

**2023 College Senior Survey (Codebook)**

Question	Variable Name	Variable Description
	ACE ACEREAL SUBJID STUID REPSTUID GRPA GRPB	College I.D. College I.D. of subgroup (as applicable) Subject I.D. Student I.D. as entered on form Student I.D. as uploaded by school representative Group Code A Group Code B
1	ENTER1ST ENTERCUR	What year did you first enter your first college? What year did you first enter this college? 1=2022 or 2023 2=2021 3=2020 4=2019 5=2018 or earlier
2	ENROLL	Please indicate your enrollment status below: 1=Full-time undergraduate 2=Part-time undergraduate 3=Not enrolled
3	GRADDATE	Expected graduation date: 1=2022 2=2023 3=Other 4=Not sure
4	TRANSGENDER	Do you identify as transgender? 1=No 2=Yes
5	GENDERIDENTITY	What is your current gender identity? 1=Man 2=Woman 3=Non-binary 4=Genderqueer/Gender non-conforming 5=Identity not listed above (please state): [Free response]
	GENDERIDENTITY_TEXT	Free Response
6	RACE1 RACE2 RACE3 RACE10 RACE11 RACE12 RACE13 RACE14 RACE5 RACE6 RACE7 RACE16 RACE15 RACE8 RACE9	Are you: 1=Not marked 2=Marked White/Caucasian African American/Black Native American/Alaska Native East Asian (e.g., Chinese, Japanese, Korean, Taiwanese) Filipina/o/x Southeast Asian (e.g., Cambodian, Vietnamese, Hmong) South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan) Other Asian Native Hawaiian/Pacific Islander Mexican American/Chicana/o/e/x Puerto Rican Central American South American Other Latina/o/e/x Other
7	DEGEARN DEGASP	Please indicate the highest degree you (A) will have earned as of June 2023 and (B) plan to complete eventually at any institution. Highest degree earned as of June 2023 Highest degree planned at any institution 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

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7a	DEGASP_REASON	(Open-ended response; Web Only) Please list any reasons, motivations, or factors that may have influenced your choice of highest degree planned at any institution: (free response)
8	LGBTQIDEN	What is your sexual orientation? (Select one response only) 1=Heterosexual/Straight 2=Gay 3=Lesbian 4=Bisexual 5=Queer 6=Pansexual 7=Asexual 8=Not listed above (Web: Free Response)
	LGBTQIDEN_TEXT	Free Response
9	MNDHAB11 MNDHAB10 MNDHAB06 MNDHAB04 MNDHAB01	How often in the past year did you: 1=Not at All 2=Occasionally 3=Frequently 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: 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
10	URBANICITY	On a scale of 1-7 with 1 being the most remote and 7 being the most urban, how remote/urban would you characterize the hometown you lived in during most of your high school experience? (Select one) 1 remote 2 3 rural 4 5 suburban 6 7 urban
11	ACT14 ACT16 ACT04 ACT48 ACT40 ACT41 ACT60 ACT36 ACT17 ACT79 ACT28 ACT09 ACT05 ACT06 ACT08 ACT33 ACT50	Since entering college, indicate how often you: 1=Not at All 2=Occasionally 3=Frequently Act: Discussed course content with students outside of class Act: Failed to complete homework on time Act: Came late to class Act: Performed community service as part of a class Act: Missed class due to employment Act: Missed class for other reasons Act: Tutored another college student Act: Met with an advisor/counselor about your career plans Act: Fell asleep in class Act: Texted or used social media during class Act: Had difficulty getting the courses you needed Act: Demonstrated for a cause (e.g., boycott, rally, protest) Act: Challenged a professor's ideas in class Act: Communicated regularly with your professors Act: Contributed to class discussions Act: Helped raise money for a cause or campaign Act: Publicly communicated your opinion about a cause (e.g., blog, email, petition)
12	RESEARCH	How many months since entering college (including summers) did you work on a professor's research project? 1=0 months 2=1-3 months 3=4-6 months 4=7-12 months 5=13-24 months 6=25+ months
13	POLVIEW	How would you characterize your political views? (Select one response only) 1=Far right 2=Conservative 3=Middle-of-the-road 4=Liberal 5=Far left
14		Since entering college, have you: 1=No 2=Yes

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	COLACT47 COLACT05 COLACT23 COLACT25 COLACT24 COLACT30 COLACT32 COLACT41 COLACT03 COLACT35 COLACT36	Act in College: Been placed on academic probation Act in College: Failed one or more courses Act in College: Taken a remedial course Act in College: Taken an ethnic studies course Act in College: Taken a women's studies course Act in College: Withdrawn from school temporarily Act in College: Taken an honors course Act in College: Participated in a campus program that promotes STEM careers (e.g. BUILD, MARC, HHMI, S-STEM) Act in College: Completed a culminating experience for your degree (e.g., capstone course/project, thesis, comp exam) Act in College: Taken courses from more than one institution simultaneously Act in College: Taken a course exclusively online
15a	TRANSFER	Which of the following best describes your enrollment history? (Select one response only) 1=I entered this institution as a first-time, first-year student 2=I transferred to this institution after attending a different four-year college or university 3=I transferred to this institution after attending a two-year or community college 4=I previously attended at least one two-year college and a different four-year college prior to transferring to this institution 5=Other, please specify [free response]
	TRANSFER_TEXT	Free Response
<b>If students select any of the three <i>transfer</i> options in 14a, continue with the rest of the #14 questions:</b>		
15b	TRANSFERPREP	Did you participate in a transfer preparation program at this institution before enrolling here? 1=No 2=Yes
15c	TRANSFERCREDIT	How many courses taken at another institution were accepted for credit here? 1=Very few 2=Less than half 3=About half 4=Most but not all 5=All
15d	TRANSFEROPN01 TRANSFEROPN02 TRANSFEROPN03 TRANSFEROPN04 TRANSFEROPN05  TRANSFEROPN06 TRANSFEROPN07 TRANSFEROPN08 TRANSFEROPN09 TRANSFEROPN10 TRANSFEROPN11	Please indicate the extent to which you agree or disagree with each of the following about your transfer experience: 1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree <i>Before transferring:</i> I received helpful advice about the right courses to complete the requirements to transfer The courses I took prepared me for the academic demands here The guidelines for transferring to this institution were easy to understand There was helpful online information available about how to transfer here (e.g. websites) I worked with a transfer specialist/advisor from this institution to apply or choose courses <i>At this college:</i> Campus administrators care about what happens to transfer students I have received helpful advice about how to succeed here as a transfer student Transfer students are a lower priority than students who started here Faculty treat me differently because I am a transfer student Staff treat me differently because I am a transfer student Other students treat me differently because I am a transfer student
15e	TRANSFERACT01 TRANSFERACT02 TRANSFERACT03 TRANSFERACT04 TRANSFERACT05 TRANSFERACT06	Since transferring to this institution, how often have you: 1=Not at All 2=Occasionally 3=Frequently Participated in transfer-focused programs/activities Interacted with other transfer students Sought information specific to transfer students Interacted with students who did not transfer Felt excluded from campus events because you are a transfer student Felt overwhelmed by academic expectations
15f	TRANSFEREASE01 TRANSFEREASE02 TRANSFEREASE03 TRANSFEREASE04 TRANSFEREASE05	Since entering this college, how has it been to: 1=Very Difficult 2=Somewhat Difficult 3=Somewhat Easy 4=Very Easy Understand what my professors expect of me academically Develop effective study skills Adjust to the academic demands of college Manage my time effectively Get to know faculty

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	<p>TRANSFEREASE06 TRANSFEREASE07 TRANSFEREASE08 TRANSFEREASE09 TRANSFEREASE10</p>	<p>Get to know my way around campus Figure out which requirements I need to graduate Make friends Become involved in campus activities Pursue opportunities to study abroad</p>
<p>16</p>	<p>MAJOR1 MAJOR2 GRADMAJOR</p>	<p>Mark your: Primary undergraduate major (Select one response only) Secondary undergraduate major (omit if you <u>do not</u> have a secondary major) Graduate major (omit if you <u>do not</u> plan to go to graduate school) 001 Art, fine and applied 002 Classical and Modern Languages and Literature 003 English (language and literature) 004 History 005 Journalism/Communication 006 Media/Film Studies 007 Music 008 Philosophy 009 Theater/Drama 010 Theology/Religion 011 Other Arts and Humanities 112 Agriculture/Natural Resources 113 Animal Biology (zoology) 114 Biochemistry/Biophysics 115 Biology (general) 116 Ecology &amp; Evolutionary Biology 117 Environmental Science 118 Marine Biology 119 Microbiology 120 Molecular, Cellular, &amp; 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 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 Healthcare Administration/Studies 557 Health Technology</p>

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		<p>558 Kinesiology  559 Nursing  560 Pharmacy  561 Therapy (occupational, physical, speech)  562 Other Health Profession  663 Computer Science  664 Mathematics/Statistics  665 Other Math and Computer Science  766 Astronomy &amp; Astrophysics  767 Atmospheric Sciences  768 Chemistry  769 Earth &amp; 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 Science  984 Architecture/Urban Planning  985 Criminal Justice  986 Library Science  987 Security &amp; Protective Services  988 Military Sciences/Technology/Operations  989 General Studies  990 OTHER</p>
17	CAREER	<p>Mark your <i>probable</i> <u>CAREER/OCCUPATION</u>:</p> <p>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=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 Relations/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 Science, Technology, Engineering, or Math (STEM)  29=Secondary School Teacher in a non-STEM subject  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)</p>

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		<p>36=Clinical Psychologist  37=Dentist/Orthodontist  38=Dietician/Nutritionist  39=Home Health Worker  40=Medical/Dental Assistant (e.g., Hygienist, Lab Tech, Nursing Asst.)  41=Medical Doctor/Surgeon  42=Mental Health Professional (e.g. MFT)  43=Optometrist  44=Pharmacist  45=Physician Assistant  46=Registered Nurse  47=Social Worker  48=Therapist (e.g., Physical, Occupational, Speech)  49=Veterinarian  50=Computer Programmer/Developer  51=Computer/Systems Analyst  52=Web Designer  53=Lawyer/Judge  54=Paralegal  55=Engineer  56=Research Scientist (e.g., Biologist, Chemist, Physicist)  57=Urban Planner/Architect  58=Custodian/Janitor/Housekeeper  59=Food Service (e.g., Chef/Cook, Server)  60=Hair Stylist/Aesthetician/Manicurist  61=Interior Designer  62=Skilled Trades (e.g. Plumber, Electrician, Construction)  63=Social/Non-Profit Services  64=Clergy  65=Homemaker/Stay at Home Parent  66=Other  67=Undecided</p>
18	<p>COVIDCOLOPN01  COVIDCOLOPN13  COVIDCOLOPN02  COVIDCOLOPN14</p>	<p>Please indicate your agreement with each of the following statements.  1=Strongly Disagree  2=Disagree Somewhat  3=Agree Somewhat  4=Strongly Agree  Campus leadership communicated effectively regarding the pandemic  My institution's pandemic response considered the health and safety of students  Campus leaders made appropriate decisions with respect to in-person operations on campus  I feel safer when others wear masks while sharing an indoor space with me</p>
18a	COVIDCOLOPN_TEXT	Is there anything you wish to further clarify about your responses to this section? If yes, please explain:
19	COVIDGENERAL_TEXT	Is there anything you wish to share about how the pandemic affected your college experience or career plans?: (free response)
20	NUMCLSPNP	<p>How many courses are you taking this term with pass/fail grading (as opposed to letter grading)?  (Select one response only)  1= Not applicable  2= My school is not offering pass/fail grading  3= 0  4= 1  5= 2  6= 3  7= 4  8= 5+</p>
21	<p>ETHEXP02  ETHEXP06  ETHEXP11  ETHEXP13  ETHEXP04  ETHEXP08  ETHEXP07  ETHEXP05  ETHEXP03  ETHEXP12</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  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: Felt understood  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</p>

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	ETHEXP10 ETHEXP09	Ethnic Experience: Studied or prepared for class Ethnic Experience: Socialized or partied
22	DIVRATE2 DIVRATE5 DIVRATE4 DIVRATE1 DIVRATE3 DIVRATE7	How would you rate yourself in the following areas: (Select one in each row) 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: Ability to manage my time effectively
23	HPW17 HPW28 HPW16 HPW15 HPW09 HPW10 HPW04 HPW24 HPW06 HPW27 HPW26 HPW08 HPW12 HPW02	During the past year, how much time did you spend during a typical week: 1=None 2=Less than 1 hour 3=1-2 4=3-5 5=6-10 6=11-15 7=16-20 8=Over 20 Hours per Week: Studying/homework Hours per Week: Studying with other students Hours per Week: Working with classmates on group projects 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: Watching TV/online video content (e.g., Amazon, Hulu, Netflix, YouTube) Hours per Week: Exercising/sports Hours per Week: Working (for pay) on campus (remote included) Hours per Week: Working (for pay) off campus Hours per Week: Performing household/childcare duties Hours per Week: Meditating/Participating in mindfulness activity Hours per Week: Career planning (e.g., job searches, networking)
24	CONTRIB14 CONTRIB02 CONTRIB03 CONTRIB04 CONTRIB05 CONTRIB07 CONTRIB08 CONTRIB10 CONTRIB11 CONTRIB12	Please indicate your agreement with each of the following statements. This institution has contributed to my: 1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree Contribution: Intellectual and practical skills (including inquiry and analysis, critical thinking, and information literacy) Contribution: Knowledge of people from different races/cultures Contribution: Understanding of global issues Contribution: Understanding of national issues Contribution: Understanding of the problems facing my community Contribution: Problem-solving skills Contribution: Foreign language ability Contribution: Preparedness for employment after college Contribution: Preparedness for graduate or advanced education Contribution: Ability to conduct research
25	SATIS08 SATIS11 SATIS13 SATIS04 SATIS23 SATIS01 SATIS30	Please rate your satisfaction with your college in each area: 1=Can't Rate/Don't Know 2=Very Dissatisfied 3=Dissatisfied 4=Neutral 5=Satisfied 6=Very Satisfied Satisfaction: General education or core curriculum courses Satisfaction: Laboratory facilities and equipment Satisfaction: Library resources Satisfaction: Technology resources Satisfaction: Tutoring or other academic assistance Satisfaction: Academic advising Satisfaction: Mentoring received from faculty

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	SATIS31 SATIS21 SATIS07 SATIS20 SATIS15 SATIS25 SATIS26	Satisfaction: Mentoring received from staff Satisfaction: Student housing (e.g., residence halls) Satisfaction: Financial aid package Satisfaction: Student health services Satisfaction: Student psychological services Satisfaction: Career-related resources and support Satisfaction: Campus safety services (e.g., Safe Walk, Public Safety/Police Dept.)
26	CMPSTAT05 CMPSTAT02 CMPSTAT04 CMPSTAT11 CMPSTAT12 CMPSTAT08 CMPSTAT09 CMPSTAT03 CMPSTAT13 CMPSTAT10 CMPSTAT15 CMPSTAT07	Please rate your satisfaction with your college in each area. 1=Very Dissatisfied 2=Dissatisfied 3=Neutral 4=Satisfied 5=Very Satisfied Campus Satisfaction: Courses in your major field Campus Satisfaction: Amount of contact with faculty Campus Satisfaction: Class size Campus Satisfaction: Relevance of coursework to everyday life Campus Satisfaction: Relevance of coursework to career plans Campus Satisfaction: Overall quality of instruction Campus Satisfaction: Overall sense of community among students Campus Satisfaction: Availability of campus social activities Campus Satisfaction: Respect for the expression of diverse beliefs Campus Satisfaction: Racial/ethnic diversity of the student body Campus Satisfaction: Racial/ethnic diversity of the faculty Campus Satisfaction: Overall college experience
27	COLL GPA MAJOR GPA	Overall GPA Primary Major GPA 1=D 2=C 3=C+ 4=B- 5=B 6=B+ 7=A- 8=A or A+
28	GENACT15 GENACT19 GENACT03 GENACT13 GENACT14 GENACT43 GENACT44 GENACT45 GENACT46 GENACT25 GENACT07 GENACT31 GENACT11 GENACT37 GENACT06 GENACT39 GENACT40 GENACT41 GENACT42 GENACT47	In the past year, how often have you: 1=Not at All 2=Occasionally 3=Frequently Act in Past Year: Felt depressed Act in Past Year: Felt overwhelmed by all I had to do Act in Past Year: Attended a religious service Act in Past Year: Consumed beer Act in Past Year: Consumed wine or liquor Act in Past Year: Vaped/used e-cigarettes Act in Past Year: Consumed marijuana/cannabis Act in Past Year: Consumed non-THC marijuana/cannabis alternatives (e.g., CBD, CBD oils, CBD topical applications) Act in Past Year: Consumed a controlled substance to boost your academic performance (e.g., Ritalin, Adderall) Act in Past Year: Performed volunteer or community service work Act in Past Year: Discussed politics Act in Past Year: Sought personal counseling Act in Past Year: Discussed religion Act in Past Year: Worked on a local, state, or national political campaign Act in Past Year: Contributed money to help support my family Act in Past Year: Felt that my contributions were valued in class Act in Past Year: Felt that faculty encouraged me to ask questions and participate in discussions Act in Past Year: Felt anxious Act in Past Year: Felt hungry but didn't eat because I didn't have enough money for food Act in Past Year: Written computer code
29	INSOPN22	Please indicate the extent to which you agree or disagree with the following statements: 1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree Inst Opinion: I have felt discriminated against at this institution because of my race/ethnicity, gender/gender identity, sexual orientation, immigration/citizenship status, religion, or disability status



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	<p>INSOPN19 INSOPN13 INSOPN17 INSOPN29 INSOPN12 INSOPN15 INSOPN21 INSOPN16 INSOPN23</p> <p>INSOPN05 INSOPN14 INSOPN06 INSOPN09 INSOPN26 INSOPN27</p>	<p>Inst Opinion: Faculty showed concern about my progress Inst Opinion: There is a lot of racial tension on this campus Inst Opinion: Faculty empower me to learn here Inst Opinion: I have been able to talk to a campus mental health professional when needed Inst Opinion: If asked, I would recommend this college to others Inst Opinion: At least one staff member has taken an interest in my development Inst Opinion: I feel valued at this institution Inst Opinion: Faculty believe in my potential to succeed academically Inst Opinion: In class, I have heard faculty express stereotypes based on race/ethnicity, gender/gender identity, sexual orientation, immigration/citizenship status, religion, or disability status Inst Opinion: I feel a sense of belonging to this campus Inst Opinion: At least one faculty member has taken an interest in my development Inst Opinion: I feel I am a member of this college Inst Opinion: I have effectively led a group to a common purpose Inst Opinion: I will give this college money as an alum Inst Opinion: I plan to remain engaged with this college as an alum (e.g., campus events, fundraising, admissions)</p>
30	<p>GOAL03 GOAL04 GOAL20 GOAL16 GOAL15 GOAL22 GOAL07 GOAL11 GOAL19 GOAL24 GOAL08 GOAL06 GOAL09 GOAL21 GOAL12 GOAL18 GOAL02 GOAL17 GOAL13 GOAL25 GOAL26 GOAL27 GOAL28</p>	<p>Indicate the importance to you personally of each of the following: 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: 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 work (paintings, sculpture, etc.) Goal: Becoming successful in a business of my own 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: Integrating spirituality into my life Goal: Improving my understanding of other countries and cultures Goal: Adopting "green" practices to protect the environment Goal: Working to correct social inequalities Goal: Working to correct economic inequalities Goal: Working to achieve greater gender equity</p>
31	<p>COLACT09 COLACT39 COLACT07 COLACT45 COLACT01 COLACT06 COLACT20 COLACT21 COLACT02 COLACT29 COLACT44 COLACT15 COLACT11 COLACT17 COLACT19 COLACT14 COLACT16 COLACT42 COLACT46</p>	<p>Since entering college, have you: 1=No 2=Yes</p> <p>Act in College: Joined a fraternity or sorority Act in College: Joined a pre-professional or departmental club Act in College: Held a full-time job (approx. 40 hours) while taking classes Act in College: Been homeless for one month or more Act in College: Attended a racial/cultural awareness workshop Act in College: Had a roommate of a different race/ethnicity Act in College: Played club, intramural, or recreational sports Act in College: Played intercollegiate athletics (e.g., NCAA or NAIA-sponsored) Act in College: Held a leadership position in an organization Act in College: Voted in a national, state, or local election Act in College: Found a faculty or staff mentor Act in College: Participated in: An internship program Act in College: Participated in: Study abroad Act in College: Participated in: Leadership training Act in College: Participated in: Student government Act in College: Participated in: An ethnic/racial student organization Act in College: Participated in: An undergraduate research program Act in College: Participated in: An LGBTQ+ student organization Act in College: Participated in: A women's advocacy group</p>
32		<p>How often have professors at your college provided you with:</p>

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	FACPRV10 FACPRV06 FACPRV02 FACPRV08 FACPRV01 FACPRV14 FACPRV11 FACPRV04 FACPRV13	1=Not at All 2=Occasionally 3=Frequently Faculty Provide: Encouragement to pursue graduate/professional study Faculty Provide: An opportunity to work on a research project Faculty Provide: Advice and guidance about your educational program Faculty Provide: Emotional support and encouragement Faculty Provide: A letter of recommendation Faculty Provide: Help to improve your study skills Faculty Provide: Feedback on your academic work (outside of grades) Faculty Provide: Encouragement to discuss coursework outside of class Faculty Provide: Help in achieving your professional goals
33	VIEW24 VIEW01 VIEW19 VIEW11 VIEW48 VIEW08 VIEW42 VIEW03 VIEW04 VIEW38 VIEW54 VIEW51 VIEW55	Please indicate your agreement with each of the following statements. 1=Strongly Disagree 2=Disagree Somewhat 3=Agree Somewhat 4=Strongly Agree View: Racial discrimination is no longer a major problem in America View: Abortion should be legal View: Marijuana should be legalized View: Dissent is a critical component of the political process View: The United States should intervene in the wars of other countries View: Colleges have the right to ban extreme speakers from campus View: Wealthy people should pay a larger share of taxes than they do now View: Addressing global climate change should be a federal priority View: Affirmative action in college admissions should be abolished View: The federal government should raise taxes to reduce the deficit View: The U.S. government should create a clear path to citizenship for undocumented immigrants View: The federal government should have stricter gun control laws View: My political views closely resemble those of my parents/guardians
34	LOANAMT_TXT	If you borrowed money to help pay for college expenses, estimate how much you will owe as of June 30, 2023.
35	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, etc.)
36	CRDEBT	Roughly how much credit card debt do you carry on a monthly basis? 1=I don't have a credit card 2=None, I pay my credit card off monthly 3=\$1-\$249 4=\$250-\$499 5=\$500-\$999 6=\$1000-\$2499 7=\$2500 or more
37	MAJORTIME	When did you decide to pursue your current academic major? 1=Prior to enrolling in college 2=After starting college but before the end of my first year 3=During my second year in college 4=After finishing my second year in college
38	SCIASSOC01 SCIASSOC02 SCIASSOC03 SCIASSOC04	To what extent are the following statements true of you: 1=Disagree Strongly 2=Disagree Somewhat 3=Neutral 4=Agree Somewhat 5=Agree Strongly 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
39		How confident are you that you can:

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		<p>1=Not at All 2=Somewhat 3=Moderately 4=Very 5=Absolutely</p> <p>SCISKILLS01 Use technical science skills (use of tools, instruments, and/or techniques) SCISKILLS02 Generate an answerable research question SCISKILLS03 Determine how to collect appropriate data SCISKILLS04 Explain the results of a study SCISKILLS05 Use scientific literature to guide research SCISKILLS06 Integrate results from multiple studies</p>
40	<p>RATE01 RATE02 RATE29 RATE30 RATE07 RATE09 RATE10 RATE31 RATE12 RATE13 RATE15 RATE18 RATE21 RATE22 RATE23 RATE25 RATE27 RATE28</p>	<p>How would you rate yourself in the following areas? (Select one in each row)</p> <p>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: Flexibility during uncertain times 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>
41	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>
42	<p>CARCON11 CARCON05 CARCON08 CARCON09 CARCON02 CARCON04 CARCON01 CARCON06 CARCON10 CARCON12 CARCON14</p>	<p>When thinking about your career path after college, how important are the following considerations:</p> <p>1=Not Important 2=Somewhat Important 3=Very Important 4=Essential</p> <p>Career Concern: Working for social change Career Concern: High income potential Career Concern: Social recognition or status Career Concern: Stable, secure future Career Concern: Creativity and initiative Career Concern: Expression of personal values Career Concern: Availability of jobs Career Concern: Leadership potential Career Concern: Work/life balance Career Concern: Ability to pay off debt Career Concern: Connection to college major</p>
43	<p>PRIMPLAN01 PRIMPLAN02 PRIMPLAN03 PRIMPLAN04 PRIMPLAN05 PRIMPLAN06</p>	<p>Do you plan to do the following in fall 2023?</p> <p>1=No 2=Yes</p> <p>Primary plans: Work full-time Primary plans: Work part-time Primary plans: Attend graduate/professional school full-time Primary plans: Attend graduate/professional school part-time Primary plans: Complete additional undergraduate coursework/Post-baccalaureate program Primary plans: Participate in a service organization like the Peace Corps, AmeriCorps/VISTA, or Teach for America</p>



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	PRIMPLAN07 PRIMPLAN08 PRIMPLAN09 PRIMPLAN10	Primary plans: Serve in the Armed Forces Primary plans: Travel Primary plans: Perform volunteer work Primary plans: Stay at home to be with or start a family
44	EMPLPLAN	With respect to being employed after graduation, which best describes the current state of your employment plans? 1=Not actively looking for a position 2=Looking, but no offers yet 3=Received an offer for a position, but declined 4=Currently considering an offer 5=Accepted an offer of employment 6=Not planning on employment this fall
45	GRADPLAN	With respect to graduate or professional school, which best describes the current state of your educational plans? 1=Accepted and will be attending in the fall 2=Accepted and deferred admission until a later date 3=Placed on waiting list, no acceptances 4=Still awaiting responses, no acceptances 5=Will be applying this coming fall 6=Not applying this fall, but might apply at a future time 7=No plans to apply to school now or in the future
46	VOTE	Are you currently registered to vote? (Select one response only) 1=No 2=Yes 3=Ineligible
47	MILITARY	Military status 1=None 2=ROTC, cadet, or midshipman at a service academy 3=In the Reserves or in the National Guard 4=On Active Duty 5=A discharged veteran <b>NOT</b> serving on Active Duty, in the Reserves, or in the National Guard
48	SRELIGION	Your current religious preference: 1=Agnostic 2=Atheist 3=Baptist 4=Buddhist 5=Church of Christ 6=Eastern Orthodox 7=Episcopalian 8=Hindu 9=Jewish 10=The Church of Jesus Christ of Latter-day Saints 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(s)/Other belief(s) 21=None
49	REENROLL	If you could make your college choice over, would you still choose to enroll at your current college? 1=Definitely no 2=Probably no 3=Probably yes 4=Definitely yes
50	SOURCESUPPORT_TEXT	Is there anything you wish to share about particular sources of support during college?: (free response)
51	SOURCESTRESS_TEXT	Is there anything you wish to share about particular sources of stress you experienced during college? (free response)
		Optional Questions 1=A 2=B 3=C 4=D 5=E
52	OPT01	Optional Question 1
53	OPT02	Optional Question 2
54	OPT03	Optional Question 3

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55	OPT04	Optional Question 4
56	OPT05	Optional Question 5
57	OPT06	Optional Question 6
58	OPT07	Optional Question 7
59	OPT08	Optional Question 8
60	OPT09	Optional Question 9
61	OPT10	Optional Question 10
62	OPT11	Optional Question 11
63	OPT12	Optional Question 12
64	OPT13	Optional Question 13
65	OPT14	Optional Question 14
66	OPT15	Optional Question 15
67	OPT16	Optional Question 16
68	OPT17	Optional Question 17
69	OPT18	Optional Question 18
70	OPT19	Optional Question 19
71	OPT20	Optional Question 20
72	OPTOE1	Optional Open-Ended Question 1
73	OPTOE2	Optional Open-Ended Question 2
74	OPTOE3	Optional Open-Ended Question 3
75	OPTOE4	Optional Open-Ended Question 4
76	OPTOE5	Optional Open-Ended Question 5
<b>College Senior Survey - Computed Variables</b>		
	SURVTYPE	Type of survey returned 1=Paper 2=Web
	SUBMITDATE	Date web survey submitted.
	SEX	Recoded Genderidentity 1=Man 2=Woman 3=Genderqueer, Non-binary, gender non-conforming, other identity
	NORMSTAT	Graduating Senior Status 1=Graduating senior 2=Not graduating senior
	RACEGROUP	Race/Ethnicity Group 1=Native American/Alaska Native 2=Asian/Pacific Islander 3=Black/African American 4=Latina/o/e/x 5=White 6=Other Race/Ethnicity 7=Two or more Races/Ethnicities
	MAJOR1A MAJOR2A GRADMAJORA	Primary undergraduate major aggregated Secondary undergraduate major aggregated Planned graduate major aggregated 1=Agriculture 2=Biological Sciences 3=Business 4=Education 5=Engineering 6=English 7=Health Professional 8=History or Political Science 9=Arts and Humanities 10=Fine Arts 11=Mathematics or Computer Science 12=Physical Science 13=Social Science 14=Other Technical 15=Other Non-technical 16=General Studies
	CAREERA	Probable career/occupation aggregated 1=Artist 2=Business 3=Business (clerical) 4=Clergy 5=Educators



2023 College Senior Survey (Codebook)

- 6=Education Administrator
- 7=Doctor (MD or DDS or DVM)
- 8=Engineer
- 9=IT Professional
- 10=Farmer or Forester
- 11=Health Professional
- 12=Homemaker (Full-Time)
- 13=Lawyer
- 14=Military (career)
- 15=Nurse
- 16=Research Scientist
- 17=Social/Welfare/Rec Worker
- 18=Skilled Worker
- 19=Other Choice
- 20=Undecided

**CIRP Freshman Survey - Matched Responses**  
**(NOTE: Question numbers reflect the 2019 Freshman Survey)**

	CSSFLAG	TFS YFCY CSS Flag 1=CSS data only  2=TFS and CSS data 3=YFCY and CSS data 4=TFS YFCY and CSS data
	YEAR_TFS	TFS Year
	MATCHLEVEL_TFS	Type of Match TFS to CSS 1=Student ID, DOB 2=Student ID, FULL NAME 3=Student ID 4=Full name, DOB 5=Email 6=Full name, DOB 7=First two initial first name, last name, DOB 8=Last name, DOB 9=First two initial first name, last name, gender 10=No match
	SUBJID_TFS	Subject I.D.
	RRACE_TFS	Responded to race 1 = No 2 = Yes
	SEXIMP_TFS	Sex imputed
	STUDSTAT_TFS	Student status
	NORMSTAT_TFS	Norms status
	STUDWGT_TFS	Student weight
	PARTIAL_TFS	Partial web response
	AGE1_TFS	How old will you be on December 31 of this year? 1=16 or younger 2=17 3=18 4=19 5=20 6=21 or older
	AGE2_TFS	How old will you be on December 31 of this year? 1=16 or younger 2=17 3=18 4=19 5=20 6=21 or older
	SURVTYPE_TFS	Survey Type
	RACEGROUP_TFS	Race/Ethnicity Group 1=American Indian/Alaska Native 2=Asian/Pacific Islander 3=Black/African American 4=Latina/o/x 5=White 6=Other Race/Ethnicity 7=Two or more Races/Ethnicities

2023 College Senior Survey (Codebook)

	FIRSTGEN_TFS	First generation status based on parent(s) with less than 'some college' 1 = No 2 = Yes
1	TRANSGENDER_TFS	Do you identify as transgender? 1=No 2=Yes
2	GENDERIDENTITY_TFS	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	LGBTQIDEN_TFS	What is your sexual orientation? 1=Heterosexual/Straight 2=Gay 3=Lesbian 4=Bisexual 5=Queer 6=Pansexual 7=Asexual 8=Not listed above
4	YRGRADHS_TFS	In what year did you graduate from high school? (Mark <u>one</u> ) 1=2019 2=2018 3=2017 4=2016 or earlier 5=Did not graduate but passed G.E.D. test 6=Never completed high school
5	FULLSTAT_TFS	Are you enrolling: (Mark one) 1 = Part-time 2 = Full-time
6	DISTHOME_TFS	How many miles is this college from your permanent home? (Mark <u>one</u> ) 1 = 5 or less 2 = 6 to 10 3 = 11 to 50 4 = 51 to 100 5 = 101 to 500 6 = Over 500
7	HSGPA_TFS	What was your average grade in high school? (Mark <u>one</u> ) 1 = D 2 = C 3 = C+ 4 = B- 5 = B 6 = B+ 7 = A- 8 = A or A+
8	PREVCRED_TFS	Prior to this term, have you ever taken courses for credit at <u>this</u> institution? 1=No 2=Yes
9	OTHRCOLL_TFS	Since leaving high school, have you ever taken courses, whether for credit or not for credit, at <u>any other</u> institution? 1=No 2=Yes
10	SATV_TFS SATM_TFS ACTCOMP_TFS	What were your scores on the SAT and/or ACT? SAT Critical Reading SAT Mathematics ACT Composite
11	HSTYPE2_TFS	From what kind of high school did you graduate? (Mark <u>one</u> ) 1 = Public school ( <u>not</u> charter or magnet) 2 = Public charter school 3 = Public magnet school 4 = Private religious/parochial school 5 = Private independent college-prep school 6 = Home school
12	RACE12_TFS RACE8_TFS RACE1_TFS	Are you: (Mark <u>all</u> that apply) 1=Not marked 2=Marked White/Caucasian African American/Black American Indian/Alaska Native

## 2023 College Senior Survey (Codebook)

	RACE2_TFS RACE3_TFS RACE4_TFS RACE5_TFS RACE6_TFS RACE7_TFS RACE9_TFS RACE10_TFS RACE14_TFS RACE11_TFS RACE13_TFS	East Asian (e.g., Chinese, Japanese, Korean, Taiwanese) Filipina/o/x Southeast Asian (e.g., Cambodian, Vietnamese, Hmong) 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 Latina/o/x Other
13	SUMBRIDGE_TFS	Did you participate in a bridge program at this institution this summer? 1=No 2=Yes
14	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
15	ACCP1ST_TFS	Were you accepted by your first choice college? 1=No 2=Yes
16	CHOICE_TFS	Choice: Is this college your: (Mark <u>one</u> ) 1=Less than third choice 2=Third choice 3=Second choice 4=First choice
17	CITIZEN_TFS	Citizenship status: (Mark <u>one</u> ) 1=None of the above 2=International student (i.e., F-1, J-1, or M-1 visa) 3=Permanent resident (green card) 4=U.S. citizen
18	MATH2_TFS MATH3_TFS MATH4_TFS MATH5_TFS MATH6_TFS	Please mark which of the following courses you have completed: 1=No 2=Yes Courses Completed: Pre-calculus/Trigonometry Courses Completed: Probability and Statistics Courses Completed: Calculus Courses Completed: AP Probability and Statistics Courses Completed: AP Calculus
19	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? (Mark <u>one</u> for each item) 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
20	APEXAM2_TFS	On how many AP exams did you score a 3 or higher? 1 = None 2 = 1-2 3 = 3-4 4 = 5-6



2023 College Senior Survey (Codebook)

		5 = 7-8 6 = 9 or more
21	PHYEAR01_TFS PHYEAR02_TFS PHYEAR03_TFS PHYEAR04_TFS PHYEAR05_TFS	Which years did you take physics in high school? (Mark all that apply) 9th 10th 11th 12th Did not take physics
22	PARSEX1_TFS PARSEX2_TFS	Please refer to the same Parent/Guardian throughout this survey. Please mark the sex of your parent(s) or guardian(s). 1=Male 2=Female Parent/Guardian 1 Parent/Guardian 2
23	PREMED_TFS PRELAW_TFS	Do you consider yourself: (Mark Yes or No for <u>each</u> item) Pre-Med Pre-Law 1=No 2=Yes
24	MAJOR_TFS	Student's probable field of study/major 001=Art, fine and applied 002=Classical and Modern Languages and Literature 003=English (language & literature) 004=History 005=Journalism/Communication 006=Media/Film Studies 007=Music 008=Philosophy 009=Theatre/Drama 010=Theology/Religion 011=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 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/Art Education 338=Physical Education/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

**2023 College Senior Survey (Codebook)**

	<p>MAJOR (con't)</p>	<p>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/Statistics  665=Other Math and Computer Science  766=Astronomy &amp; Astrophysics  767=Atmospheric Sciences  768=Chemistry  769=Earth &amp; Planetary Sciences  770=Marine Sciences  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=Security &amp; Protective Services  988=Military Sciences/Technology/Operations  989=Other  990=Undecided</p>
<p>25</p>	<p>SCAREER_TFS  PCAREER1_TFS  PCAREER2_TFS</p>	<p>Please indicate your intended career as well as the careers of your parents/guardians.  <u>Your</u> intended Career  <u>Parent/Guardian 1</u> Career  <u>Parent/Guardian 2</u> 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 Relations/Media Relations</p>

**2023 College Senior Survey (Codebook)**

		<p>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=Clinical Psychologist                  37=Dentist/Orthodontist                  38=Dietitian/Nutritionist                  39=Home Health Care Worker                  40=Medical/Dental Assistant (e.g., Hygienist, Lab Tech, Nursing Asst.)                  41=Medical Doctor/Surgeon                  42=Mental Health Professional                  43=Optometrist                  44=Pharmacist                  45=Physician Assistant                  46=Registered Nurse                  47=Social Worker                  48=Therapist (e.g., Physical, Occupational, Speech)                  49=Veterinarian                  50=Computer Programmer/Developer                  51=Computer Systems Analyst                  52=Web Designer                  53=Lawyer/Judge                  54=Paralegal                  55=Engineer                  56=Research Scientist (e.g., Biologist, Chemist, Physicist)                  57=Urban Planner/Architect                  58=Custodian/Janitor/Housekeeper                  59=Food Service (e.g., Chef/Cook, Server)                  60=Hair Stylist/Aesthetician/Manicurist                  61=Interior Designer                  62=Skilled Trades (e.g., Plumber, Electrician, Construction)                  63=Social/Non-Profit Services                  64=Clergy                  65=Homemaker/Stay at home parent                  66=Other                  67=Undecided</p>
26	<p>PEMPLOY1_TFS PEMPLOY2_TFS</p>	<p>Current employment status: (Mark <u>one</u> in each row)                  Parent/Guardian 1                  Parent/Guardian 2                  1=Employed                  2=Seasonally Employed                  3=Unemployed                  4=Retired</p>
27	<p>AID1_TFS AID2_TFS AID3_TFS AID4_TFS</p>	<p>How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from <u>each</u> of the sources listed below? (Mark <u>one</u> answer for <u>each</u> possible source)                  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 <u>not</u> be repaid (grants, scholarships, military funding, etc.)                  Aid: Aid which <u>must</u> be repaid (loans, etc.)</p>
28	<p>AIDTYPE1_TFS AIDTYPE2_TFS</p>	<p>Did you receive any of the following forms of financial aid? (Mark Yes or No for <u>each</u> item)                  1=No                  2=Yes                  Military grants                  Work-study</p>

**2023 College Senior Survey (Codebook)**

	AIDTYPE3_TFS AIDTYPE4_TFS AIDTYPE5_TFS	Pell Grant Need-based grants or scholarships Merit-based grants or scholarships
29	INCOME_TFS	What is your <u>best estimate</u> of your parents'/guardians' total income last year? Consider income from all sources before taxes. (Mark <u>one</u> ) 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
30	HOMELESS_TFS	In your lifetime, have you been homeless for at least one month? 1=No 2=Yes
31	FINCON_TFS	Do you have any concern about your ability to finance your college education? (Mark <u>one</u> ) 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)
32	SRELIGION_TFS PRELIG1_TFS PRELIG2_TFS	Current religious preference: (Mark <u>one</u> in each column) Yours Parent/Guardian 1 Parent/Guardian 2 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(s)/belief(s) 21=None
33	DEGASP_TFS HIDEGREE_TFS	What is the highest academic degree that you intend to obtain? (Mark <u>one</u> in each column) Highest planned Highest planned at this college 1=None 2=Vocational certificate 3=Associate (A.A. or equivalent) 4=Bachelor's (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
34	ACT03_TFS	In the past year, how often have you: (Mark <u>one</u> for each item) 1=Not at All 2=Occasionally 3=Frequently Act in Past Year: Attended a religious service

2023 College Senior Survey (Codebook)

	<p>ACT33_TFS ACT07_TFS ACT27_TFS ACT26_TFS ACT10_TFS ACT11_TFS ACT15_TFS ACT14_TFS ACT20_TFS ACT01_TFS ACT25_TFS ACT04_TFS ACT08_TFS ACT23_TFS ACT22_TFS ACT16_TFS ACT13_TFS ACT12_TFS ACT37_TFS ACT38_TFS ACT39_TFS</p>	<p>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: Socialized with someone of another racial/ethnic group Act in Past Year: Been late to class 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 Act in Past Year: Written computer code Act in Past Year: Felt hungry but did not eat because I didn't have enough money for food</p>
35	<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: (Mark <u>one</u> for each item)</p> <p>1=Major Weakness 2=Somewhat Weak 3=Average 4=Somewhat Strong 5=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>
36	<p>PAREduc1_TFS PAREduc2_TFS</p>	<p>What is the highest level of formal education obtained by your parents/guardians? (Mark <u>one</u> in each column)</p> <p>Parent/Guardian 1 Parent/Guardian 2</p> <p>1=Junior high/Middle school or less 2=Some high school 3=High school graduate/ GED 4=Postsecondary school other than college 5=Some college 6=College degree 7=Some graduate school 8=Graduate degree</p>
37	<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? (Mark <u>one</u> for each item)</p> <p>1=Not at All 2=Occasionally 3=Frequently</p> <p>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>
38	<p>SCISKILLS01_TFS</p>	<p>How confident are you that you can: (Mark <u>one</u> in each row)</p> <p>1=Not at All 2=Somewhat 3=Moderately 4=Very 5=Absolutely</p> <p>Science Skill: Use technical science skills (use of tools, instruments, and/or techniques)</p>

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	<p>SCISKILLS02_TFS SCISKILLS03_TFS SCISKILLS04_TFS SCISKILLS05_TFS SCISKILLS06_TFS SCISKILLS07_TFS SCISKILLS08_TFS SCISKILLS09_TFS SCISKILLS10_TFS</p>	<p>Science Skill: Generate an answerable 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>
39	POLVIEW_TFS	<p>How would you characterize your political views? (Mark <u>one</u>)</p> <p>1=Far right 2=Conservative 3=Middle-of-the-road 4=Liberal 5=Far left</p>
40	<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? (Mark <u>one</u> answer for each possible reason)</p> <p>1=Not Important 2=Somewhat Important 3=Very Important</p> <p>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>
41	<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>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. (Mark <u>one</u> in each row)</p> <p>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>
42	<p>VIEW18_TFS VIEW02_TFS VIEW05_TFS VIEW31_TFS VIEW32_TFS VIEW34_TFS VIEW04_TFS VIEW27_TFS VIEW10_TFS VIEW40_TFS</p>	<p>Mark <u>one</u> in each row:</p> <p>1=Strongly Disagree 2=Disagree Somewhat 3=Agree Somewhat 4=Strongly Agree</p> <p>View: Racial discrimination is no longer a major problem in America View: Abortion should be legal View: Colleges have the right to ban extreme speakers from campus View: Wealthy people should pay a larger share of taxes than they do now View: Addressing global climate change should be a federal priority View: The federal government should have stricter gun control laws View: Affirmative action in college admissions should be abolished View: The federal government should raise taxes to reduce the deficit View: Gays and lesbians should have the legal right to adopt a child View: The U.S. government should create a clear path to citizenship for undocumented immigrants</p>

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	VIEW41_TFS	View: My political views closely resemble those of my parent(s)/guardian(s)
43	CHOOSE31_TFS CHOOSE17_TFS CHOOSE25_TFS CHOOSE32_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 CHOOSE34_TFS CHOOSE35_TFS	View: My political views closely resemble those of my parent(s)/guardian(s)  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? (Mark <u>one</u> answer for each possible reason) 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 Choose to Attend: Communication with a professor Choose to Attend: The academic reputation of my intended major
44	HPW01_TFS HPW02_TFS HPW15_TFS HPW09_TFS HPW05_TFS HPW08_TFS HPW04_TFS HPW06_TFS HPW10_TFS	During your last year in high school, how much time did you spend during a typical week: 1=None 2=Less than 1 hour 3=1 to 2 4=3 to 5 5=6 to 10 6=11 to 15 7=16 to 20 8=Over 20  Hours per Week: Studying/homework Hours per Week: Socializing with friends in person Hours per Week: Using social media Hours per Week: Watching TV/online video content (e.g., Amazon, Hulu, Netflix, YouTube) Hours per Week: Partying Hours per Week: Participating in student clubs/groups Hours per Week: Exercising/sports Hours per Week: Working (for pay) Hours per Week: Performing household/childcare duties
45	MILITARY_TFS	Military Status: (Mark <u>one</u> ) 1=None 2=ROTC, cadet, or midshipman at a service academy 3=In the Reserves or National Guard 4=On Active Duty 5=A discharged veteran <b>NOT</b> serving on Active Duty, in Reserves, or in National Guard
46	EXPGRAD_TFS	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
47	SCICAREER_TFS	Will you pursue a science-related research career? (Mark <u>one</u> ) 1=Definitely no 2=Probably no 3=Uncertain 4=Probably yes 5=Definitely yes
48	NATENGSP_TFS	Is English your primary language? 1 = No

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		2 = Yes
49	DISAB01_TFS DISAB02_TFS DISAB03_TFS DISAB04_TFS DISAB05_TFS DISAB06_TFS DISAB07_TFS	50. Do you have any of the following disabilities or medical conditions? (Mark Yes or No for <u>each</u> item) 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
50	SCIASSOC01_TFS SCIASSOC02_TFS SCIASSOC03_TFS SCIASSOC04_TFS	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 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
51	GOAL03_TFS GOAL04_TFS GOAL20_TFS GOAL16_TFS GOAL15_TFS 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	Please indicate the importance to you personally of each of the following: (Mark <u>one</u> for each item) 1=Not Important 2=Somewhat Important 3=Very Important 4=Essential Goal: Becoming accomplished in one of the performing arts (acting, dancing, etc.) Goal: Becoming an authority in my field 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: Becoming successful in a business of my own Goal: Becoming involved in programs to clean up the environment 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: Integrating spirituality into my life
52	FUTACT05_TFS FUTACT04_TFS FUTACT23_TFS FUTACT12_TFS FUTACT17_TFS FUTACT24_TFS FUTACT32_TFS FUTACT25_TFS FUTACT29_TFS FUTACT22_TFS FUTACT21_TFS FUTACT34_TFS FUTACT14_TFS FUTACT31_TFS FUTACT35_TFS FUTACT39_TFS FUTACT38_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 fraternity or sorority Future Act: Participate in student protests or demonstrations Future Act: Transfer to another college before graduating Future Act: Participate in volunteer or community service work Future Act: Seek personal counseling 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
<b>TFS - Computed Variables</b>		



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	MAJORA_TFS	TFS Aggregated Major 1=Agriculture 2=Biological Sciences 3=Business 4=Education 5=Engineering 6=English 7=Health Professional 8=History or Political Science 9=Arts and Humanities 10=Fine Arts 11=Mathematics or Computer Science 12=Physical Science 13=Social Science 14=Other Technical 15=Other Non-technical 16=Undecided
	SCAREERA_TFS PCAREER1A_TFS PCAREER2A_TFS	Probable career/occupation aggregated 1=Artist 2=Business 3=Business (clerical) 4=Clergy 5=Educators 6=Education Administrator 7=Doctor (MD or DDS or DVM) 8=Engineer 9=IT Professional 10=Farmer or Forester 11=Health Professional 12=Homemaker (Full-Time) 13=Lawyer 14=Military (career) 15=Nurse 16=Research Scientist 17=Social/Welfare/Rec Worker 18=Skilled Worker 19=Other Choice 20=Undecided
<b>YFCY Survey - Matched Responses</b> <b>(NOTE: Question numbers reflect the 2020 Your First College Year Survey)</b>		
	YFCYYEAR	YFCY Year
	MATCHLEVEL_YFCY	Type of Match YFCY to CSS 1=Student ID, DOB 2=Student ID, FULL NAME 3=Student ID 4=Full name, DOB 5=Email 6=Full name, DOB 7=First two initial first name, last name, DOB 8=Last name, DOB 9=First two initial first name, last name, gender 10=No match
	SUBJID_YFCY	Subject I.D.
	STUID_YFCY	Student I.D. as entered on form
	SEX_YFCY	Your Sex:
	SEXIMP_YFCY	Sex imputed
	RRACE_YFCY	Did participant respond to race
1	ENRLSTAT_YFCY	Are you currently a full-time or part-time student? 1=Not enrolled 2=Part-time undergraduate 3=Full-time undergraduate
2		What year did you first enter: 1=2019 or 2020 2=2018 3=2017 4=2016 5=2015 or earlier

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	ENTER1ST_YFCY ENTERCUR_YFCY	What year did you first enter your 1st college? What year did you first enter this college?
3	TRANSGENDER_YFCY	Do you identify as transgender? 1=No 2=Yes
4	GENDERIDENTITY_YFCY	What is your current gender identity? 1=Man/Trans Man 2=Woman/Trans Woman 3=Non-binary 4=Gender queer/Gender non-conforming 5=Identity not listed above
5	RACE01_YFCY RACE02_YFCY RACE03_YFCY RACE10_YFCY RACE11_YFCY RACE12_YFCY RACE13_YFCY RACE14_YFCY RACE05_YFCY RACE06_YFCY RACE07_YFCY RACE16_YFCY RACE15_YFCY RACE08_YFCY RACE09_YFCY	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) South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan) Other Asian Native Hawaiian/Pacific Islander Mexican American/Chicana/o/x Puerto Rican Central American South American Other Hispanic or Latina/o/x Other
6	LGBTQIDEN_YFCY	What is your sexual orientation? 1=Heterosexual/Straight 2=Asexual 3=Bisexual 4=Gay 5=Lesbian 6=Pansexual 7=Queer 8=Not listed above [Free response]
7	MNDHAB03_YFCY MNDHAB12_YFCY MNDHAB11_YFCY MNDHAB13_YFCY MNDHAB09_YFCY MNDHAB07_YFCY MNDHAB05_YFCY MNDHAB02_YFCY MNDHAB06_YFCY MNDHAB15_YFCY	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: 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	INTACT05_YFCY INTACT06_YFCY INTACT01_YFCY INTACT07_YFCY INTACT02_YFCY INTACT04_YFCY INTACT11_YFCY INTACT12_YFCY	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

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9	FINCON_YFCY	<p>Do you have any concern about your ability to finance your college education?</p> <p>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)</p>
10	<p>AID1_YFCY AID2_YFCY AID3_YFCY AID4_YFCY</p>	<p>How much of the past year's educational expenses (room, board, tuition, and fees) were covered from each of the following sources?</p> <p>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</p> <p>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)</p>
11	<p>AFFACT03_YFCY AFFACT02_YFCY AFFACT12_YFCY AFFACT13_YFCY AFFACT07_YFCY AFFACT09_YFCY AFFACT08_YFCY AFFACT01_YFCY AFFACT05_YFCY AFFACT06_YFCY AFFACT04_YFCY</p>	<p>Since entering this college, how often have you felt:</p> <p>1=Not at all 2=Occasionally 3=Frequently</p> <p>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</p>
12	<p>SATIS10_YFCY SATIS25_YFCY SATIS03_YFCY SATIS04_YFCY SATIS06_YFCY SATIS13_YFCY SATIS11_YFCY SATIS27_YFCY SATIS01_YFCY SATIS21_YFCY SATIS07_YFCY SATIS08_YFCY SATIS20_YFCY SATIS26_YFCY SATIS16_YFCY SATIS15_YFCY SATIS09_YFCY SATIS28_YFCY SATIS29_YFCY</p>	<p>Please rate your satisfaction with your college in each area: (Mark <u>one</u> in each row)</p> <p>1=Can't Rate/No Experience 2=Very Dissatisfied 3=Dissatisfied 4=Neutral 5=Satisfied 6=Very Satisfied</p> <p>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 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 Satisfaction: Mentoring received from staff</p>
13	<p>RATE02_YFCY RATE04_YFCY RATE05_YFCY RATE29_YFCY</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.</p> <p>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</p>

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	<p>RATE09_YFCY RATE11_YFCY RATE12_YFCY RATE15_YFCY RATE16_YFCY RATE18_YFCY RATE20_YFCY RATE22_YFCY RATE23_YFCY RATE24_YFCY RATE26_YFCY RATE27_YFCY RATE28_YFCY</p>	<p>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_YFCY EASY6_YFCY EASY1_YFCY EASY8_YFCY EASY4_YFCY</p>	<p>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</p>
15	<p>DIVRATE2_YFCY DIVRATE5_YFCY DIVRATE4_YFCY DIVRATE1_YFCY DIVRATE3_YFCY DIVRATE6_YFCY DIVRATE7_YFCY</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>
16	<p>ACT02_YFCY ACT04_YFCY ACT07_YFCY ACT31_YFCY ACT13_YFCY ACT14_YFCY ACT46_YFCY ACT47_YFCY ACT48_YFCY ACT49_YFCY ACT16_YFCY ACT15_YFCY ACT25_YFCY ACT42_YFCY ACT01_YFCY ACT40_YFCY ACT43_YFCY ACT05_YFCY ACT41_YFCY ACT24_YFCY ACT12_YFCY ACT08_YFCY ACT19_YFCY ACT50_YFCY ACT17_YFCY ACT18_YFCY ACT27_YFCY</p>	<p>Since entering this college, how often have you: 1=Not at all 2=Occasionally 3=Frequently 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 Act: Consumed beer Act: Consumed wine or liquor Act: Vaped/used e-cigarettes Act: Consumed marijuana/cannabis Act: Consumed non-THC marijuana/cannabis alternatives (e.g., CBD, CBD oils, CBD topical applications) Act: Consumed a controlled substance to boost your academic performance (e.g., Ritalin, Adderall) 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 difficulty concentrating on a task 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)</p>

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	ACT44_YFCY ACT45_YFCY	Act: Felt anxious Act: Written computer code
17	COLOPN20_YFCY COLOPN27_YFCY COLOPN44_YFCY COLOPN48_YFCY COLOPN49_YFCY COLOPN17_YFCY COLOPN04_YFCY COLOPN28_YFCY COLOPN02_YFCY COLOPN16_YFCY  COLOPN34_YFCY COLOPN14_YFCY COLOPN01_YFCY COLOPN13_YFCY COLOPN19_YFCY COLOPN46_YFCY COLOPN47_YFCY COLOPN51_YFCY	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, immigration/citizenship status, 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/gender identity, sexual orientation, immigration/citizenship status, 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
18	CURRGPA_YFCY	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+
19	CMPSAT01_YFCY CMPSAT08_YFCY CMPSAT09_YFCY CMPSAT15_YFCY CMPSAT03_YFCY CMPSAT10_YFCY CMPSAT11_YFCY CMPSAT06_YFCY CMPSAT12_YFCY CMPSAT02_YFCY CMPSAT07_YFCY CMPSAT05_YFCY CMPSAT16_YFCY CMPSAT17_YFCY CMPSAT18_YFCY	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: 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
20	CONTRIB01_YFCY CONTRIB02_YFCY CONTRIB03_YFCY CONTRIB04_YFCY	Please rate your agreement with the following statements: This institution has contributed to my: 1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree  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

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	<p>CONTRIB05_YFCY CONTRIB06_YFCY CONTRIB07_YFCY CONTRIB08_YFCY CONTRIB09_YFCY</p>	<p>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_YFCY ETHEXP06_YFCY ETHEXP12_YFCY ETHEXP04_YFCY ETHEXP08_YFCY ETHEXP07_YFCY ETHEXP05_YFCY ETHEXP03_YFCY ETHEXP11_YFCY ETHEXP10_YFCY ETHEXP09_YFCY</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 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_YFCY</p>	<p>Where did you primarily live while attending college this past year?</p> <p><b>On Campus</b></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><b>Off Campus</b></p> <p>10=At home with family 11=Fraternity or sorority house 12=Rented apartment or house 13=Other</p>
23	<p>GOAL03_YFCY GOAL04_YFCY GOAL18_YFCY GOAL06_YFCY GOAL21_YFCY GOAL17_YFCY GOAL16_YFCY GOAL24_YFCY GOAL07_YFCY GOAL12_YFCY GOAL20_YFCY GOAL27_YFCY GOAL08_YFCY GOAL09_YFCY GOAL22_YFCY GOAL13_YFCY GOAL19_YFCY GOAL02_YFCY GOAL14_YFCY GOAL05_YFCY</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>
24		<p>Since entering this college have you:</p> <p>1=No</p>

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	<p>COLACT06_YFCY COLACT23_YFCY COLACT08_YFCY COLACT32_YFCY COLACT31_YFCY COLACT07_YFCY</p> <p>COLACT14_YFCY COLACT47_YFCY COLACT27_YFCY COLACT36_YFCY COLACT37_YFCY</p>	<p>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	<p>COLACT04_YFCY COLACT10_YFCY COLACT48_YFCY COLACT11_YFCY COLACT43_YFCY COLACT44_YFCY COLACT21_YFCY COLACT22_YFCY COLACT25_YFCY COLACT26_YFCY COLACT09_YFCY COLACT01_YFCY COLACT02_YFCY COLACT42_YFCY COLACT45_YFCY COLACT49_YFCY COLACT17_YFCY COLACT15_YFCY COLACT39_YFCY COLACT41_YFCY COLACT46_YFCY</p>	<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: 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: Been made aware of your college's academic dishonest policy (e.g., plagiarism, cheating) 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: Participated in: A women's advocacy group</p>
26	<p>CRDEBT_YFCY</p>	<p>Roughly how much credit card debt do you carry on a monthly basis?</p> <p>1=I don't have a credit card 2=None, I pay my credit card off monthly 3=\$1-\$249 4=\$250-\$499 5=\$500-\$999 6=\$1000-\$2499 7=\$2500 or more</p>
27	<p>HPW01_YFCY HPW12_YFCY HPW10_YFCY HPW05_YFCY HPW06_YFCY HPW11_YFCY HPW15_YFCY HPW03_YFCY HPW17_YFCY HPW16_YFCY HPW04_YFCY HPW02_YFCY HPW18_YFCY</p>	<p>Since entering this college, how much time have you spent during a typical week doing the following activities?</p> <p>1=None 2=&lt; 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: Watching TV/online video content (e.g., Amazon, Hulu, Netflix, YouTube) 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: Meditated/Participated in mindfulness activity</p>

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28	<p>CLSACT20_YFCY CLSACT30_YFCY CLSACT04_YFCY CLSACT05_YFCY CLSACT18_YFCY CLSACT17_YFCY CLSACT03_YFCY CLSACT26_YFCY CLSACT21_YFCY CLSACT07_YFCY CLSACT25_YFCY CLSACT24_YFCY CLSACT13_YFCY CLSACT06_YFCY CLSACT08_YFCY CLSACT09_YFCY CLSACT28_YFCY CLSACT01_YFCY CLSACT10_YFCY CLSACT22_YFCY</p>	<p>Since entering this college, indicate how often have you:</p> <p>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>
29	POLIVIEW_YFCY	<p>How would you characterize your political views?</p> <p>1=Far right 2=Conservative 3=Middle-of-the-road 4=Liberal 5=Far left</p>
30	VOTE_YFCY	<p>Are you currently registered to vote?</p> <p>1=No 2=Yes 3=Ineligible</p>
31	DO_OVER_YFCY	<p>If given the choice, would you still choose to enroll at your current (or most) recent college?</p> <p>1=Not sure yet 2=Definitely no 3=Probably no 4=Probably yes 5=Definitely yes</p>
32	<p>SERVICES01_YFCY SERVICES02_YFCY SERVICES03_YFCY SERVICES04_YFCY SERVICES05_YFCY SERVICES06_YFCY SERVICES07_YFCY SERVICES08_YFCY SERVICES09_YFCY</p>	<p>Since entering this college, how often have you utilized the following services:</p> <p>1=Not at all 2=Occasionally 3=Frequently</p> <p>Services: Study skills advising Services: Financial aid advising Services: Student health services Services: Student psychological services Services: Writing center Services: Disability resource center Services: Career services Services: Academic advising Services: Campus safety services (Safe Walk, Public Safety/Police Dept., etc.)</p>
33	PLAN_YFCY	<p>What do you think you will be doing in fall 2020?</p> <p>1=Attending your current (or most recent) institution 2=Attending another institution 3=Don't know/have not decided yet 4=Not attending any institution</p>
34	MILITARY_YFCY	<p>Military Status:</p> <p>1= None 2= ROTC, cadet, or midshipman at a service academy 3= In Reserves or National Guard 4= On Active Duty 5= A discharged veteran NOT serving on Active Duty, in the Reserves, or in the National Guard</p>
35	MAJOR_YFCY	<p>Please indicate your current major</p> <p>1= Art, fine and applied 2= Classical and Modern Languages and Literature</p>



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- 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
- 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

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		<p>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 &amp; Protective Services  989= OTHER  990= UNDECIDED</p>
36	<p>DISAB01_YFCY  DISAB02_YFCY  DISAB03_YFCY  DISAB04_YFCY  DISAB05_YFCY  DISAB06_YFCY  DISAB07_YFCY</p>	<p>Do you have any of the following disabilities or medical conditions?  1=No  2=Yes  Disability: Learning disability (dyslexia, etc.)  Disability: Attention-deficit/hyperactivity disorder (ADHD)  Disability: Autism spectrum disorder  Disability: Physical disability (speech, sight, mobility, hearing, etc.)  Disability: Chronic illness (cancer, diabetes, autoimmune disorders, etc.)  Disability: Psychological disorder (depression, anxiety, PTSD, etc.)  Disability: Other</p>
37	<p>SCIASSOC01_YFCY  SCIASSOC02_YFCY  SCIASSOC03_YFCY  SCIASSOC04_YFCY</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>
38	<p>SCISKILLS01_YFCY  SCISKILLS02_YFCY  SCISKILLS03_YFCY  SCISKILLS04_YFCY  SCISKILLS05_YFCY  SCISKILLS06_YFCY  SCISKILLS07_YFCY  SCISKILLS08_YFCY  SCISKILLS09_YFCY  SCISKILLS10_YFCY</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  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>
39	<p>SCICAREER_YFCY</p>	<p>Will you pursue a science-related research career?  1=Definitely no  2=Probably no  3=Uncertain  4=Probably yes  5=Definitely yes</p>
40	<p>TRANSFER_YFCY</p>	<p>Did you transfer to this institution from another college/university?  1=No  2=Yes</p>
41	<p>NATENGSP_YFCY</p>	<p>Is English your primary language?  1=No</p>

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		2=Yes
42	SUMMPLAN01_YFCY SUMMPLAN02_YFCY SUMMPLAN03_YFCY SUMMPLAN04_YFCY SUMMPLAN05_YFCY SUMMPLAN06_YFCY	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
<b>Your First College Year Survey - Computed Variables</b>		
	RACEGROUP_YFCY	Race/Ethnicity Group 1=American Indian/Alaska Native 2=Asian/Pacific Islander 3=Black/African American 4=Latina/o/x 5=White 6=Other Race/Ethnicity 7=Two or more Races/Ethnicities
	MAJORA_YFCY	YFCY Aggregated Major
	NORMSTAT_YFCY	YFCY FTFT Status 1=YFCY First-time, full-time 2=Not First-time, full-time
<b>Institutional Characteristics</b>		
	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 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

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*	STATE	Institution's state
*	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
	SELECTIVITY	Institutional Selectivity
	INSTTYPE	Institution Type 1=4-year College 2=University
	INSTCONT	Institution Control 1=Public 2=Private
	BILLABLE	Partial survey completed 1=No, exclude from billing and reporting 2=Yes, include in billing and reporting
*	COMPGROUP1	Comparison Group 1 1=Public Universities 2=Private Universities 3=Public 4yr Colleges 4=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 Universities, 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
<b>CSS Constructs - Scores</b>		
	HABITS_OF_MIND 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 SCIENCE_IDENTITY SCIENCE_SELF_EFFICACY	CSS Habits of Mind Score CSS Academic Disengagement Score CSS Student-Faculty Interaction Score CSS Satisfaction with Courses Score CSS Overall Satisfaction Score CSS Sense of Belong Score CSS Academic Self-Concept Score CSS Social Self-Concept Score CSS Pluralistic Orientation Score CSS Positive Cross-Racial Interaction Score CSS Negative Cross-Racial Interaction Score CSS Social Agency Score CSS Civic Awareness Score CSS Leadership Score CSS Civic Engagement Score CSS Science Identity Score CSS Science Self-Efficacy Score
<b>CSS Constructs - Groups</b>		
	HABITS_OF_MIND_GRP ACAD_DISENGAGEMENT_GRP FAC_INTERACTION_GRP SATIS_COURSES_GRP SATIS_OVERALL_GRP SENSE_BELONG_GRP	CSS Habits of Mind Group CSS Academic Disengagement Group CSS Student-Faculty Interaction Group CSS Satisfaction with Courses Group CSS Overall Satisfaction Group CSS Sense of Belonging Group

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<p>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 SCIENCE_IDENTITY_GRP SCIENCE_SELF_EFFICACY_GRP</p>	<p>CSS Academic Self-Concept Group CSS Social Self-Concept Group CSS Pluralistic Orientation Group CSS Positive Cross-Racial Interaction Group CSS Negative Cross-Racial Interaction Group CSS Social Agency Group CSS Civic Awareness Group CSS Leadership Group CSS Civic Engagement Group CSS Science Identity Group CSS Science Self-Efficacy Group  1=Low score 2=Average Score 3=High score</p>
<b>TFS Constructs - Scores</b>	
<p>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_SELF_EFFICACY_TFS SCIENCE_IDENTITY_TFS</p>	<p>TFS Habits of Mind Score TFS Academic Self-Concept TFS Social Self-Concept TFS Pluralistic Orientation Score TFS Social Agency TFS Civic Engagement Score TFS College Reputation Orientation TFS Likelihood of College Involvement TFS Science Self-Efficacy Score TFS Science Self-Efficacy Score</p>
<b>TFS Constructs - Groups</b>	
<p>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 SCIENCE_SELF_EFFICACY_GRP_TFS SCIENCE_IDENTITY_GRP</p>	<p>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 TFS Science Self-Efficacy Group TFS Science Self-Efficacy Group  1=Low score 2=Average Score 3=High score</p>
<b>YFCY Constructs - Scores</b>	
<p>HABITS_OF_MIND_YFCY ACADEMIC_ADJUSTMENT_YFCY ACAD_DISENGAGEMENT_YFCY FAC_INTERACTION_YFCY SATIS_COURSES_YFCY SATIS_OVERALL_YFCY SENSE_BELONG_YFCY ACADEMIC_SELFCONCEPT_YFCY SOCIAL_SELFCONCEPT_YFCY PLURALISTIC_ORIENTATION_YFCY CRI_POSITIVE_YFCY CRI_NEGATIVE_YFCY SOCIAL_AGENCY_YFCY CIVIC_AWARENESS_YFCY LEADERSHIP_YFCY CIVIC_ENGAGEMENT_YFCY SCIENCE_IDENTITY_YFCY SCIENCE_SELF_EFFICACY_YFCY</p>	<p>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 YFCY Science Identity Score YFCY Science Self-Efficacy Score</p>
<b>YFCY Constructs - Groups</b>	
<p>HABITS_OF_MIND_GRP_YFCY ACADEMIC_ADJUSTMENT_GRP_YFCY ACAD_DISENGAGEMENT_GRP_YFCY FAC_INTERACTION_GRP_YFCY</p>	<p>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</p>

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SATIS_COURSES_GRP_YFCY	YFCY Satisfaction with Courses Group
SATIS_OVERALL_GRP_YFCY	YFCY Overall Satisfaction Group
SENSE_BELONG_GRP_YFCY	YFCY Sense of Belonging Group
ACADEMIC_SELFCONCEPT_GRP_YFCY	YFCY Academic Self-Concept Group
SOCIAL_SELFCONCEPT_GRP_YFCY	YFCY Social Self-Concept Group
PLURALISTIC_ORIENTATION_GRP_YFCY	YFCY Pluralistic Orientation Group
CRI_POSITIVE_GRP_YFCY	YFCY Positive Cross-Racial Interaction Group
CRI_NEGATIVE_GRP_YFCY	YFCY Negative Cross-Racial Interaction Group
SOCIAL_AGENCY_GRP_YFCY	YFCY Social Agency Group
CIVIC_AWARENESS_GRP_YFCY	YFCY Civic Awareness Group
LEADERSHIP_GRP_YFCY	YFCY Leadership Group
CIVIC_ENGAGEMENT_GRP_YFCY	YFCY Civic Engagement Group
SCIENCE_IDENTITY_GRP_YFCY	YFCY Science Identity Group
SCIENCE_SELF_EFFICACY_GRP_YFCY	YFCY Science Self-Efficacy Group

**Variables marked with an "\*" are for multi-institutional research only.**