# bmodecmp Mode of survey completion

*Response options*: ***1*** *Paper,* ***2*** *Web*

# bstudid Please enter your Student ID number in the box below. Do not enter your Social Security number.

*Response option*: [write-in response]

# hgradyr Please indicate the year you graduated from high school:

*Response options:* ***2021*** *2021,* ***2020*** *2020,* ***2019*** *2019,* ***2018*** *2018,* ***2017*** *2017,* ***2016*** *2016,* ***2015*** *2015,* ***2014*** *2014,* ***2013*** *2013,* ***2012*** *2012,* ***2011*** *2011,* ***2010*** *2010,* ***2009*** *2009,* ***2008*** *2008,* ***2007*** *2007,* ***2006*** *2006,* ***2005*** *2005,* ***2004*** *2004,* ***2003*** *2003,* ***2002*** *2002,* ***2001*** *2001,* ***2000*** *2000,* ***Prior to 2000*** 9999

# Since graduating from high school,

*Response options:* ***1*** *Yes,* ***0*** *No*

* 1. ***tattend*** have you attended another college or university?
  2. ***tmilitary*** have you done military service?
  3. ***twork\_ft*** have you worked full time?
  4. ***twork\_pt*** have you worked part time?
  5. ***thome*** have you been a homemaker or stay-at-home spouse?
  6. ***tvolunteer*** have you volunteered?

# [If answered 1 Yes on tattend] Other than this institution, have you attended:

*Response options:* ***1*** *Yes,* ***0*** *No*

1. ***tattend\_voc*** a vocational or technical school since graduating from high school?
2. ***tattend\_com*** a community or junior college since graduating from high school?
3. ***tattend\_col*** a 4-year college or university other than this one since graduating from high school?
4. ***tattend\_other*** another type of institution since graduating from high school?

# ttrnsfr\_cr About how many credits do you expect to transfer to this institution?

*Response options:* ***0*** *0,* ***1*** *1-11,* ***2*** *12-30,* ***3*** *31-45,* ***4*** *46-60,* ***5*** *more than 60*

sType Status as first-year, transfer, or older student.

*First-year students were recent high school graduates who met one of the following criteria:*

* 1. All paper survey respondents regardless of high school graduation year.
  2. Web respondents who graduated high school in 2021.
  3. Web respondents who graduated high school in 2020 or 2019 and did not attend another institution since graduating high school.
  4. Web respondents who graduated high school in 2020 or 2019 and did attend another institution since graduating high school and expects to transfer 11 or fewer credits

First-year students continue with Item htype13

*Transfer students were those respondents who met the following criteria:*All web respondents who attended a college or university after graduation from high school and expects to transfer 12 or more credits and graduated prior to the current year.  
Transfer students continue with Item tgrades

*Older students were those respondents who met one of the following criteria:*

1. Web respondents who graduated high school in 2018 or earlier and did not attend another institution since graduating high school.
2. Web respondents who graduated high school in 2018 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

Older students continue with Item “How important were the following reasons for choosing this institution?”

*Re-coded as:* ***1*** *First-year student,* ***2*** *Transfer Student,* ***3*** *Older Student*

# tgrades What were most of your grades at the other institution(s) you attended?

*Response options:* ***8*** *A,* ***7*** *A-,* ***6*** *B+,* ***5*** *B,* ***4*** *B-,* ***3*** *C+,* ***2*** *C,* ***1*** *C- or lower,* ***99*** *Grades not used*

# During your most recent year enrolled at the other institution, about how often did you do the following?

*Response options:* ***4*** *Very often,* ***3*** *Often,* ***2*** *Sometimes,* ***1*** *Never*

* 1. ***tLSreading*** Identified key information from reading assignments\*
  2. ***tLSnotes*** Reviewed your notes after class\*
  3. ***tLSsummry*** Summarized what you learned in class or from course materials\*

\*Aggregate BCSSE Scale Transfer Student Engagement in Learning Strategies (TR\_LS)

# tattendyr What is the most recent year you were enrolled at the other institution(s)?

*Response options:* ***2021*** *2021,* ***2020*** *2020,* ***2019*** *2019,* ***2018*** *2018,* ***2017*** *2017,* ***2016*** *2016,* ***Prior to 2016*** *9999*

# [If answered 2021 2021 on tattendyr] tcontin Will you continue attending this other institution during the coming school year?

*Response options:* ***1*** *Yes,* ***0*** *No,* ***9*** *Not sure*

# [If answered 0 No on tcontin] Which of the following describes why you are no longer enrolled at other institution(s)? (Select all that apply.)

*Response options:* ***1*** *Selected,* ***0*** *Not Selected*

1. ***tcomplprg*** *Completed program/degree*
2. ***tplanned*** *Always planned on transferring*
3. ***texpense*** *Too expensive*
4. ***tnomajor*** *Did not offer the major you are interested in*
5. ***tinconven*** *Inconvenient course scheduling*
6. ***ttoofar*** *Too far from where you lived*
7. ***tfamperinfl*** *Family or personal relationship*
8. ***tqacad*** *Quality of academic programs*
9. ***tacaddiff*** *Academic difficulty*
10. ***tdissatis*** *Personal dissatisfaction*

# How important were the following reasons for choosing this institution?

*Response options: Six point scale:* ***1*** *Not important to* ***6*** *Very important*

1. ***tafford*** Affordability
2. ***tnear*** Location
3. ***ttrnsfr*** You can transfer most or all of your credits
4. ***toffermjr*** Offers the major(s) you are interested in
5. ***tqualacad*** Quality of academic programs
6. ***tfinish*** You can finish your degree quickly
7. ***tflex*** Flexible scheduling of courses
8. ***tfamper2*** Family or personal relationship
9. ***timpoth*** Other (describe below) [write-in response]

# tyrscmpl How many more years do you expect it will take to complete your bachelor’s degree?

*Response options:* ***1*** *1 year,* ***2*** *2 years,* ***3*** *3 years,* ***4*** *4 years or longer,* ***9*** *Do not plan to complete a bachelor’s degree*

# tanthinst Will you take at least one course from another college or university while attending this institution?

*Response options:* ***1*** *Yes,* ***0*** *No,* ***9*** *Not sure*

# During the coming school year, which do you think will cause you stress? (Select all that apply.)

*Response options:* ***1*** *Selected,* ***0*** *Not Selected*

* 1. ***tstrss\_tra*** *Transitioning back to being a student*
  2. ***tstrss\_bal*** *Balancing school and other commitments (work, family, etc.)*
  3. ***tstrss\_bas*** *Not having enough money for basic needs (housing, food, and transportation)*
  4. ***tstrss\_acd*** *Not having enough money for college expenses (tuition, fees, books, etc.)*
  5. ***tstrss\_saf*** *Personal safety*
  6. ***tstrss\_perre*** *Personal relationship*
  7. ***tstrss\_rmre*** *Roommate relationship*
  8. ***tstrss\_car*** *Choosing a career*
  9. ***tstrss\_com*** *Commuting to campus*
  10. ***tstrss\_oth*** *Other*
  11. [If answered ***1*** Selected on tstrss\_oth] ***tstrss\_oth\_txt*** Other [write-in response]

# During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?

*Response options:* ***1*** *0,* ***2*** *1-5,* ***3*** *6-10,* ***4*** *11-15,* ***5*** *16-20,* ***6*** *21-25,* ***7*** *26-30,* ***8*** *More than 30*

1. ***tcare*** Providing care for dependents (children, parents, etc.)

***tcarehrs*** recoded version of tcare created by BCSSE. Values are estimated number of hours.

1. ***tcommute*** Commuting to campus (driving, walking, etc.)

***tcommutehrs*** recoded version of tcommute created by BCSSE. Values are estimated number of hours.

# During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?

*Response options:* ***1*** *0,* ***2*** *1-5,* ***3*** *6-10,* ***4*** *11-15,* ***5*** *16-20,* ***6*** *21-25,* ***7*** *26-30,* ***8*** *More than 30*

1. ***cacadpr13*** Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)

***cacadpr13hrs*** recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours.

1. ***cwork*** Working for pay on- or off-campus

***cworkhrs*** recoded version of cwork created by BCSSE. Values are estimated number of hours.

1. ***ccocurr*** Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)

***ccocurrhrs*** recoded version of ccocurr created by BCSSE. Values are estimated number of hours.

1. ***csocial13*** Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)

***csocial13hrs*** recoded version of csocial13 created by BCSSE. Values are estimated number of hours.

# ctmread17 During the coming school year, of the time you expect to spend preparing for class in a typical 7-day week, about how much will be on assigned reading?

*Response options:* ***1*** *Very little,* ***2*** *Some,* ***3*** *About half,* ***4*** *Most,* ***5*** *Almost all*

# During the coming school year, about how often do you expect to do the following?

*Response options:* ***4*** *Very often,* ***3*** *Often,* ***2*** *Sometimes,* ***1*** *Never*

1. ***cCLaskhlp*** Ask another student to help you understand course material\*
2. ***cCLxplain*** Explain course material to one or more students\*
3. ***cCLstudy*** Prepare for exams by discussing or working through course material with other students\*
4. ***cCLprojct*** Work with other students on course projects or assignments\*

\*Aggregate BCSSE Scale Expected Engagement in Collaborative Learning (EXP\_CL)

1. ***cSFcareer*** Talk about career plans with a faculty member\*
2. ***cSFothrwrk*** Work with a faculty member on activities other than coursework (committees, student groups, etc.)\*
3. ***cSFprform*** Discuss your academic performance with a faculty member\*
4. ***cSFdiscuss*** Discuss course topics, ideas, or concepts with a faculty member outside of class\*

\*Aggregate BCSSE Scale Expected Engagement with Faculty (EXP\_SFI)

1. ***cdrafting*** Prepare two or more drafts of a paper or assignment before turning it in
2. ***cunprepard*** Come to class without completing readings or assignments

# During the coming school year, about how often do you expect to have discussions with people from the following groups?

*Response options:* ***4*** *Very often,* ***3*** *Often,* ***2*** *Sometimes,* ***1*** *Never*

1. ***cDVrace*** People of a race or ethnicity other than your own\*
2. ***cDVeconomc*** People from an economic background other than your own\*
3. ***cDVreligion*** People with religious beliefs other than your own\*
4. ***cDVpolitical*** People with political views other than your own\*

\*Aggregate BCSSE Scale Expected Discussions with Diverse others (EXP\_DD)

# During the coming school year, how certain are you that you will do the following?

*Response options: Six point scale:* ***1*** *Not at all certain to* ***6*** *Very certain*

1. ***cotherint*** Study when there are other interesting things to do\*
2. ***cfindinfo*** Find additional information for course assignments when you don't understand the material\*
3. ***ccourdis*** Participate regularly in course discussions, even when you don't feel like it\*
4. ***caskinst*** Ask instructors for help when you struggle with course assignments\*
5. ***cfinish*** Finish something you have started when you encounter challenges\*
6. ***cstaypos*** Stay positive, even when you do poorly on a test or assignment\*

\*Aggregate BCSSE Scale Expected Academic Perseverance (EXP\_PER)

# During the coming school year, how difficult do you expect the following to be?

*Response options: Six point scale:* ***1*** *Not at all difficult to* ***6*** *Very difficult*

1. ***clearnma*** Learning course material\*
2. ***cmantime*** Managing your time\*
3. ***cpaycoll*** Paying college or university expenses
4. ***cgethelp*** Getting help with school work\*
5. ***cmakefr*** Making new friends
6. ***cintfac*** Interacting with faculty\*

\*Aggregate BCSSE Scale Expected Academic Difficulty (EXP\_DIF)

# During the coming school year, about how often do you expect to seek help with coursework from the following sources?

*Response options:* ***4*** *Very often,* ***3*** *Often,* ***2*** *Sometimes,* ***1*** *Never*

1. ***cseekfac*** Faculty members
2. ***cseekaa*** Academic advisors
3. ***cseekls*** Learning support services (tutoring, writing center, success coaching, etc.)
4. ***cseekfrnd*** Friends or other students
5. ***cseekfam*** Family members
6. ***cseekoth*** Other persons or offices

# How prepared are you to do the following in your academic work at this institution?

*Response options: Six point scale:* ***1*** *Not at all prepared to* ***6*** *Very prepared*

1. ***cSGwrite*** Write clearly and effectively\*
2. ***cSGspeak*** Speak clearly and effectively\*
3. ***cSGthink*** Think critically and analytically\*
4. ***cSGanalyze*** Analyze numerical and statistical information\*
5. ***cSGothers*** Work effectively with others\*
6. ***cgncompt13*** Use computing and information technology\*
7. ***cgninq*** Learn effectively on your own\*

\*Aggregate BCSSE Scale Perceived Academic Preparation (PER\_PREP)

# How important is it to you that your institution provides the following?

*Response options: Six point scale:* ***1*** *Not important to* ***6*** *Very important*

1. ***cacadexp*** A challenging academic experience\*
2. ***cSEacad*** Support to help students succeed academically\*
3. ***cSEdiv*** Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)\*
4. ***cSEnacad*** Help managing your non-academic responsibilities (work, family, etc.)\*
   1. ***cSEsoc*** Opportunities to be involved socially\*
   2. ***cSEact*** Opportunities to attend campus activities and events\*
   3. ***cSEserv*** Learning support services (tutoring, writing center, success coaching, etc.)\*

\*Aggregate BCSSE Scale Importance of Campus Environment (IMP\_CAMP)

# Which of the following sources are you using to pay for your education expenses (tuition, fees, books, room & board, etc.)? For each, tell us if you are using, not using, or not sure.

Response options: ***1*** Using, ***2*** Not using, ***9*** Not sure

1. ***cparents*** Support from parents or relatives
2. ***cloans*** Loans
3. ***cgrants*** Grants or scholarships
4. ***cjob*** Employment on- or off- campus
5. ***cpersonal*** Personal savings or other sources

# cgrades19 What do you expect most of your grades will be during the coming year?

*Response options:* ***8*** *A,* ***7*** *A-,* ***6*** *B+,* ***5*** *B,* ***4*** *B-,* ***3*** *C+,* ***2*** *C,* ***1*** *C- or lower,* ***99*** *Grades not used*

# cintgrad Do you expect to graduate from this institution?

*Response options:* ***1*** *Yes,* ***0*** *No,* ***9*** *Uncertain*

# cmajor Do you know what your major will be?

*Response options:* ***1*** *Yes,* ***0*** *No****cmajonea*** Please enter your major or expected major [write-in response]

[If answered ***1*** Yes on cmajor] ***cmajcode*** Specify [write-in provided for variable cmajor]

***cmajrcol*** recode based on cmajcode into one of the following major categories: Arts & Humanities, Biological Sci., Mathematics & Computer Science, Social Sciences, Business, Communications, Media, & Public Relations, Education, Engineering, Health Professions, Social Service Professions, All Other, and ***cmajrpsel*** Undecided, Undeclared

# cfulltime18 Are you (or will you be) a full-time student at this institution?

*Response options:* ***1*** *Yes,* ***0*** *No*

# cfriends How many of your close friends will attend this institution during the coming year?

*Response options:* ***1*** *None,* ***2*** *1,* ***3*** *2,* ***4*** *3,* ***5*** *4 or more*

# cchoice17 This institution was your:

*Response options:* ***1*** *First choice,* ***2*** *Second choice,* ***3*** *Third choice or lower*

# cgender What is your gender identity?

*Response options:* ***1*** *Man,* ***2*** *Woman,* ***3*** *Another gender identity,* ***9*** *I prefer not to respond*

# cinternat Are you an international student?

*Response options:* ***1****Yes,* ***0*** *No*

# How would you describe yourself? (Select all that apply.)

*Response options:* ***1*** *Selected,* ***0*** *Not Selected*

1. ***c\_amind*** American Indian or Alaska Native
2. ***c\_asian*** Asian
3. ***c\_black*** Black or African American
4. ***c\_latino*** Hispanic or Latino
5. ***c\_mena*** Middle Eastern or North African
6. ***c\_pacific*** Native Hawaiian or Other Pacific Islander
7. ***c\_white*** White
8. ***c\_another*** Another race or ethnicity
9. ***c\_pnr*** I prefer not to respond

***crace*** recode based on selections where each student is represented only once. Multiracial represents students who selected more than one identification.

# cpardegr18 Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?

*Response options:* ***1*** *Did not finish high school,* ***2*** *High school diploma or GED,* ***3*** *Attended college but did not complete degree,* ***4*** *Associate’s degree (AA, AS, etc.),* ***5*** *Bachelor’s degree (BA, BS, etc.),* ***6*** *Master’s degree (MA, MS, etc.),* ***7*** *Doctoral or professional degree (PhD, JD, MD, etc.)*

***bfirstgen*** recode based on response from students on cpardegr18 which is grouped into the following categories: First-generation (neither parent nor anyone who raised you holds a bachelor’s degree) and Not first-generation (either parent or anyone who raised you holds a bachelor’s degree).

# cliving18 Which of the following best describes where you will be living while attending college?

*Response options:* ***1*** *Campus housing (other than a fraternity or sorority house),* ***2*** *Fraternity or sorority house,* ***3*** *House, apartment, or other residence* ***within walking distance*** *to campus,* ***4*** *House, apartment, or other residence* ***farther than walking distance*** *to campus,* ***5*** *Not applicable: No campus, entirely online program, etc.,* ***6*** *Not applicable: Homeless or in transition*

# Enter your name below:

*Response options:* [write-in response]

1. ***FN17*** Given/First Name
2. ***LN17*** Family/Last Name

**BCSSE Scale scores are the mean of the component items after all individual item values have been converted to 0-60 point scales.**

# HS\_QR High School engagement in quantitative reasoning

# HS\_LS High School engagement in learning strategies

# EXP\_CL Expected engagement in collaborative learning

# EXP\_SFI Expected engagement with faculty

# EXP\_DD Expected discussions with diverse others

# EXP\_PER Expected Academic Perseverance Scale: Student certainty that they will persist in the face of academic adversity

# EXP\_DIF Expected Academic Difficulty Scale: Expected academic difficulty during the first year of college (university)

# PER\_PREP Perceived Academic Preparation Scale: Student perception of their academic preparation

# IMP\_CAMP Importance of Campus Environment Scale: Student-rated importance that the institution provides a challenging and supportive environment

**MISCELLANEOUS INFORMATION**

# bsurvid BCSSE survey ID number

# bversion Questionnaire version (e.g., Standard U.S., Canadian)

*Re-coded as:* ***1*** *Standard,* ***3*** *Canadian (English)*

# bdurationCore Survey duration

# bfirstgen First-Generation Status (neither parent or anyone who raised you holds a bachelor's degree)

*Response options:* ***1*** *Completed bachelor’s degree,* ***0*** *Did not complete bachelor’s degree*