# 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\_ca*** a community college (vocational or technical courses not at university level) since graduating from high school?
2. ***tattend\_com\_ca*** a community college (university credit/transfer courses) since graduating from high school?
3. ***tattend\_col\_ca*** a university other than this one since graduating from high school?
4. ***tattend\_cegep\_gen\_ca*** CEGEP (general or pre-university program) since graduating from high school?
5. ***tattend\_cegep\_prof\_ca*** CEGEP (professional or technical program) since graduating from high school?
6. ***tattend\_private\_ca*** a private training institution since graduating from high school?
7. ***tattend\_other\_ca*** 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 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*

# htype20\_ca From which type of high school did you graduate?

*Response options:* ***1*** *Public, religiously-affiliated,* ***2*** *Public, not religiously-affiliated,* ***3*** *Private, religiously-affiliated,* ***4*** *Private, not religiously-affiliated,* ***5*** *Home school,* ***6*** *Other (e.g., GED)*

# hgrades20\_ca What were most of your high school grades?

*Response options:* ***1*** *0-49%,* ***2*** *50-52%,* ***3*** *53-56%,* ***4*** *57-59%,* ***5*** *60-62%,* ***6*** *63-66%,* ***7*** *67-69%,* ***8*** *70-72%,* ***9*** *73-76%,* ***10*** *77-79%,* ***11*** *80-86%,* ***12*** *87-94%,* ***13*** *95-100%*

# Have you earned a passing grade or better in the following math classes?

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

* 1. ***hadv20\_ca*** *Advanced Functions (Pre-Calculus, Linear Algebra, etc.)*
  2. ***hcalc20\_ca*** *Calculus and Vectors*
  3. ***hstats13*** *Probability or Statistics*

# 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*

1. ***hapcl13*** Advanced Placement (AP)

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

1. ***hdc17*** University or college courses for credit

***hdc17\_canum*** recoded version of hdc20\_ca created by BCSSE. Values are estimated number of dual credit classes.

1. ***hib17*** International Baccalaureate (IB)

***hib17num*** recoded version of hib17 created by BCSSE. Values are estimated number of international baccalaureate classes.

# During your last year of high school, about how many papers, reports, or other writing tasks of the following lengths 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*

1. ***hwrshrt*** Up to 5 pages

***hwrshrtnum*** recoded version of hwrshrt created by BCSSE. Values are estimated number of papers, reports, etc.

1. ***hwrmd*** Between 6 and 10 pages

***hwrmdnum*** recoded version of hwrmd created by BCSSE. Values are estimated number of papers, reports, etc.

1. ***hwrlng*** 11 pages or more

***hwrlngnum*** recoded version of hwrlng created by BCSSE. Values are estimated number of papers, reports, etc.

# 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*

1. ***hacadpr13*** Preparing for class (studying, reading, doing homework, etc.)

***hacadpr13hrs*** recoded version of hacdpr13 created by BCSSE. Values are estimated number of hours.

1. ***hwork*** Working for pay

***hworkhrs*** recoded version of hwork created by BCSSE. Values are estimated number of hours.

1. ***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.

1. ***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.

# 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*

# During your last year of high school, about how often did you do the following?

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

1. ***hunprepard*** Came to class without completing readings or assignments
2. ***hdrafting*** Prepared two or more drafts of a paper or assignment before turning it in
3. ***hQRconclud*** Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)\*
4. ***hQRproblm*** Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)\*
5. ***hQRevaluat*** Evaluated what others have concluded from numerical information\*

\*Aggregate BCSSE Scale High School Engagement in Quantitative Reasoning (HS\_QR)

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

\*Aggregate BCSSE Scale High School Engagement in Learning Strategies (HS\_LS)

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

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

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

1. ***hinvarts*** Performing or visual arts programs (band, chorus, theater, art, etc.)
2. ***hinvathl*** Athletic teams (varsity, JV, club sport, etc.)
3. ***hstugov*** Student government
4. ***hinvpubs*** Publications (student newspaper, yearbook, etc.)
5. ***hinvhon13*** Academic clubs or honour societies
6. ***hinvvccl*** Vocational clubs (business, health, technology, etc.)
7. ***hrelgrp*** Religious youth groups
8. ***hvolntr*** Community service or volunteer work

# 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*

# 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 centre, 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 centre, 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\_ca What is your present citizenship status?

*Response options:* ***1*** *Citizenship of another country with a student visa or other non-immigrant visa,* ***2*** *Canadian permanent resident,* ***3*** *Canadian citizen*

# Which of the following categories best describes your ethnic or cultural background? (You may choose more than one category)

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

1. ***cindig18\_ca*** Indigenous
2. ***ccaucasian18\_ca*** Caucasian or White
3. ***cchinese18\_ca*** Chinese
4. ***csasian18\_ca*** South Asian (East Indian, Pakistani, Sri Lankan, etc.)
5. ***cblack18\_ca*** Black
6. ***cfilipino18\_ca*** Filipino
7. ***clatin18\_ca*** Latin American
8. ***cseasian18\_ca*** Southeast Asian (Cambodian, Indonesian, Laotian, Vietnamese, etc.)
9. ***carab18\_ca*** Arab (Saudi, Egyptian, etc.)
10. ***cwestasian18\_ca*** West Asian (Afghan, Iranian, etc.)
11. ***cjapanese18\_ca*** Japanese
12. ***ckorean18\_ca*** Korean
13. ***cother18\_ca*** Other

[If answered ***1*** Selected on cindig18\_ca]

*Response options:* ***1*** *Selected,* ***0*** *Not Selected,* ***-9***Student did not receive this question (coded as missing)

1. ***cfirstnat18\_ca*** First Nations
2. ***cmetis18\_ca*** Métis
3. ***cinuit18\_ca*** Inuit/Inuk
4. ***cothernatam18\_ca*** Other Native American

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

# cpardegree\_ca 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*** *Graduated from high school,* ***3*** *Some or completed college or CEGEP,* ***4*** *Attended university without earning a degree,* ***5*** *Completed a bachelor’s degree (BA, BS, etc.),* ***6*** *Completed a master’s degree (MA, MS, etc.),* ***7*** *Completed* a*doctoral or professional degree (PhD, JD, MD, etc.)*

***bfirstgen*** recode based on response from students on cpardegree\_ca 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).

# cliving20\_ca Which of the following best describes where you will be living while attending university?

*Response options:* ***1*** *Room or apartment in university residence (other than a fraternity or sorority house),* ***2*** *Fraternity or sorority house,* ***3*** *House, apartment, or other residence* ***within walking distance*** *to the institution,* ***4*** *House, apartment, or other residence* ***farther than walking distance*** *to the institution,* ***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*