#	Variable Name	Variable Description
	ACE SUBJID STUID	College I.D. Subject I.D. Student I.D. as entered on form
	GRPA GRPB	Group Code A Group Code B
1	TRANSGENDER	Do you identify as transgender? 1=No 2=Yes
2	GENDERIDENTITY	What is your current gender identity? 1=Man/Trans Man 2=Woman/Trans Woman 3=Gender queer/Gender non-conforming 4=Identity not listed above
3	RACE1 RACE2 RACE3 RACE10 RACE11 RACE12 RACE13 RACE14 RACE5 RACE6 RACE7 RACE 15 RACE8 RACE9	Are you: 1=Not marked 2=Marked White/Caucasian African American/Black American Indian/Alaska Native East Asian (e.g., Chinese, Japanese, Korean, Taiwanese) Filipina/o/x 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/Chicana/o/x Puerto Rican South American Other Hispanic or Latina/o/x Other
4	LGBTQIDEN	What is your sexual orientation? 1=Heterosexual/Straight 2=Gay 3=Lesbian 4=Bisexual 5=Queer 6=Pansexual 7=Asexual 8=Not listed above
5	ENRLSTAT	Are you currently a full-time or part-time student? 1=Not enrolled 2=Part-time undergraduate 3=Full-time undergraduate
6	ENTER1ST ENTERCUR	What year did you first enter: 1=2018 or 2019 2=2017 3=2016 4=2015 5=2014 or earlier What year did you first enter your 1st college? What year did you first enter this college?
7	MNDHAB03 MNDHAB12 MNDHAB11 MNDHAB08 MNDHAB13 MNDHAB09 MNDHAB07 MNDHAB05 MNDHAB02	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

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	MNDHAB15 MNDHAB16	Habits of Mind: Analyze multiple sources of information before coming to a conclusion Habits of Mind: Take on a challenge that scares you
8	INTACT05 INTACT06 INTACT01 INTACT07 INTACT02 INTACT04 INTACT11 INTACT12	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)
11	AFFACT03 AFFACT02 AFFACT12 AFFACT13 AFFACT07 AFFACT09 AFFACT08 AFFACT01 AFFACT05 AFFACT06 AFFACT04	Since entering this college, how often have you felt: 1=Not at all 2=Occasionally 3=Frequently Felt: Lonely or homesick Felt: Isolated from campus life Felt: Unsafe on this campus Felt: Worried about your health Felt: That your courses inspired you to think in new ways Felt: That your job responsibilities interfered with your schoolwork Felt: That your family responsibilities interfered with your schoolwork Felt: Family support to succeed Felt: That faculty provided me with feedback that helped me assess my progress in class Felt: That my contributions were valued in class Felt: That faculty encouraged me to ask questions and participate in discussions
12	SATIS10 SATIS25 SATIS27 SATIS04 SATIS06 SATIS28 SATIS11 SATIS29 SATIS01	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 Satisfaction: General education and core curriculum courses Satisfaction: Your overall academic experience Satisfaction: Career services Satisfaction: Classroom facilities Satisfaction: Computer facilities/labs Satisfaction: Library resources Satisfaction: Laboratory facilities and equipment Satisfaction: Technology resources Satisfaction: Academic advising

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	<p>SATIS21 SATIS07 SATIS08 SATIS20 SATIS30 SATIS16 SATIS15 SATIS09 SATIS31</p>	<p>Satisfaction: Student housing (e.g., res. halls) Satisfaction: Financial aid office Satisfaction: Financial aid package Satisfaction: Student health services Satisfaction: Student psychological services Satisfaction: Orientation for new students Satisfaction: Opportunities for community service Satisfaction: First-year programs (e.g., first-year seminar, learning community, linked courses, common book) Satisfaction: Mentoring received from faculty/staff</p>
13	<p>RATE02 RATE04 RATE05 RATE29 RATE09 RATE11 RATE12 RATE15 RATE16 RATE18 RATE20 RATE22 RATE23 RATE24 RATE26 RATE27 RATE25</p>	<p>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%</p> <p>Self Rating: Academic ability Self Rating: Artistic ability Self Rating: Compassion Self Rating: Computer Programming Skills 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: Writing ability</p>
14	<p>EASY9 EASY6 EASY1 EASY8 EASY4</p>	<p>Since entering this college, how has it been to: 1=Very Difficult 2=Somewhat Difficult 3=Somewhat Easy 4=Very Easy</p> <p>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</p>
15	<p>DIVRATE2 DIVRATE5 DIVRATE4 DIVRATE1 DIVRATE3 DIVRATE6 DIVRATE7</p>	<p>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</p> <p>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</p>
16	<p>ACT02 ACT04 ACT50 ACT31</p>	<p>Since entering this college, how often have you: 1=Not at all 2=Occasionally 3=Frequently</p> <p>Act: Attended a religious service Act: Been bored in class Act: Demonstrated for a cause (e.g., boycott, rally, protest) Act: Studied with other students</p>

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	<p>ACT45 ACT46 ACT16 ACT15 ACT25 ACT47 ACT01 ACT40 ACT42 ACT48 ACT41 ACT24 ACT12 ACT08 ACT19 ACT17 ACT18 ACT27 ACT43 ACT44</p>	<p>Act: Consumed beer Act: Consumed wine or liquor Act: Felt overwhelmed by all you had to do Act: Felt depressed Act: Performed volunteer work Act: Contributed money to help support my family Act: Asked a professor for advice after class Act: Worked on a local, state, or national political campaign Act: Socialized with someone of another sexual orientation Act: Been late to class Act: Posted on a course-related online discussion board Act: Performed community service as part of a class Act: Discussed religion Act: Discussed politics Act: Maintained a healthy diet Act: Had adequate sleep Act: Helped raise money for a cause or campaign Act: Publicly communicated your opinion about a cause (e.g., blog, email, petition) Act: Felt anxious Act: Written computer code</p>
17	<p>COLOPN20 COLOPN27 COLOPN44 COLOPN50 COLOPN49 COLOPN17 COLOPN04 COLOPN28 COLOPN02 COLOPN16 COLOPN48 COLOPN14 COLOPN01 COLOPN13 COLOPN19 COLOPN46 COLOPN47 COLOPN51</p>	<p>Please indicate the extent to which you agree or disagree with the following statements: 1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree Opinion: I have felt discriminated against at this institution because of my race/ethnicity, gender/gender identity, sexual orientation, religion, or disability status Opinion: I see myself as part of the campus community Opinion: There is a lot of racial tension on this campus Opinion: There is little that a person can do to be better at math - you are either "good" or "bad" at math Opinion: Sexual violence is prevalent on this campus Opinion: I have been able to find a balance between academics and extracurricular activities Opinion: Faculty empower me to learn here Opinion: If asked, I would recommend this college to others Opinion: At least one staff member has taken an interest in my development Opinion: I feel valued at this institution Opinion: In class, I have heard faculty express stereotypes based on race/ethnicity, gender, sexual orientation, religion, or disability status Opinion: I feel a sense of belonging to this campus Opinion: At least one faculty member has taken an interest in my development Opinion: I feel I am a member of this college Opinion: I have effectively led a group to a common purpose Opinion: It's important for me to be thinking about my career path after college Opinion: I have a clear idea of how to achieve my career goals Opinion: My political views closely resemble those of my parents/guardians</p>
18	<p>CURRGPA</p>	<p>What is your overall grade average (as of your most recently completed academic term)? 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	<p>CMPSAT01 CMPSAT18 CMPSAT08 CMPSAT09</p>	<p>Please rate your satisfaction with your college in each area: (Mark <u>one</u> in each row) 1=Very Dissatisfied 2=Dissatisfied 3=Neutral 4=Satisfied 5=Very Satisfied 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</p>

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	<p>CMPSAT17 CMPSAT03 CMPSAT10 CMPSAT11 CMPSAT06 CMPSAT12 CMPSAT02 CMPSAT07 CMPSAT05 CMPSAT14 CMPSAT15 CMPSAT16</p>	<p>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	<p>CONTRIB01 CONTRIB02 CONTRIB03 CONTRIB04 CONTRIB05 CONTRIB06 CONTRIB07 CONTRIB08 CONTRIB09</p>	<p>Please rate your agreement with the following statements: This institution has contributed to my: 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 the problems facing my 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>
21	<p>ETHEXP02 ETHEXP06 ETHEXP12 ETHEXP04 ETHEXP08 ETHEXP07 ETHEXP05 ETHEXP03 ETHEXP11 ETHEXP10 ETHEXP09</p>	<p>To what extent have you experienced the following with students from a racial/ethnic group <u>other than your own</u>? 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 Ethnic Experience: Pursued (by), dated, or otherwise intimately involved 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	<p>LIVED</p>	<p>Where did you primarily live while attending college this past year? On Campus <u>Special Interest Housing</u> 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 <u>Regular College Housing</u> 6=Residence hall 7=Apartment 8=Fraternity or sorority housing 9=Other residential housing Off Campus 10=At home with family 11=Fraternity or sorority house 12=Rented apartment or house 13=Other</p>
23		<p>Indicate the importance to you personally of each of the following: 1=Not Important 2=Somewhat Important</p>

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		<p>3=Very Important 4=Essential</p> <p>GOAL03 Goal: Becoming accomplished in one of the performing arts (acting, dancing, etc.) GOAL04 Goal: Becoming an authority in my field GOAL18 Goal: Integrating spirituality into my life GOAL06 Goal: Becoming successful in a business of my own GOAL21 Goal: Obtaining recognition from my colleagues for contributions to my special field GOAL17 Goal: Influencing the political structure GOAL16 Goal: Influencing social values GOAL24 Goal: Raising a family GOAL07 Goal: Being very well off financially GOAL12 Goal: Helping others who are in difficulty GOAL20 Goal: Making a theoretical contribution to science GOAL27 Goal: Writing original works (poems, novels, etc.) GOAL08 Goal: Creating artistic works (painting, sculpture, etc.) GOAL09 Goal: Developing a meaningful philosophy of life GOAL22 Goal: Participating in a community action program GOAL13 Goal: Helping to promote racial understanding GOAL19 Goal: Keeping up to date with political affairs GOAL02 Goal: Becoming a community leader GOAL14 Goal: Improving my understanding of other countries and cultures GOAL99 Goal: Becoming involved in programs to clean up the environment</p>
24	<p>COLACT06 COLACT23 COLACT08 COLACT32 COLACT31 COLACT07 COLACT14 COLACT41 COLACT42 COLACT36 COLACT43</p>	<p>Since entering this college have you: 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 first-year 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	<p>COLACT04 COLACT10 COLACT44 COLACT11 COLACT45 COLACT46 COLACT21 COLACT22 COLACT25 COLACT26 COLACT09 COLACT01 COLACT02 COLACT47 COLACT48 COLACT17 COLACT15 COLACT28 COLACT49 COLACT50</p>	<p>Since entering this college have you: 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: Felt hungry but didn't eat because I didn't have enough money for food Act in College: Joined a 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) 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		<p>Since entering this college, how much time have you spent during a typical week doing the following activities? 1=None 2=< 1 hr/wk</p>

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		<p>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>HPW01 Hours per Week: Attending classes/labs HPW12 Hours per Week: Studying/homework HPW18 Hours per Week: Socializing with friends in person HPW19 Hours per Week: Using social media HPW06 Hours per Week: Partying HPW11 Hours per Week: Participating in student clubs/groups HPW20 Hours per Week: Watching TV/online video content (e.g., Amazon, Hulu, Netflix, YouTube) HPW03 Hours per Week: Exercising/sports HPW17 Hours per Week: Working (for pay) <u>on</u> campus HPW16 Hours per Week: Working (for pay) <u>off</u> campus HPW04 Hours per Week: Performing household/childcare duties HPW02 Hours per Week: Commuting HPW21 Hours per Week: Praying/meditating</p>
27	<p>CLSACT30 CLSACT31 CLSACT04 CLSACT05 CLSACT18 CLSACT17 CLSACT03 CLSACT26 CLSACT21 CLSACT07 CLSACT25 CLSACT24 CLSACT13 CLSACT06 CLSACT08 CLSACT32 CLSACT28 CLSACT01 CLSACT10 CLSACT33</p>	<p>Since entering this college, indicate how often have you: 1=Not at all 2=Occasionally 3=Frequently</p> <p>Act in College: Turned in course assignment(s) late Act in College: Tutored another student Act in College: Contributed to class discussions Act in College: Discussed course content with students outside of class Act in College: Skipped class Act in College: Received tutoring Act in College: Communicated regularly with your professors Act in College: Worked on a professor's research project Act in College: Turned in course assignments that did <u>not</u> reflect your best work Act in College: Had difficulty getting along with your roommate(s)/housemate(s) Act in College: Witnessed academic dishonesty/cheating Act in College: Went home for the weekend Act in College: Received advice/counseling from another student Act in College: Fell asleep in class Act in College: Had difficulty getting the courses you need Act in College: Texted or used social media during class Act in College: Worked with classmates on group projects Act in College: Accessed your campus' library resources electronically Act in College: Made a presentation in class Act in College: Used the institution's course catalog (paper or online)</p>
28	POLIVIEW	<p>How would you characterize your political views? 1=Far right 2=Conservative 3=Middle-of-the-road 4=Liberal 5=Far left</p>
29	VOTE	<p>Are you currently registered to vote? 1=No 2=Yes 3=Ineligible</p>
30	DO_OVER	<p>If given the choice, would you still choose to enroll at your current (or most) recent college? 1=Not sure yet 2=Definitely no 3=Probably no 4=Probably yes 5=Definitely yes</p>
31	<p>SERVICES01 SERVICES02</p>	<p>Since entering this college, how often have you utilized the following services: 1=Not at all 2=Occasionally 3=Frequently</p> <p>Services: Study skills advising Services: Financial aid advising</p>

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	<p>MAJOR (con't)</p>	<p>447= Computer Engineering 448= Electrical/Electronic Communications Engineering 449= Engineering Science/Engineering Physics 450= Environmental/Environmental Health Engineering 451= Industrial/Manufacturing Engineering 452= Materials Engineering 453= Mechanical Engineering 454= Other Engineering 555= Clinical Laboratory Science 556= Health Care Administration/Studies 557= Health Technology 558= Kinesiology 559= Nursing 560= Pharmacy 561= Therapy (occupational, physical, speech) 562= Other Health Profession 663= Computer Science 664= Mathematics/Statisticians 665= Other Math and Computer Science 766= Astronomy & Astrophysics 767= Atmospheric Sciences 768= Chemistry 769= Earth & Planetary Sciences 770= Marine Science 771= Physics 772= Other Physical Science 873= Anthropology 874= Economics 875= Ethnic/Cultural Studies 876= Geography 877= Political Science (gov't., international relations) 878= Psychology 879= Public Policy 880= Social Work 881= Sociology 882= Women's/Gender Studies 883= Other Social Sciences 984= Architecture/Urban Planning 985= Criminal Justice 986= Library Science 987= Military Sciences/Technology/Operations 988= Security & Protective Services 989= OTHER 990= UNDECIDED</p>
<p>35</p>	<p>SCIASSOC01 SCIASSOC02 SCIASSOC03 SCIASSOC04</p>	<p>To what extent are the following statements true of you: (Mark <u>one</u> in each row) 1=Strongly Disagree 2=Disagree Somewhat 3=Neutral 4=Agree Somewhat 5=Strongly Agree Associations: I have a strong sense of belonging to a community of scientists Associations: I derive great personal satisfaction from working on a team that is doing important research Associations: I think of myself as a scientist Associations: I feel like I belong in the field of science</p>
<p>36</p>	<p>SCISKILLS01 SCISKILLS02 SCISKILLS03 SCISKILLS04</p>	<p>How confident are you that you can: (Mark <u>one</u> in each row) 1= Not at All 2= Somewhat 3= Moderately 4= Very 5= Absolutely Skills: Use technical science skills (use of tools, instruments, and/or techniques) Skills: Generate an answerable research question Skills: Determine how to collect appropriate data Skills: Explain the results of a study</p>

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	SCISKILLS05 SCISKILLS06 SCISKILLS07 SCISKILLS08 SCISKILLS09 SCISKILLS10	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
37	SCICAREER	Will you pursue a science-related research career? 1=Definitely no 2=Probably no 3=Uncertain 4=Probably yes 5=Definitely yes
38	TRANSFER	Did you transfer to this institution from another college/university? 1=No 2=Yes
39	NATENGSP	Is English your primary language? 1=No 2=Yes
40	SUMMPAN01 SUMMPAN02 SUMMPAN03 SUMMPAN04 SUMMPAN05 SUMMPAN06	Do you plan to do any of the following this summer? 1=No 2=Yes 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
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	OPTQ01 OPTQ02 OPTQ03 OPTQ04 OPTQ05 OPTQ06 OPTQ07 OPTQ08 OPTQ09 OPTQ10 OPTQ11 OPTQ12 OPTQ13 OPTQ14 OPTQ15 OPTQ16 OPTQ17 OPTQ18 OPTQ19 OPTQ20	Optional Questions 1=A 2=B 3=C 4=D 5=E Optional Question 1 Optional Question 2 Optional Question 3 Optional Question 4 Optional Question 5 Optional Question 6 Optional Question 7 Optional Question 8 Optional Question 9 Optional Question 10 Optional Question 11 Optional Question 12 Optional Question 13 Optional Question 14 Optional Question 15 Optional Question 16 Optional Question 17 Optional Question 18 Optional Question 19 Optional Question 20
Your First College Year Survey - Derived Variables		
	RRACE	Responded to race 1=No 2=Yes
	SURVTYPE	Type of survey returned 1=Paper 2=Web
CIRP Freshman Survey - Matched Responses		
	TFSFLAG	In TFS File 1=No 2=Yes
	MATCHLEVEL	Type of Match

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		<p>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</p>
	<p>ACE_TFS SUBJID_TFS STUID_TFS</p>	<p>College I.D. Subject I.D. Student I.D. as entered on form</p>
	<p>GRPA_TFS GRPB_TFS</p>	<p>Group Code A Group Code B</p>
	GENDERIDENTITY_TFS	<p>What is your current gender identity? 1=Man 2=Woman 3=Trans man 4=Trans woman 5=Gender queer/Gender non-conforming 6=Different identity</p>
	LGBTQIDEN_TFS	<p>What is your sexual orientation? 1=Heterosexual/Straight 2=Gay 3=Lesbian 4=Bisexual 5=Queer 6=Pansexual 7=Asexual 8=Not listed above</p>
	YRGRADHS_TFS	<p>In what year did you graduate from high school? 1=2017 2=2016 3=2015 4=2014 or earlier 5=Did not graduate but passed G.E.D. test 6=Never completed high school</p>
	FULLSTAT_TFS	<p>Are you enrolled (or enrolling) as a: 1 = Part-time student 2 = Full-time student</p>
	DISTHOME_TFS	<p>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</p>
	PREVCRED_TFS	<p>Prior to this term, have you ever taken courses for credit at this institution? 2=Yes 1=No</p>
	OTHRCOLL_TFS	<p>Since leaving high school, have you ever taken courses, whether for credit or not for credit, at any other institution (university, 4- or 2-year college, technical, vocational, or business school)? 2=Yes 1=No</p>
	HSGPA_TFS	<p>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+</p>
		<p>What were your scores on the SAT I and/or ACT?</p>

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	SATV_TFS SATM_TFS ACTCOMP_TFS	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
	HSNAME_TFS HSCITY_TFS HSSTATE_TFS	From what high school did you graduate? Name of high school City State
	RACE12_TFS RACE8_TFS RACE1_TFS RACE2_TFS RACE3_TFS RACE4_TFS RACE5_TFS RACE6_TFS RACE7_TFS RACE9_TFS RACE10_TFS RACE11_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
	SUMBRIDGE_TFS	How many weeks this summer did you participate in a bridge program at this institution? 1=0 2=1-2 3=3-4 4=5-6 5=7+
	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
	ACCPT1ST_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
	MATH2_TFS MATH3_TFS	Please mark which of the following courses you have completed: 1=No 2=Yes Pre-calculus/Trigonometry Probability & Statistics

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MATH4_TFS MATH5_TFS MATH6_TFS MATH7_TFS MATH8_TFS	Calculus AP Probability & Statistics AP Calculus AP Computer Science A AP Computer Science Principles
SCIENCE1_TFS SCIENCE2_TFS SCIENCE3_TFS SCIENCE4_TFS	AP Biology AP Chemistry AP Physics AP Environmental Science
YRSTUDY2_TFS YRSTUDY3_TFS YRSTUDY4_TFS YRSTUDY5_TFS YRSTUDY6_TFS YRSTUDY7_TFS YRSTUDY8_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
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= Classical and Modern Languages and Literature 3= English (language and literature) 4= History 5= Journalism/Communication 6= Media/Film Studies 7= Music 8= Philosophy 9= Theatre/Drama 10= Theology/Religion 11= Other Arts and Humanities 112= Agriculture/Natural Resources 113= Animal Biology (zoology) 114= Biochemistry/Biophysics 115= Biology (general) 116= Ecology & Evolutionary Biology 117= Environmental Science 118= Marine Biology 119= Microbiology 120= Molecular, Cellular, & Developmental Biology 121= Neurobiology/Neuroscience 122= Plant Biology (botany) 123= Other Biological Science 224= Accounting 225= Business Admin. (general) 226= Computer/Management Information Systems 227= Entrepreneurship

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	<p>228= Finance 229= Hospitality/Tourism 230= Human Resources Management 231= International Business 232= Management 233= Marketing 234= Real Estate 235= Other Business 336= Elementary Education 337= Music or Art Education 338= Physical Education or Recreation 339= Secondary Education 340= Special Education 341= Other Education 442= Aerospace/Aeronautical/Astronautical Engineering 443= Biological/Agricultural Engineering 444= Biomedical Engineering 445= Chemical Engineering 446= Civil Engineering 447= Computer Engineering 448= Electrical/Electronic Communications Engineering 449= Engineering Science/Engineering Physics 450= Environmental/Environmental Health Engineering 451= Industrial/Manufacturing Engineering 452= Materials Engineering 453= Mechanical Engineering 454= Other Engineering 555= Clinical Laboratory Science 556= Health Care Administration/Studies 557= Health Technology 558= Kinesiology 559= Nursing 560= Pharmacy 561= Therapy (occupational, physical, speech) 562= Other Health Profession 663= Computer Science 664= Mathematics/Statisticians 665= Other Math and Computer Science 766= Astronomy & Astrophysics 767= Atmospheric Sciences 768= Chemistry 769= Earth & Planetary Sciences 770= Marine Science 771= Physics 772= Other Physical Science 873= Anthropology 874= Economics 875= Ethnic/Cultural Studies 876= Geography 877= Political Science (gov't., international relations) 878= Psychology 879= Public Policy 880= Social Work 881= Sociology 882= Women's/Gender Studies 883= Other Social Sciences 984= Architecture/Urban Planning 985= Criminal Justice 986= Library Science 987= Military Sciences/Technology/Operations 988= Security & Protective Services 989= Other 990= Undecided</p>
SCAREER_TFS	Please indicate your intended career as well as the careers of your parents/guardians. Student Probable Career

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PCAREER1_TFS
PCAREER2_TFS

Parent/Guardian 1 Career
Parent/Guardian 2 Career
01=Actor or Entertainer
02=Artist
03=Graphic Designer
04=Musician
05=Writer/Producer/Director
06=Farmer or Forester
07=Natural resource specialist/environmentalist
08=Accountant
09=Administrative Assistant
10=Business Manager/Executive
11=Business Owner/Entrepreneur
12=Finance (e.g., Actuary, Banking, Loan Officer, Planner)
13=Human Resources
14=Management Consultant
15=Real Estate Agent/Realtor/Appraiser/Developer
16=Retail Sales
17=Sales/Marketing
18=Sports Management
19=Advertising
20=Journalist
21=Public/Media Relations
22=College Administrator/Staff
23=College Faculty
24=Early Childcare Provider
25=Elementary School Teacher
26=K-12 Administrator
27=Librarian
28=Secondary School Teacher in a non-STEM subject
29=Secondary School Teacher in Science, Technology, Engineering, or Math (STEM)
30=Teacher's Assistant/Paraprofessional
31=Other K-12 Professional
32=Federal/State/Local Government Official
33=Military
34=Postal Worker
35=Protective Services (e.g., Homeland Security, Law Enforcement, Firefighter)
36=Dietitian/Nutritionist
37=Home Health Care 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
61=Clergy
62=Homemaker/Stay at home parent
63=Other

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		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
	HOMELESS_TFS	In your lifetime, have you been homeless for at least one month? 2=Yes 1=No
	FINCON_TFS	Do you have any concern about your ability to finance your college education? (Mark one) 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)
	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)
	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

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		<p>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</p>
	<p>DEGASP_TFS HIDEGREE_TFS</p>	<p>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</p>
	<p>ACT03_TFS ACT33_TFS ACT07_TFS ACT27_TFS ACT26_TFS ACT10_TFS ACT11_TFS ACT15_TFS ACT14_TFS ACT20_TFS ACT01_TFS ACT31_TFS ACT25_TFS ACT04_TFS ACT09_TFS ACT08_TFS ACT23_TFS ACT22_TFS ACT16_TFS ACT13_TFS ACT12_TFS ACT37_TFS ACT38_TFS ACT39_TFS</p>	<p>Indicate which activities you did during the past year: 1=Not at All 2=Occasionally 3=Frequently Attended a religious service Been bored in class Demonstrated for a cause (e.g. boycott, rally, protest) Tutored another student Studied with other students Consumed beer Consumed wine or liquor Felt overwhelmed by all I had to do Felt depressed Performed volunteer work Asked a teacher for advice after class Voted in a student election Socialized with someone of another racial/ethnic group Been late to class Discussed religion Discussed politics Skipped school/class Publicly communicated my opinion about a cause (e.g., blog, email, petition) Helped raise money for a cause or campaign Fallen asleep in class Failed to complete homework on time Felt anxious Written computer code Felt hungry but did not eat because I didn't have enough money for food</p>
	<p>DIVRATE1_TFS DIVRATE2_TFS DIVRATE3_TFS DIVRATE4_TFS DIVRATE5_TFS DIVRATE6_TFS DIVRATE7_TFS</p>	<p>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</p>

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	<p>PAREduc1_TFS PAREduc2_TFS</p>	<p>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</p>
	<p>MNDHAB01_TFS MNDHAB02_TFS MNDHAB03_TFS MNDHAB05_TFS MNDHAB06_TFS MNDHAB07_TFS MNDHAB08_TFS MNDHAB09_TFS MNDHAB10_TFS MNDHAB15_TFS MNDHAB16_TFS</p>	<p>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</p>
	<p>SCISKILL01_TFS SCISKILL02_TFS SCISKILL03_TFS SCISKILL04_TFS SCISKILL05_TFS SCISKILL06_TFS SCISKILL07_TFS SCISKILL08_TFS SCISKILL09_TFS SCISKILL10_TFS</p>	<p>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</p>
	<p>POLIVIEW_TFS</p>	<p>How would you characterize your political views? 1=Far right 2=Conservative 3=Middle-of-the-road 4=Liberal 5=Far left</p>
	<p>REASON05_TFS REASON08_TFS REASON11_TFS REASON06_TFS REASON10_TFS REASON07_TFS REASON12_TFS REASON14_TFS</p>	<p>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</p>
		<p>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</p>

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	<p>RATE01_TFS RATE02_TFS RATE21_TFS RATE22_TFS RATE07_TFS RATE08_TFS RATE09_TFS RATE10_TFS RATE11_TFS RATE12_TFS RATE14_TFS RATE23_TFS RATE15_TFS RATE16_TFS RATE18_TFS RATE19_TFS RATE20_TFS</p>	<p>4=Above Average 5=Highest 10% Academic ability Artistic ability Compassion Computer programming Creativity Drive to achieve Emotional health Leadership ability Mathematical ability Physical health Public speaking ability Risk-taking Self-confidence (intellectual) Self-confidence (social) Spirituality Understanding of others Writing ability</p>
	<p>VIEW18_TFS VIEW02_TFS VIEW05_TFS VIEW15_TFS VIEW07_TFS VIEW06_TFS VIEW38_TFS VIEW35_TFS VIEW39_TFS VIEW33_TFS</p>	<p>Mark one in each row: 1=Strongly Disagree 2=Somewhat Disagree 3=Agree Somewhat 4=Strongly Agree Racial discrimination is no longer a major problem in America Abortion should be legal Colleges have the right to ban extreme speakers from campus Marijuana should be legalized Dissent is critical component of the political process Colleges should prohibit racist/sexist speech on campus Students from disadvantaged social backgrounds should be Sexual activity that occurs without the presence of explicit, affirmative consent (i.e., "yes means yes") is considered sexual assault Women should receive the same salary opportunities for advancement as men in comparable positions The United States should intervene in the wars of other countries</p>
	<p>CHOOSE15_TFS CHOOSE17_TFS CHOOSE25_TFS CHOOSE24_TFS CHOOSE12_TFS CHOOSE23_TFS CHOOSE06_TFS CHOOSE20_TFS CHOOSE09_TFS CHOOSE19_TFS CHOOSE05_TFS CHOOSE28_TFS CHOOSE29_TFS CHOOSE11_TFS CHOOSE07_TFS CHOOSE21_TFS CHOOSE10_TFS CHOOSE03_TFS CHOOSE33_TFS</p>	<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? 1=Not Important 2=Somewhat Important 3=Very Important 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>
		<p>During your last year in high school, how much time did you spend during a typical week doing the following activities? 1=None 2=Less than one hour 3=1 to 2 hours 4=3 to 5 hours</p>

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	<p>HPW01_TFS HPW02_TFS HPW15_TFS HPW05_TFS HPW08_TFS HPW04_TFS HPW06_TFS HPW10_TFS</p>	<p>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: 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? 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>
	SCICAREER_TFS	<p>Will you pursue a science-related research career? 1=Uncertain 2=Definitely no 3=Probably no 4=Probably yes 5=Definitely yes</p>
	NATENGSP_TFS	<p>Is English your primary language? 2=Yes 1=No</p>
	<p>DISAB01_TFS DISAB02_TFS DISAB03_TFS DISAB04_TFS DISAB05_TFS DISAB06_TFS DISAB07_TFS</p>	<p>Do you have any of the following disabilities or medical conditions? 1=No 2=Yes</p> <p>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</p>
	<p>SCIASSOC01_TFS SCIASSOC02_TFS SCIASSOC03_TFS SCIASSOC04_TFS</p>	<p>To what extent are the following statements true of you: 1=Strongly Disagree 2=Disagree Somewhat 3=Neutral 4=Agree Somewhat 5=Strongly Agree</p> <p>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</p>
	<p>GOAL03_TFS GOAL04_TFS GOAL20_TFS GOAL16_TFS GOAL15_TFS</p>	<p>Please indicate the importance to you personally of: 1=Not Important 2=Somewhat Important 3=Very Important 4=Essential</p> <p>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</p>

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	<p>GOAL23_TFS GOAL08_TFS GOAL12_TFS GOAL19_TFS GOAL24_TFS GOAL09_TFS GOAL07_TFS GOAL06_TFS GOAL10_TFS GOAL21_TFS GOAL13_TFS GOAL18_TFS GOAL02_TFS GOAL14_TFS GOAL17_TFS</p>	<p>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</p>
	<p>FUACT05_TFS FUACT04_TFS FUACT23_TFS FUACT12_TFS FUACT17_TFS FUACT24_TFS FUACT32_TFS FUACT25_TFS FUACT39_TFS FUACT22_TFS FUACT21_TFS FUACT34_TFS FUACT06_TFS FUACT31_TFS FUACT35_TFS FUACT40_TFS FUACT38_TFS</p>	<p>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</p> <p>Change major field Change career choice Participate in student government Get a job to help pay for college expenses Join a social fraternity or sorority Participate in student protests or demonstrations Transfer to another college before graduating Participate in volunteer or community service work Seek personal counseling Participate in student clubs/groups Participate in a study abroad program Work on a professor's research project Get tutoring help in specific courses Take courses from more than one college simultaneously Take a leave of absence from this college temporarily Take a course exclusively online Vote in a local, state, or national election</p>
TFS - Derived Variables		
	SURVTYPE_TFS	<p>Survey Type 1=Paper 2=Web</p>
	RRACE_TFS	<p>Responded to race 1=No 2=Yes</p>
	RACEGROUP_TFS	<p>Race/Ethnicity Group 1=American Indian 2=Asian 3=Black 4=Hispanic 5=White 6=Other 7=Two or more race/ethnicity</p>
	FIRSTGEN_TFS	<p>First generation status based on parent(s) with less than 'some college' 1=No 2=Yes</p>
	SEXIMP_TFS	<p>Sex imputed 1 = No 2 = Yes</p>
	MAJORA_TFS	<p>Student's major aggregated 1=Agriculture 2=Biological & Life Sciences 3=Business 4=Education 5=Engineering 6=English</p>

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		<p>7=Health Professions 8=History or Political Science 9= Arts & Humanities 10=Fine Arts 11=Mathematics or Computer Science 12=Physical Science 13=Social Science 14=Justice and Security 15=Library Science 16=Other Non-technical 17=Undecided</p>
	<p>SCAREERA_TFS FCAREERA_TFS MCAREERA_TFS</p>	<p>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</p>
	<p>HOMESTATE_TFS HOMEZIP_TFS</p>	<p>Student's home state Student's home zip</p>
	<p>STUDSTAT_TFS</p>	<p>Student status 1=Full-time first-time freshman 2=Part-time freshman 3=Other</p>
	<p>NORMSTAT_TFS</p>	<p>Norms status 1=In norms 2=Not in norms</p>
Institutional Characteristics		
	<p>STRAT</p>	<p>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 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</p>

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		<p>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</p>
	STATE	Institution State
	HERIREG	<p>HERI Region 1=East 2=Midwest 3=South 4=West</p>
	OBereg	<p>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</p>
	HBCU	<p>HBCU Flag 1=Not HBCU 2=Public HBCU 3=Private HBCU</p>
	INSTSEX	<p>Institution Sex 1=Male only 2=Female only 3=Co-ed 4=Coordinate</p>
	SELECTIVITY	Institution Selectivity
	INSTTYPE	<p>Institution Type 1=University 2=4-year 3=2-year</p>
	INSTCONT	<p>Institution Control 1=Public 2=Private</p>
	COMPGROUP1	<p>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</p>

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		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 CIVIC_ENGAGEMENT LEADERSHIP SCIENCE_IDENTITY SCIENCE_SELF_EFFICACY	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 Civic Engagement Score YFCY Leadership Score YFCY Science Identity Score YFCY Science Self-Efficacy 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 CIVIC_ENGAGEMENT_GRP LEADERSHIP_GRP SCIENCE_IDENTITY_GRP SCIENCE_SELF_EFFICACY_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 Civic Engagement Group YFCY Leadership Group YFCY Science Identity Group YFCY Science Self-Efficacy 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 SCIENCE_IDENTITY_TFS SCIENCE_SELF_EFFICACY_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 TFS Science Identity Score TFS Science Self-Efficacy Score
TFS Constructs - Groups		
		CIRP Construct Score Group 1=Low score

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	2=Average Score
	3=High score
HABITS_OF_MIND_GRP_TFS	TFS Habits of Mind Group
ACADEMIC_SELFCONCEPT_GRP_TFS	TFS Academic Self-Concept Group
SOCIAL_SELFCONCEPT_GRP_TFS	TFS Social Self-Concept Group
PLURALISTIC_ORIENTATION_GRP_TFS	TFS Pluralistic Orientation Group
SOCIAL_AGENCY_GRP_TFS	TFS Social Agency Group
CIVIC_ENGAGEMENT_GRP_TFS	TFS Civic Engagement Group
COLLEGE_REPUTATION_GRP_TFS	TFS College Reputation Orientation Group
COLLEGE_INVOLVEMENT_GRP_TFS	TFS Likelihood of College Involvement Group
SCIENCE_IDENTITY_GRP_TFS	TFS Science Identity Group
SCIENCE_SELF_EFFICACY_GRP_TFS	TFS Science Self-Efficacy Group