

1. **hgradyr** Please indicate the year you graduated from high school:

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

W1. Since graduating from high school, which of the following have you done? (Select all that apply.)

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

- a. **tattend** Attended another college or university
- b. **tmilitary** Military service
- c. **twork_ft** Work full-time
- d. **twork_pt** Work part-time
- e. **thome** Homemaker or stay-at-home spouse
- f. **tvolunteer** Volunteer
- g. **tsinceoth** Other
- h. [If answered **1** Selected on **tsinceoth**] **tsinceoth_txt** Other [write-in response]

W2. Since graduating from high school, which of the following types of school have you attended other than this institution? (Select all that apply.)

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

- a. **tattend_voc** Vocational or technical school
- b. **tattend_com** Community or junior college
- c. **tattend_col** 4-year college or university other than this one
- d. **tattend_other** Other

W3. **ttransfr_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:

- a. All paper survey respondents regardless of high school graduation year.
- b. Web respondents who graduated high school in 2020.
- c. Web respondents who graduated high school in 2019 or 2018 and did not attend another institution since graduating high school.
- d. Web respondents who graduated high school in 2019 or 2018 and did attend another institution since graduating high school and expects to transfer 11 or fewer credits

First-year students continue with Item 2

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 WT4

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

- Web respondents who graduated high school in 2017 or earlier and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2017 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

Older students continue with Item WTD9

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

2. *h*type13 From which type of high school did you graduate? (Select only one.)

Response options: **1** Public, **2** Private, religiously-affiliated, **3** Private, not religiously-affiliated, **4** Home school, **5** Other (GED, etc)

3. *h*grades17 What were most of your high school grades? (Select only one.)

Response options: **1** C- or lower, **2** C, **3** C+, **4** B-, **5** B, **6** B+, **7** A-, **8** A, **9** A+, **99** Grades not used

4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)

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

- h*alg13 Algebra II
- h*precalc13 Pre-Calculus/Trigonometry
- h*calc13 Calculus
- h*stats13 Probability or Statistics

5. If you completed the SAT and/or ACT, enter your scores below (as best you remember):

- h*satrw17 SAT: Reading and Writing (possible range= 200-800)

Response option: [Write-in response]

- h*satm17 SAT: Math (possible range= 200-800)

Response option: [Write-in response]

- h*satmrch16 Are these SAT scores from March 2016 or later?

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

- h*act ACT: Composite (possible range= 1-36)

Response option: [Write-in response]

sat_act17r recode based on SAT and ACT composite created by BCSSE which is categorized into the following groups: 900 or lower, 901-1000, 1001-1100, 1101-1200, 1201-1300, 1301-1400, and 1401-1600.

6. During high school, how many of the following types of classes did you complete?

Response options: **1** 0, **2** 1-2, **3** 3-4, **4** 5-6, **5** 7-8, **6** 9-10, **7** 11 or more

- h*apcl13 Advanced Placement (AP)

hapcl13num recoded version of *hapcl13* created by BCSSE. Values are estimated number of AP classes.

- h*dc17 College or university courses for credit

hdc17num recoded version of *hdc17* created by BCSSE. Values are estimated number of dual credit classes.

- c. **hib17** International Baccalaureate (IB)
hib17num recoded version of hib17 created by BCSSE. Values are estimated number of international baccalaureate classes.
7. During your *last year* of high school, about how many papers, reports, or other writing tasks of the following length did you complete?
Response options: 1 None, 2 1-2, 3 3-5, 4 6-10, 5 11-15, 6 16-20, 7 More than 20
- a. **hwrshrt** Up to 5 pages
hwrshrtnum recoded version of hwrshrt created by BCSSE. Values are estimated number of papers, reports, etc.
- b. **hwrmd** Between 6 and 10 pages
hwrmdnum recoded version of hwrmd created by BCSSE. Values are estimated number of papers, reports, etc.
- c. **hwrlng** 11 pages or more
hwrlngnum recoded version of hwrlng created by BCSSE. Values are estimated number of papers, reports, etc.
8. During your *last year* of high school, about how many hours did you 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
- a. **hacdpr13** Preparing for class (studying, reading, doing homework, etc.)
hacdpr13hrs recoded version of hacdpr13 created by BCSSE. Values are estimated number of hours.
- b. **hwork** Working for pay
hworkhrs recoded version of hwork created by BCSSE. Values are estimated number of hours.
- c. **hcocurr** Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)
hcocurrhrs recoded version of hcocurr created by BCSSE. Values are estimated number of hours.
- d. **hsocial13** Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)
hsocial13hrs recoded version of hsocial13 created by BCSSE. Values are estimated number of hours.
9. **htmread14** During your *last year* of high school, of the time you spent preparing for class in a typical 7-day week, about how much was on assigned reading?
Response options: 1 Very little, 2 Some, 3 About half, 4 Most, 5 Almost all
10. During your *last year* of high school, about how often did you do the following?
Response options: 1 Never, 2 Sometimes, 3 Often, 4 Very often
- a. **hunprepard** Came to class without completing readings or assignments
- b. **hdrafting** Prepared two or more drafts of a paper or assignment before turning it in
- c. **hQRconclud** Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)
- d. **hQRproblm** Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)

- e. **hQRevaluat** Evaluated what others have concluded from numerical information

hQR Aggregate BCSSE Scale High School Engagement in Quantitative Reasoning (HS_QR)

- f. **hLSreading** Identified key information from reading assignments
 g. **hLSnotes** Reviewed your notes after class
 h. **hLSsummary** Summarized what you learned in class or from course materials

hLS Aggregate BCSSE Scale High School Engagement in Learning Strategies (HS_LS)

- i. **hridivers** Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments
 j. **hriownview** Examined the strengths and weaknesses of your own views on a topic or issue
 k. **hriperspect** Tried to better understand someone else's views by imagining how an issue looks from their perspective

11. During your high school years, how involved were you in the following activities at your school or elsewhere?

Response options: 1 Not at all, 2 Very little, 3 Some, 4 Quite a bit, 5 Very much

- a. **hinvarrts** Performing or visual arts programs (band, chorus, theater, art, etc.)
 b. **hinvathl** Athletic teams (varsity, JV, club sport, etc.)
 c. **hstugov** Student government
 d. **hinvpubs** Publications (student newspaper, yearbook, etc.)
 e. **hinvhon13** Academic clubs or honor societies
 f. **hinvvocl** Vocational clubs (business, health, technology, etc.)
 g. **hrelgrp** Religious youth groups
 h. **hvolntr** Community service or volunteer work

12. hchallenge During your *last year* of high school, to what extent did your courses challenge you to do your best work?

Response options: Seven point scale: 1 Not at all to 7 Very much

13. 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

- a. **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.
 b. **cwork** Working for pay on- or off-campus
cworkhrs recoded version of **cwork** created by BCSSE. Values are estimated number of hours.
 c. **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.

d. **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.

14. **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

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

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

a. **cCLaskhlp** Ask another student to help you understand course material

b. **cCLxplain** Explain course material to one or more students

c. **cCLstudy** Prepare for exams by discussing or working through course material with other students

d. **cCLproject** Work with other students on course projects or assignments

cCL Aggregate BCSSE Scale Expected Engagement in Collaborative Learning (EXP_CL)

e. **cSFcareer** Talk about career plans with a faculty member

f. **cSFothrwrk** Work with a faculty member on activities other than coursework (committees, student groups, etc.)

g. **cSFprform** Discuss your academic performance with a faculty member

h. **cSFdiscuss** Discuss course topics, ideas, or concepts with a faculty member outside of class

cSF Aggregate BCSSE Scale Expected Engagement with Faculty (EXP_SFI)

i. **cdrafting** Prepare two or more drafts of a paper or assignment before turning it in

j. **cunprepared** Come to class without completing readings or assignments

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

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

a. **cDVrace** People of a race or ethnicity other than your own

b. **cDVeconomic** People from an economic background other than your own

c. **cDVreligion** People with religious beliefs other than your own

d. **cDVpolitical** People with political views other than your own

cDV Aggregate BCSSE Scale Expected Discussions with Diverse others (EXP_DD)

17. 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

a. **cotherint** Study when there are other interesting things to do

b. **cfindinfo** Find additional information for course assignments when you don't understand the material

c. **ccourdis** Participate regularly in course discussions, even when you don't feel like it

d. **caskinst** Ask instructors for help when you struggle with course assignments

e. **cfinish** Finish something you have started when you encounter challenges

f. **cstaypos** Stay positive, even when you do poorly on a test or assignment

Question 17 Aggregate BCSSE Scale Expected Academic Perseverance (EXP_PER)

18. 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

- a. **clearnma** Learning course material
- b. **cmantime** Managing your time
- c. **cpaycoll** Paying college or university expenses
- d. **cgethelp** Getting help with school work
- e. **cmakefr** Making new friends
- f. **cintfac** Interacting with faculty

Question 18 Aggregate BCSSE Scale Expected Academic Difficulty (EXP_DIF)

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

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

- a. **cseekfac** Faculty members
- b. **cseekaa** Academic advisors
- c. **cseekls** Learning support services (tutoring, writing center, success coaching, etc.)
- d. **cseekfrnd** Friends or other students
- e. **cseekfam** Family members
- f. **cseekoth** Other persons or offices

20. 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

- a. **cSGwrite** Write clearly and effectively
- b. **cSGspeak** Speak clearly and effectively
- c. **cSGthink** Think critically and analytically
- d. **cSGanalyze** Analyze numerical and statistical information
- e. **cSGothers** Work effectively with others
- f. **cgncmpt13** Use computing and information technology
- g. **cgning** Learn effectively on your own

Question 20 Aggregate BCSSE Scale Perceived Academic Preparation (PER_PREP)

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

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

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

Question 21 Aggregate BCSSE Scale Importance of Campus Environment (IMP_CAMP)

22. Which of the following sources are you using to pay 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

- a. **cparents** Support from parents or relatives
- b. **cloans** Loans
- c. **cgrants** Grants or scholarships
- d. **cjob** Employment on or off campus
- e. **cpersonal** Personal savings or other sources

23. cgrades19 What do you expect most of your grades will be during the coming year? (Select only one.)

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

24. cintgrad Do you expect to graduate from this institution?

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

25. cmajor Do you know what your major will be?

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

[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 Undecided, Undeclared

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

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

27. 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

28. cchoice17 This institution was your:

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

29. cgender What is your gender identity?

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

30. cinternat Are you an international student?

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

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

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

- a. **c_amind** American Indian or Alaska Native
- b. **c_asian** Asian
- c. **c_black** Black or African American
- d. **c_latino** Hispanic or Latino
- e. **c_mena** Middle Eastern or North African
- f. **c_pacific** Native Hawaiian or Other Pacific Islander
- g. **c_white** White
- h. **c_another** Another race or ethnicity
- i. **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.

32. *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).

33. *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