BCSSE
beginning college survey
of student engagement

BCSSE 2016-NSSE 2017 Combined Codebook
Canadian Version

BCSSE 2016 Codebook
Canadian Version

Item #	Variable name	Variable label	Values and labels
–	bstudid	Please print (enter) your student ID number in the boxes below. *(Students completing survey online are asked to provide their school email if they do not know their Student ID.) Do not print your Social Security number.*	Write-in response
–	postcode	Please write in (enter) the 5-digit ZIP code of your home during your last year of high school. (U.S. residents only.)	Write-in response
–	complete	When are you completing this survey? (Select only one.)	1 = Prior to the start of fall term classes 2 = During the first week of fall term classes 3 = After the first week of fall term classes

HIGH SCHOOL EXPERIENCES

Item #	Variable name	Variable label	Values and labels
Question 1.	hgradyr_yyyy	Please write the year you graduated from high school (for example, 2016):	Write-in response
–	hgradyr	Age category	2013 = 2013 or earlier 2014 = 2014 2015 = 2015 2016 = 2016
Question 2.	htype13	From which type of high school did you graduate? (Select only one.)	1 = Public 2 = Private, religiously-affiliated 3 = Private, not religiously-affiliated 4 = Home school 5 = Other (e.g., GED)
Question 3.	hgrades	What were most of your high school grades? (Select only one.)	1 = C- or lower 2 = C 3 = C+ 4 = B- 5 = B 6 = B+ 7 = A- 8 = A 9 = Grades not used

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Item #	Variable name	Variable label	Values and labels
Question 4.	**To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)**		
4a.	halg13	Algebra II	
4b.	hprecalc13	Pre-Calculus/Trigonometry	0 = Not selected
4c.	hcalc13	Calculus	1 = Selected
4d.	hstats13	Probability or Statistics	
Question 5.			
5.	hsatact	Did you take the SAT and/or ACT?	0 = No 1 = Yes
	If yes, please write your scores below (as best you remember):		
5a.	hsatcr	SAT: Critical Reading	
5b.	hsatmr	SAT: Mathematical Reasoning	*SAT (possible range = 200-800)*
5c.	hsatwr	SAT: Writing	
5d.	hact	ACT: Composite	*ACT (possible range = 1-36)*
–	sat_act	SAT Composite Score (SAT scores or ACT scores converted to SAT scale)	
–	sat_actr	Recode of SAT Composite Score variable *sat_act* into categories	1 = 900 or lower 2 = 901-1000 3 = 1001-1100 4 = 1101-1200 5 = 1201-1300 6 = 1301-1400 7 = 1401-1600
Question 6.	**During high school, how many of the following types of classes did you complete?**		
6a.	hapcl13	Advanced Placement (AP) classes	1 = 0 2 = 1-2 3 = 3-4 4 = 5-6 5 = 7-8
6b.	hhonor13	College or university courses for credit	6 = 9-10 7 = 11 or more

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Item #	Variable name	Variable label	Values and labels
Question 7. During your *last year* of high school, about how many papers, reports, or other writing tasks of the following length did you complete?			
7a.	hWRshrt	Up to 5 pages	1 = None
			2 = 1-2
			3 = 3-5
7b.	hWRmd	Between 6 and 10 pages	4 = 6-10
			5 = 11-15
7c.	hWRlng	11 pages or more	6 = 16-20
			7 = More than 20 papers, etc.
Question 8. During your *last year* of high school, about how many hours did you spend in a typical 7-day week doing each of the following?			
8a.	hacadpr13	Preparing for class (studying, reading, doing homework, etc.)	1 = 0
			2 = 1-5
8b.	hwork	Working for pay	3 = 6-10
			4 = 11-15
8c.	hcocurr	Participating in co-curricular activities (organizations, school publications, student government, sports , etc.)	5 = 16-20
			6 = 21-25
8d.	hsocial13	Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	7 = 26-30
			8 = More than 30
Question 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?	1 = Very little
			2 = Some
			3 = About half
			4 = Most
			5 = Almost all

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Item #	Variable name	Variable label	Values and labels
Question 10. During your *last year* of high school, about how often did you do the following?			
10a.	hunprepard	Came to class without completing readings or assignments	
10b.	hdrafting	Prepared two or more drafts of a paper or assignment before turning it in	
10c.	hQRconclud	Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	
10d.	hQRproblm	Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	
10e.	hQRevaluat	Evaluated what others have concluded from numerical information	1 = Never
10f.	hLSreading	Identified key information from reading assignments	2 = Sometimes
10g.	hLSnotes	Reviewed your notes after class	3 = Often 4 = Very often
10h.	hLSsummry	Summarized what you learned in class or from course materials	
10i.	hRIdivers	Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	
10j.	hRIownview	Examined the strengths and weaknesses of your own views on a topic or issue	
10k.	hRIperspct	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	
Question 11. During your high school years, how involved were you in the following activities at your school or elsewhere?			
11a.	hinvarts	Performing or visual arts programs (band, chorus, theater, art, etc.)	
11b.	hinvathl	Athletic teams (varsity, JV, club sport, etc.)	
11c.	hstugov	Student government	1 = Not at all
11d.	hinvpubs	Publications (student newspaper, yearbook, etc.)	2 = Very little 3 = Some
11e.	hinvhon13	Academic clubs or honor societies	4 = Quite a bit
11f.	hinvvccl	Vocational clubs (business, health, technology, etc.)	5 = Very much
11g.	hrelgrp	Religious youth groups	
11h.	hvolntr	Community service or volunteer work	

Item #	Variable name	Variable label	Values and labels
Question 12.	hchallenge	During your *last year* of high school, to what extent did your courses challenge you to do your best work?	1 = Not at all 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = Very much

EXPECTED FIRST YEAR EXPERIENCES

Question 13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing each of the following?

Item #	Variable name	Variable label	Values and labels
13a.	fyacadpr13	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	1 = 0 2 = 1-5
13b.	fywork	Working for pay on- or off-campus	3 = 6-10 4 = 11-15
13c.	fycocurr	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	5 = 16-20 6 = 21-25
13d.	fysocial13	Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	7 = 26-30 8 = More than 30
Question 14.	fyTMread	During the coming school year, of the time you expect to spend preparing for class in a typical 7-day week, about how many hours will be on assigned reading?	1 = 0 2 = 1-5 3 = 6-10 4 = 11-15 5 = 16-20 6 = 21-25 7 = 26-30 8 = More than 30

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Item #	Variable name	Variable label	Values and labels

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

Item #	Variable name	Variable label	Values and labels
15a.	fyCLaskhlp	Ask another student to help you understand course material	
15b.	fyCLxplain	Explain course material to one or more students	
15c.	fyCLstudy	Prepare for exams by discussing or working through course material with other students	
15d.	fyCLprojct	Work with other students on course projects or assignments	
15e.	fySFcareer	Talk about career plans with a faculty member	1 = Never 2 = Sometimes
15f.	fySFothrwrk	Work with a faculty member on activities other than coursework (committees, student groups, etc.)	3 = Often 4 = Very often
15g.	fySFprform	Discuss your academic performance with a faculty member	
15h.	fySFdiscuss	Discuss course topics, ideas, or concepts with a faculty member outside of class	
15i.	fydrafting	Prepare two or more drafts of a paper or assignment before turning it in	
15j.	fyunprepard	Come to class without completing readings or assignments	

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

Item #	Variable name	Variable label	Values and labels
16a.	fyDVrace	People of a race or ethnicity other than your own	1 = Never 2 = Sometimes
16b.	fyDVeconomc	People from an economic background other than your own	3 = Often
16c.	fyDVreligion	People with religious beliefs other than your own	4 = Very often
16d.	fyDVpolitical	People with political views other than your own	

Question 17. During the coming school year, how certain are you that you will do the following?

Item #	Variable name	Variable label	Values and labels
17a.	cotherint	Study when there are other interesting things to do	1 = Not at all certain
17b.	cfindinfo	Find additional information for course assignments when you don't understand the material	2 = 2
17c.	ccourdis	Participate regularly in course discussions, even when you don't feel like it	3 = 3
17d.	caskinst	Ask instructors for help when you struggle with course assignments	4 = 4 5 = 5
17e.	cfinish	Finish something you have started when you encounter challenges	6 = Very certain
17f.	cstaypos	Stay positive, even when you do poorly on a test or assignment	

Item #	Variable name	Variable label	Values and labels
Question 18. During the coming school year, how difficult do you expect the following to be?			
18a.	clearnma	Learning course material	
18b.	cmantime	Managing your time	1 = Not at all certain
18c.	cpaycoll	Paying college expenses	2 = 2 3 = 3
18d.	cgethelp	Getting help with school work	4 = 4 5 = 5
18e.	cmakefr	Making new friends	6 = Very certain
18f.	cintfac	Interacting with faculty	
Question 19. During the coming school year, about how many papers, reports, or other writing tasks of the following length do you expect to complete?			
19a.	fyWRshrt	Up to 5 pages	1 = None 2 = 1-2 3 = 3-5
19b.	fyWRmd	Between 6 and 10 pages	4 = 6-10 5 = 11-15
19c.	fyWRlng	11 pages or more	6 = 16-20 7 = More than 20 papers, etc.
Question 20. How prepared are you to do the following in your academic work at this institution?			
20a.	fySGwrite	Write clearly and effectively	
20b.	fySGspeak	Speak clearly and effectively	1 = Not at all prepared
20c.	fySGthink	Think critically and analytically	2 = 2 3 = 3
20d.	fySGanalyze	Analyze numerical and statistical information	4 = 4
20e.	fySGothers	Work effectively with others	5 = 5 6 = Very prepared
20f.	cgncompt13	Use computing and information technology	
20g.	cgninq	Learn effectively on your own	

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Item #	Variable name	Variable label	Values and labels
Question 21.			
21a.	fycourse	How many courses are you taking for credit this fall term?	1= 0 2 =1 3 = 2 4 = 3 5 = 4 6 = 5 7 = 6 8 = 7 or more 9 = Uncertain
21b.	fyonline	Of these courses, how many are entirely online?	
Question 22. How important is it to you that your institution provide each of the following?			
22a.	fyacadexp	A challenging academic experience	
22b.	fySEacad	Support to help students succeed academically	
22c.	fySEdiv	Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	1 = Not important 2 = 2 3 = 3 4 = 4 5 = 5 6 = Very important
22d.	fySEnacad	Help managing your non-academic responsibilities (work, family, etc.)	
22e.	fySEsoc	Opportunities to be involved socially	
22f.	fySEact	Opportunities to attend campus activities and events	
22g.	fySEserv	Learning support services (tutoring services, writing center, etc.)	
Question 23. Which of the following sources are you using to pay your education expenses (tuition, fees, books, room & board, etc.)?			
22a.	fyparents	Support from parents and relatives	
22b.	fyloans	Loans	1 = Using 2 = Not using 9 = Not sure
22c.	fygrants	Grants or scholarships	
22d.	fyjob	Job or personal savings	
22e.	fyother	Other	

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Item #	Variable name	Variable label	Values and labels
Question 24.	fygrades	What do you expect most of your grades will be during the coming year? (Select only one.)	1 = C- or lower 2 = C 3 = C+ 4 = B- 5 = B 6 = B+ 7 = A- 8 = A 9 = Grades not used
Question 25.	fyintgrad	Do you expect to graduate from this institution?	0 = No 1 = Yes 9 = Uncertain

ADDITIONAL INFORMATION

Question 26.

Item #	Variable name	Variable label	Values and labels
26a.	fymajor	Do you know what your major will be?	0 = No 1 = Yes
26b.	MAJoneA	Specify: (write-in provided for variable fymajor)	Write-in response
--	fymajcode	Write-in response for *MAJoneA* coded into BCSSE major categories	See page 11 for full list of major categories

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Item #	Variable name	Variable label		Values and labels

Full list of BCSSE's major categories for *fymajorcode*

Arts & Humanities
1 = Arts, fine and applied
2 = Architecture
3 = Art history
4 = English (language and literature)
5 = French (language and literature)
6 = Spanish (language and literature)
7 = Other language and literature
8 = History
9 = Humanities (general)
10 = Music
11 = Philosophy
12 = Religion
13 = Theater or drama
14 = Other fine and performing arts
15 = Other humanities

Biological Science, Agriculture, & Natural Resources
16 = Biology (general)
17 = Agriculture
18 = Biochemistry or biophysics
19 = Biomedical science
20 = Botany
21 = Cell and molecular biology
22 = Environmental science/studies
23 = Marine science
24 = Microbiology or bacteriology
25 = Natural resources and conservation
26 = Natural science
27 = Neuroscience
28 = Physiology and developmental biology
29 = Zoology
30 = Other agr. and natural resources
31 = Other biological sciences

Physical Science, Mathematics, & Computer Science
32 = Physical sciences (general)
33 = Astronomy
34 = Atmospheric sciences (meteorology)
35 = Chemistry
36 = Computer science
37 = Earth science (including geology)
38 = Mathematics
39 = Physics
40 = Statistics
41 = Other physical sciences

Social Sciences
42 = Social sciences (general)
43 = Anthropology
44 = Economics
45 = Ethnic studies
46 = Gender studies
47 = Geography
48 = International relations
49 = Political science
50 = Psychology
51 = Sociology
52 = Other social sciences

Business
53 = Accounting
54 = Business administration
55 = Entrepreneurial studies
56 = Finance
57 = Hospitality and tourism
58 = International business
59 = Management
60 = Management information systems
61 = Marketing

62 = Organizational leadership or behavior
63 = Supply chain and operations
64 = Other business

Communications, Media, & Public Relations
65 = Communications (general)
66 = Broadcast communications
67 = Journalism
68 = Mass communications and media studies
69 = Public relations and advertising
70 = Speech
71 = Telecommunications
72 = Other communications

Education
73 = Education (general)
74 = Business education
75 = Early childhood education
76 = Elementary, middle school education
77 = Mathematics education
78 = Music or art education
79 = Physical education
80 = Secondary education
81 = Social studies education
82 = Special education
83 = Other education

Engineering
84 = Engineering (general)
85 = Aero-, astronautical engineering
86 = Bioengineering
87 = Biomedical engineering
88 = Chemical engineering
89 = Civil engineering

90 = Computer engineering and technology
91 = Electrical or electronic engineering
92 = Industrial engineering
93 = Materials engineering
94 = Mechanical engineering
95 = Petroleum engineering
96 = Software engineering
97 = Other engineering

Health Professions
98 = Allied health
99 = Dentistry
100 = Health science
101 = Health technology (medical, dental, laboratory)
102 = Healthcare administration and policy
103 = Kinesiology
104 = Medicine
105 = Nursing
106 = Nutrition and dietetics
107 = Occupational safety and health
108 = Occupational therapy
109 = Pharmacy
110 = Physical therapy
111 = Rehabilitation sciences
112 = Speech therapy
113 = Veterinary science
114 = Other health professions

Social Service Professions
115 = Criminal justice
116 = Criminology
117 = Forensics
118 = Justice administration
119 = Law
120 = Military science

121 = Public administration, policy
122 = Public safety and emergency management
123 = Social work
124 = Urban planning

Other majors (not categorized)
125 = Computer information systems
126 = Family and consumer studies
127 = General studies
128 = Information systems
129 = Information technology
130 = Liberal arts and sciences
131 = Multi, Interdisciplinary studies
132 = Network security and systems
133 = Other computer science and technology
134 = Parks, recreation, leisure studies, sports management
135 = Professional studies (general)
136 = Technical, vocational studies
137 = Theological studies, ministry
138 = Other, not listed
998 = Unrecognized write-in
999 = Undecided, undeclared

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Item #	Variable name	Variable label	Values and labels
–	FYmajrcol	Recoded write-in major variable *MAJoneA* into one of eleven related-major categories	1 = Arts and Humanities 2 = Biological Sciences, Agriculture, and Natural Resources 3 = Physical Sciences, Mathematics, and Computer Science 4 = Social Sciences 5 = Business 6 = Communications, Media, and Public Relations 7 = Education 8 = Engineering 9 = Health Professions 10 = Social Service Professions 11 = All other 999 = Undecided, undeclared
Question 27.	fyfulltime	Are you (or will you be) a full-time student this fall term?	0 = No 1 = Yes
Question 28.	fyfriends	How many of your close friends will attend this college during the coming year?	1 = None 2 = 1 3 = 2 4 = 3 5 = 4 or more
Question 29.	fychoice	This institution was your:	1 = First choice 2 = Second choice 3 = Third choice 4 = Fourth choice 5 = Fifth choice or lower
Question 30.	fygender	What is your gender identity?	1 = Man 2 = Woman 3 = Another gender identity, please specify 9 = I prefer not to respond
–	fygender_txt	Specify: (Write-in provided for variable *fygender*).	Write-in response
Question 31.	fyinternat	Are you an international student or foreign national?	0 = No 1 = Yes

Item #	Variable name	Variable label	Values and labels
Question 32. Ethno-cultural information is collected to support programs that promote equal opportunity for everyone. Are you… (Select all that apply.)			
32a.	race_white_ca	White	
32b.	race_amind_ca	North American Indian	
32c.	race_metis_ca	Métis	
32d.	race_inuit_ca	Inuit	
32e.	race_chin_ca	Chinese	
32f.	race_s_asia_ca	South Asian (e.g., East Indian, Pakistani, Sri Lankan, etc.)	
32g.	race_black_ca	Black	
32h.	race_phil_ca	Filipino	0 = Not selected 1 = Selected
32i.	race_latino_ca	Latin American	
32j.	race_se_asia_ca	Southeast Asian (e.g., Cambodian, Indonesian, Laotian, Vietnamese, etc.)	
32k.	race_arab_ca	Arab (e.g., Saudi, Egyptian, etc.)	
32l.	race_w_asia_ca	West Asian (e.g., Afghan, Iranian, etc.)	
32m	race_japan_ca	Japanese	
32n.	race_korea_ca	Korean	
32o.	race_other_ca	Other	
Question 33.	pardegree_ca	What is the highest level of education completed by either of your parents (or those who raised you)?	1 = Did not finish high school 2 = Graduated from high school 3 = Some or completed college or CEGEP 4 = Attended university without earning degree 5 = Completed a bachelor's degree (B.A., B.Sc., etc.) 6 = Completed a master's degree (M.A., M.Sc., etc.) 7 = Completed a doctoral or professional degree (Ph.D., J.D., M.D., etc.)

Item #	Variable name	Variable label	Values and labels
Question 34.	fydistanc	In driving time, about how far is this institution from the home where you lived during your last year of high school?	1 = Less than 1 hour 2 = At least 1 hour, less than 2 hours 3 = At least 2 hours, less than 4 hours 4 = At least 4, less than 6 hours 5 = At least 6, less than 8 hours 6 = 8 hours or more
Question 35.	fyliving	Which of the following best describes where you will be (or are) living during the coming school year?	1 = Dormitory or other campus housing 2 = Residence (house, apartment, etc.) within walking distance to campus 3 = Residence (house, apartment, etc.) farther than walking distance to campus 9 = None of the above

Question 36. Enter your first two initials and last name:

36a.	fi	First initial	
36b.	mi	Middle initial	Write-in response
36c.	lastname	Last name	

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Item #	Variable name	Variable label	Values and labels

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	

Item #	Variable name	Variable label	Values and labels

MISCELLANEOUS INFORMATION

Item #	Variable name	Variable label	Values and labels
–	bsurvid	BCSSE survey ID number	
–	bmodecmp	Mode of survey completion	1 = Paper survey 2 = Web survey
–	bversion	Questionnaire version (e.g., Standard U. S., Canadian)	1 = Standard 2 = Canadian (English)
–	bfirstgen	First generation status	0 = Did not complete a bachelor's degree 1 = Completed bachelor's degree

NSSE 2017 Codebook
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Item #	Variable name	EI [a]	Variable label	Values and labels
Question 1.	**During the current school year, about how often have you done the following?**			
1a.	askquest		Asked questions or contributed to course discussions in other ways	
1b.	drafts		Prepared two or more drafts of a paper or assignment before turning it in	
1c.	unprepared		Come to class without completing readings or assignments	
1d.	attendart		Attended an art exhibit, play, or other arts performance (dance, music, etc.)	1 = Never
1e.	CLaskhelp	CL	Asked another student to help you understand course material	2 = Sometimes 3 = Often
1f.	CLexplain	CL	Explained course material to one or more students	4 = Very often
1g.	CLstudy	CL	Prepared for exams by discussing or working through course material with other students	
1h.	CLproject	CL	Worked with other students on course projects or assignments	
1i.	present		Given a course presentation	
–	unpreparedr		Reverse code of the variable unprepared	1 = Very often 2 = Often 3 = Sometimes 4 = Never
Question 2.	**During the current school year, about how often have you done the following?**			
2a.	RIintegrate	RI	Combined ideas from different courses when completing assignments	
2b.	RIsocietal	RI	Connected your learning to societal problems or issues	
2c.	RIdiverse	RI	Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	1 = Never
2d.	RIownview	RI	Examined the strengths and weaknesses of your own views on a topic or issue	2 = Sometimes 3 = Often
2e.	RIperspect	RI	Tried to better understand someone else's views by imagining how an issue looks from their perspective	4 = Very often
2f.	RInewview	RI	Learned something that changed the way you understand an issue or concept	
2g.	RIconnect	RI	Connected ideas from your courses to your prior experiences and knowledge	

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Question 3. During the current school year, about how often have you done the following?				
3a.	SFcareer	SF	Talked about career plans with a faculty member	1 = Never
3b.	SFotherwork	SF	Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	2 = Sometimes
3c.	SFdiscuss	SF	Discussed course topics, ideas, or concepts with a faculty member outside of class	3 = Often 4 = Very often
3d.	SFperform	SF	Discussed your academic performance with a faculty member	
Question 4. During the current school year, how much has your coursework emphasized the following?				
4a.	memorize		Memorizing course material	
4b.	HOapply	HO	Applying facts, theories, or methods to practical problems or new situations	1 = Very little
4c.	HOanalyze	HO	Analyzing an idea, experience, or line of reasoning in depth by examining its parts	2 = Some 3 = Quite a bit
4d.	HOevaluate	HO	Evaluating a point of view, decision, or information source	4 = Very much
4e.	HOform	HO	Forming a new idea or understanding from various pieces of information	
Question 5. During the current school year, to what extent have your instructors done the following?				
5a.	ETgoals	ET	Clearly explained course goals and requirements	
5b.	ETorganize	ET	Taught course sessions in an organized way	1 = Very little
5c.	ETexample	ET	Used examples or illustrations to explain difficult points	2 = Some 3 = Quite a bit
5d.	ETdraftfb	ET	Provided feedback on a draft or work in progress	4 = Very much
5e.	ETfeedback	ET	Provided prompt and detailed feedback on tests or completed assignments	
Question 6. During the current school year, about how often have you done the following?				
6a.	QRconclude	QR	Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	1 = Never
6b.	QRproblem	QR	Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	2 = Sometimes 3 = Often
6c.	QRevaluate	QR	Evaluated what others have concluded from numerical information	4 = Very often

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Question 7.			**During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned?**	
			(Include those not yet completed.)	
7a.	wrshort		Up to 5 pages	1 = None
				2 = 1-2
				3 = 3-5
7b.	wrmed		Between 6 and 10 pages	4 = 6-10
				5 = 11-15
				6 = 16-20
7c.	wrlong		11 pages or more	7 = More than 20 papers
–	wrshortnum		Estimated number of assigned papers, reports, etc., up to 5 pages (NSSE recode)	0.0 = None
				1.5 = 1-2
				4.0 = 3-5
–	wrmednum		Estimated number of assigned papers, reports, etc., between 6 and 10 pages (NSSE recode)	8.0 = 6-10
				13.0 = 11-15
				18.0 = 16-20
–	wrlongnum		Estimated number of assigned papers, reports, etc., 11 pages or more (NSSE recode)	23.0 = More than 20 papers
–	wrpages		Estimated pages of assigned writing, recoded and summed by NSSE from *wrshort*, *wrmed*, and *wrlong* using the midpoints of response ranges and an estimate for unbounded options	
Question 8.			**During the current school year, about how often have you had discussions with people from the following groups?**	
8a.	DDrace	DD	People of a race or ethnicity other than your own	
8b.	DDeconomic	DD	People from an economic background other than your own	1 = Never
				2 = Sometimes
8c.	DDreligion	DD	People with religious beliefs other than your own	3 = Often
				4 = Very often
8d.	DDpolitical	DD	People with political views other than your own	
Question 9.			**During the current school year, about how often have you done the following?**	
9a.	LSreading	LS	Identified key information from reading assignments	1 = Never
				2 = Sometimes
9b.	LSnotes	LS	Reviewed your notes after class	3 = Often
9c.	LSsummary	LS	Summarized what you learned in class or from course materials	4 = Very often
Question 10.	challenge		During the current school year, to what extent have your courses challenged you to do your best work?	1 = Not at all to 7 = Very much

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels
Question 11. Which of the following have you done or do you plan to do before you graduate?				
11a.	intern		Participate in an internship, co-op, field experience, student teaching, or clinical placement	
11b.	leader		Hold a formal leadership role in a student organization or group	
11c.	learncom		Participate in a learning community or some other formal program where groups of students take two or more classes together	1 = Have not decided 2 = Do not plan to do 3 = Plan to do 4 = Done or in progress
11d.	abroad		Participate in a study abroad program	
11e.	research		Work with a faculty member on a research project	
11f.	capstone		Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	
Question 12.	servcourse		About how many of your courses at this institution have included a community-based project (service-learning)?	1 = None 2 = Some 3 = Most 4 = All
–	HIPsumFY		Number of high-impact practices for first-year students marked 'Done or in progress' (learncom, research) or 'All, Most, or Some' (servcourse).	0 = None 1 = One 2 = Two 3 = Three
–	HIPsumSR		Number of high-impact practices for seniors marked 'Done or in progress' (learncom, research, intern, abroad, and capstone) or 'All, Most, or Some' (servcourse).	0 = None 1 = One 2 = Two 3 = Three 4 = Four 5 = Five 6 = Six

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Question 13.	**Indicate the quality of your interactions with the following people at your institution.**			
13a.	QIstudent	QI	Students	1 = Poor
13b.	QIadvisor	QI	Academic advisors	2 = 2 3 = 3
13c.	QIfaculty	QI	Faculty	4 = 4 5 = 5
13d.	QIstaff	QI	Student services staff (career services, student activities, housing, etc.)	6 = 6 7 = Excellent
13e.	QIadmin	QI	Other administrative staff and offices (registrar, financial aid, etc.)	9 = Not applicable (coded as missing)
Question 14.	**How much does your institution emphasize the following?**			
14a.	empstudy		Spending significant amounts of time studying and on academic work	
14b.	SEacademic	SE	Providing support to help students succeed academically	
14c.	SElearnsup	SE	Using learning support services (tutoring services, writing center, etc.)	
14d.	SEdiverse	SE	Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	1 = Very little
14e.	SEsocial	SE	Providing opportunities to be involved socially	2 = Some 3 = Quite a bit
14f.	SEwellness	SE	Providing support for your overall well-being (recreation, health care, counseling, etc.)	4 = Very much
14g.	SEnonacad	SE	Helping you manage your non-academic responsibilities (work, family, etc.)	
14h.	SEactivities	SE	Attending campus activities and events (performing arts, athletic events, etc.)	
14i.	SEevents	SE	Attending events that address important social, economic, or political issues	

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels
Question 15. About how many hours do you spend in a typical 7-day week doing the following?				
15a.	tmprep		Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	
15b.	tmcocurr		Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	1 = 0 Hours per week
15c.	tmworkon		Working for pay **on campus**	2 = 1-5 3 = 6-10
15d.	tmworkoff		Working for pay **off campus**	4 = 11-15 5 = 16-20
15e.	tmservice		Doing community service or volunteer work	6 = 21-25
15f.	tmrelax		Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	7 = 26-30 8 = More than 30
15g.	tmcare		Providing care for dependents (children, parents, etc.)	
15h.	tmcommute		Commuting to campus (driving, walking, etc.)	
–	tmprephrs		Estimated hours: *tmprep* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	
–	tmcocurrhrs		Estimated hours: *tmcocurr* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	
–	tmworkonhrs		Estimated hours: *tmworkon* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	0 = 0 hrs 3 = 1-5 hrs
–	tmworkoffhrs		Estimated hours: *tmworkoff* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	8 = 6-10 hrs 13 = 11-15 hrs
–	tmservicehrs		Estimated hours: *tmservice* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	18 = 16-20 hrs 23 = 21-25 hrs
–	tmrelaxhrs		Estimated hours: *tmrelax* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	28 = 26-30 hrs 33 = More than 30 hrs
–	tmcarehrs		Estimated hours: *tmcare* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	
–	tmcommutehrs		Estimated hours: *tmcommute* recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	
–	tmworkhrs		Estimated number of hours working for pay recoded and summed by NSSE from *tmworkonhrs* and *tmworkoffhrs* using the response range midpoints and an estimate for unbounded options.	

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Question 16.	reading		Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading*?	1 = Very little 2 = Some 3 = About half 4 = Most 5 = Almost all
–	tmreadinghrs		Estimated number of hours reading calculated by NSSE, multiplying *tmprephrs* by a proportion of *reading* (Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90).	
–	tmreadinghrscol		NSSE recode of *tmreadinghrs*	1 = 0 hrs 2 = More than zero, up to 5 hrs 3 = More than 5, up to 10 hrs 4 = More than 10, up to 15 hrs 5 = More than 15, up to 20 hrs 6 = More than 20, up to 25 hrs 7 = More than 25 hrs

Question 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

Item #	Variable name	EI[a]	Variable label	Values and labels
17a.	pgwrite		Writing clearly and effectively	
17b.	pgspeak		Speaking clearly and effectively	
17c.	pgthink		Thinking critically and analytically	
17d.	pganalyze		Analyzing numerical and statistical information	
17e.	pgwork		Acquiring job- or work-related knowledge and skills	1 = Very little 2 = Some 3 = Quite a bit 4 = Very much
17f.	pgothers		Working effectively with others	
17g.	pgvalues		Developing or clarifying a personal code of values and ethics	
17h.	pgdiverse		Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	
17i.	pgprobsolve		Solving complex real-world problems	
17j.	pgcitizen		Being an informed and active citizen	

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels
Question 18.	evalexp		How would you evaluate your entire educational experience at this institution?	1 = Poor 2 = Fair 3 = Good 4 = Excellent
Question 19.	sameinst		If you could start over again, would you go to the *same institution* you are now attending?	1 = Definitely no 2 = Probably no 3 = Probably yes 4 = Definitely yes
Question 20.				
20a.	MAJnum		How many majors do you plan to complete? (Do not count minors.)	1 = One 2 = More than one
20b.	MAJfirst		Please enter your major or expected major: *[Note: item was only given if respondent selected "One major" on item 20a.]*	Write-in response
	MAJsecond		Please enter up to two majors or expected majors (do not enter minors): *[Note: item was only given if respondent selected "More than one major" on item 20a.]*	Write-in response -9 = *Survey did not include this question*
20c.	MAJfirstcode		First or expected major (NSSE's code for MAJfirst) *[Note: item was only given if the student's write-in response on item 20b (MAJfirst) was unrecognizable by NSSE's lookup table or if 20b was skipped]*	See page 25 for full list of major categories
	MAJsecondcode		Second major (NSSE's code for MAJsecond) *[Note: item was only given if the student's write-in response on item 20b (MAJsecond) was unrecognizable by NSSE's lookup table or if item 20b was skipped]*	

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels
20c.			Full list of NSSE's major categories for *MAJfirstcode* and *MAJsecondcode*	

Arts & Humanities
1 = Arts, fine and applied
2 = Architecture
3 = Art history
4 = English (language and literature)
5 = French (language and literature)
6 = Spanish (language and literature)
7 = Other language and literature
8 = History
9 = Humanities (general)
10 = Music
11 = Philosophy
12 = Religion
13 = Theater or drama
14 = Other fine and performing arts
15 = Other humanities

Biological Science, Agriculture, & Natural Resources
16 = Biology (general)
17 = Agriculture
18 = Biochemistry or biophysics
19 = Biomedical science
20 = Botany
21 = Cell and molecular biology
22 = Environmental science/studies
23 = Marine science
24 = Microbiology or bacteriology
25 = Natural resources and conservation
26 = Natural science
27 = Neuroscience
28 = Physiology and developmental biology
29 = Zoology
30 = Other agr. and natural resources
31 = Other biological sciences

Physical Science, Mathematics, & Computer Science
32 = Physical sciences (general)
33 = Astronomy
34 = Atmospheric sciences (meteorology)
35 = Chemistry
36 = Computer science
37 = Earth science (including geology)
38 = Mathematics
39 = Physics
40 = Statistics
41 = Other physical sciences

Social Sciences
42 = Social sciences (general)
43 = Anthropology
44 = Economics
45 = Ethnic studies
46 = Gender studies
47 = Geography
48 = International relations
49 = Political science
50 = Psychology
51 = Sociology
52 = Other social sciences

Business
53 = Accounting
54 = Business administration
55 = Entrepreneurial studies
56 = Finance
57 = Hospitality and tourism
58 = International business
59 = Management
60 = Management information systems
61 = Marketing

62 = Organizational leadership or behavior
63 = Supply chain and operations
64 = Other business

Communications, Media, & Public Relations
65 = Communications (general)
66 = Broadcast communications
67 = Journalism
68 = Mass communications and media studies
69 = Public relations and advertising
70 = Speech
71 = Telecommunications
72 = Other communications

Education
73 = Education (general)
74 = Business education
75 = Early childhood education
76 = Elementary, middle school education
77 = Mathematics education
78 = Music or art education
79 = Physical education
80 = Secondary education
81 = Social studies education
82 = Special education
83 = Other education

Engineering
84 = Engineering (general)
85 = Aero-, astronautical engineering
86 = Bioengineering
87 = Biomedical engineering
88 = Chemical engineering
89 = Civil engineering

90 = Computer engineering and technology
91 = Electrical or electronic engineering
92 = Industrial engineering
93 = Materials engineering
94 = Mechanical engineering
95 = Petroleum engineering
96 = Software engineering
97 = Other engineering

Health Professions
98 = Allied health
99 = Dentistry
100 = Health science
101 = Health technology (medical, dental, laboratory)
102 = Healthcare administration and policy
103 = Kinesiology
104 = Medicine
105 = Nursing
106 = Nutrition and dietetics
112 = Speech therapy
113 = Veterinary science
114 = Other health professions

Social Service Professions
115 = Criminal justice
116 = Criminology
117 = Forensics
118 = Justice administration
119 = Law
120 = Military science
121 = Public administration, policy
122 = Public safety and emergency management
123 = Social work
124 = Urban planning

Other majors (not categorized)
125 = Computer information systems
126 = Family and consumer studies
127 = General studies
128 = Information systems
129 = Information technology
130 = Liberal arts and sciences
131 = Multi, Interdisciplinary studies
132 = Network security and systems
133 = Other computer science and technology
134 = Parks, recreation, leisure studies, sports management
135 = Professional studies (general)
136 = Technical, vocational studies
137 = Theological studies, ministry
138 = Other, not listed
998 = Unrecognized write-in
999 = Undecided, undeclared
-9 = *Student did not receive this question (coded as missing; applicable for MAJsecondcode only)*

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels
–	MAJFself		NSSE-created flag for students who self-selected their major or first major from the full list (see pg. 25)	0 = Did not self-select 1 = Self-selected
–	MAJSself		NSSE-created flag for students who self-selected their second major from the full list (see pg. 25)	0 = Did not self-select 1 = Self-selected -9 = *Student did not see receive this question (coded as missing)*
–	MAJfirstcol		Recoded write-in major variable MAJfirst into one of eleven related-major categories	1 = Arts and Humanities 2 = Biological Sciences, Agriculture, and Natural Resources 3 = Physical Sciences, Mathematics, and Computer Science 4 = Social Sciences 5 = Business 6 = Communications, Media, and Public Relations 7 = Education 8 = Engineering 9 = Health Professions 10 = Social Service Professions 11 = All other 999 = Undecided, undeclared -9 = *Student did not receive this question (coded as missing; applicable for MAJsecondcol only)*
–	MAJsecondcol		Recoded write-in major variable MAJsecond into one of eleven related-major categories	
Question 21.	class		What is your current year of study in university?	1 = 1st year 2 = 2nd year 3 = 3rd year 4 = 4th year 5 = Other
Question 22.	fulltime		Thinking about this current academic term, are you a full-time student?	0 = No 1 = Yes

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Question 23.				
23a.	coursenum		How many courses are you taking for credit this current academic term?	0 = 0 1 = 1 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = 7 or more
23b.	onlinenum		Of these, how many are *entirely online*?	0 = 0 1 = 1 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = 7 or more
–	onlinecrscol		Collapsed recode of how many courses are taken entirely online	1 = No courses taken online 2 = Some courses taken online 3 = All courses taken online
Question 24.	grades		What have most of your grades been up to now at this institution?	1 = C- or lower 2 = C 3 = C+ 4 = B- 5 = B 6 = B+ 7 = A- 8 = A
Question 25.	begincol		Did you begin college at this institution or elsewhere?	0 = Started here 1 = Started elsewhere

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI*a*	Variable label	Values and labels

Question 26. Since graduating from high school, which of the following types of schools have you attended *other than* the one you are now attending? (Select all that apply.)

[Note: attend_none was disabled if respondent selected "Started elsewhere" on item 25.]

Item #	Variable name	Variable label	Values and labels
26a.	attend_voc_ca	Community college (vocational or technical courses not at university level)	
26b.	attend_com_ca	Community college (university credit/transfer courses)	
26c.	attend_col_ca	University other than this one	
26d.	attend_cegep_gen_ca	CEGEP (general or pre-university program)	0 = Not selected
26e.	attend_cegep_prof_ca	CEGEP (professional or technical program)	1 = Selected
26f.	attend_private_ca	Private training institution	
26g.	attend_none_ca	None	
26h.	attend_other_ca	Other	
Question 27.	edaspire	What is the highest level of education you ever expect to complete?	1 = Some university but less than a bachelor's degree 2 = Bachelor's degree (B.A., B.Sc., etc.) 3 = Master's degree (M.A., M.Sc., etc.) 4 = Doctoral or professional degree (Ph.D., J.D., M.D., etc.)
Question 28.	parented_ca	What is the highest level of education completed by either of your parents (or those who raised you)?	1 = Did not finish high school 2 = Graduated from high school 3 = Some or completed college or CEGEP 4 = Attended university without earning degree 5 = Completed a bachelor's degree (B.A., B.Sc., etc.) 6 = Completed a master's degree (M.A., M.Sc., etc.) 7 = Completed a doctoral or professional degree (Ph.D., J.D., M.D., etc.)

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels
Question 29.	genderid		What is your gender identity?	1 = Man 2 = Woman 3 = Another gender identity 9 = I prefer not to respond
–	genderid_txt		Another gender identity, please specify:	Write-in response
Question 30.	birthyear		Enter your year of birth (e.g., 1994): 19[ ]	Write-in response
–	age		Age (Recoded from variable birthyear)	
–	agecat		Age category	1 = 19 or younger 2 = 20-23 3 = 24-29 4 = 30-39 5 = 40-55 6 = Over 55
Question 31.	internat_ca		What is your present citizenship status?	1 = Citizen of another country with a student visa or other non-immigrant visa 2 = Canadian permanent resident 3 = Canadian citizen

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels

Question 32. Ethno-cultural information is collected to support programs that promote equal opportunity for everyone. Are you...Select all that apply.

Item #	Variable name	Variable label	Values and labels
32a.	re_white_ca	White	
32b.	re_amind_ca	North American Indian	
32c.	re_metis_ca	Métis	
32d.	re_inuit_ca	Inuit	
32e.	re_chin_ca	Chinese	
32f.	re_s_asia_ca	South Asian (East Indian, Pakistani, Sri Lankan, etc.)	
32g.	re_black_ca	Black	
32h.	re_phil_ca	Filipino	0 = Not selected 1 = Selected
32i.	re_latino_ca	Latin American	
32j.	re_se_asia_ca	Southeast Asian (Cambodian, Indonesian, Laotian, Vietnamese, etc.)	
32k.	re_arab_ca	Arab (Saudi, Egyptian, etc.)	
32l.	re_w_asia_ca	West Asian (Afghan, Iranian, etc.)	
32m.	re_japan_ca	Japanese	
32n.	re_korea_ca	Korean	
32o.	re_other_ca	Other	

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Question 33.	greek		Are you a member of a social fraternity or sorority?	0 = No 1 = Yes
Question 34.	living_ca		Which of the following best describes where you are living while attending university?	1 = Room or apartment in university residence or campus housing 2 = Fraternity or sorority house 3 = Residence (house, apartment, etc.) within walking distance to the institution 4 = Residence (house, apartment, etc.) farther than walking distance to the institution 5 = None of the above
Question 35.	athlete		Are you a student-athlete on a team sponsored by your institution's athletics department?	0 = No 1 = Yes
Question 36.				
36a.	disability		Have you been diagnosed with any disability or impairment?	0 = No 1 = Yes 9 = I prefer not to respond
36b.			**Which of the following have been diagnosed? (Select all that apply.)** *[Note: item was only given if respondent either selected "Yes" on item 36a.]*	
	dis_sense		A sensory impairment (vision or hearing)	
	dis_mobility		A mobility impairment	0 = Not selected 1 = Selected -9 = *Student did not receive this question (coded as missing)*
	dis_learning		A learning disability (e.g., ADHD, dyslexia)	
	dis_mental		A mental health disorder	
	dis_other		A disability or impairment not listed above	

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
–	disability_all		Students' disability identification based on disability and dis_sense through dis_other where each student is represented only once. 1 through 5 represent students who selected only one disability or impairment; 6 represents students who selected more than one disability or impairment.	1 = A sensory impairment 2 = A mobility impairment 3 = A learning disability 4 = A mental health disorder 5 = A disability or impairment not listed above 6 = More than one disability or impairment 7 = No disability or impairment 8 = Prefer not to respond
Question 37.	sexorient17		Which of the following best describes your sexual orientation?	1 = Straight (heterosexual) 2 = Bisexual 3 = Gay 4 = Lesbian 5 = Queer 6 = Questioning or unsure 7 = Another sexual orientation, please specify 9 = I prefer not to respond
–	sexorient17_txt		Another sexual orientation, please specify:	Write-in response

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Data Provided by Your Institution				
–	IRsex		Institution-reported: Sex	0 = Female 1 = Male
–	IRclass		Institution-reported: Class level	1 = Freshman (1st year) 2 = Sophomore (2nd year) 3 = Junior (3rd year) 4 = Senior (4th year) 5 = Other
–	IRftfy		Institution-reported: First-time first-year (FTFY) student	0 = Not first-time first-year 1 = First-time first-year
–	IRenrollment		Institution-reported: Enrollment status	0 = Not full-time 1 = Full-time
–	studentID		Institution-reported: Student ID	
–	group1		First school-provided group identifier	
–	group2		Second school-provided group identifier	
–	group3		Third school-provided group identifier	
–	group4		Fourth school-provided group identifier	
–	group5		Fifth school-provided group identifier	

a. Engagement Indicator items. Key to abbreviations on page 35.

Item #	Variable name	EI[a]	Variable label	Values and labels
Data Related to Survey Administration				
–	sample		Sample type	1 = Census 2 = Random sample 3 = Requested random oversample (FY/SR only) 4 = Targeted oversample 5 = Locally administered sample or oversample 6 = Experimental oversample
–	unitid		Institution unit ID (IPEDS or ESIS)	
–	surveyid		Unique survey number assigned by NSSE	
–	eligible		Identifies respondents that met NSSE criteria at time of survey completion	0 = No 1 = Yes
–	modecomp		Mode of completion on The College Student Report	1 = Paper survey 2 = Web survey
–	lms_complete		Respondent finished survey via LMS link	0 = No 1 = Yes
–	logdate		Date survey returned (paper) or logged in (web)	

a. Engagement Indicator items. Key to abbreviations on page 35.

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Item #	Variable name	EI[a]	Variable label	Values and labels

Weights

NSSE creates weights for randomly selected first-year and senior respondents based on part-time/full-time status and sex. Use weights to replicate the frequency column percentages. However, we encourage schools interested in intra-institutional weighting to consider a more sophisticated weighting system that takes into account response rate differences among additional student subpopulations. NSSE's weights are not appropriate for intra-institutional comparisons in most cases as the response rate differences among subgroups may not be the same as the ones that exist institution-wide at your school. Both weights listed below will reproduce your institution's report statistics, but the N's will differ. See NSSE's website for a full discussion about this topic at http://nsse.indiana.edu/html/weighting.cfm.

Item #	Variable name	EI	Variable label
–	WEIGHT1		Institution-reported sex and enrollment status for first-year and senior students within an institution. Replicates the original number of respondents for each institution and is used to produce frequency statistics for each institution.
–	WEIGHT2		Institution-reported sex and enrollment status weight up to population for first-year and senior students within an institution. Multiplies the number of respondents to match the institution's overall population size.

a. Engagement Indicator items. Key to abbreviations on page 35.

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Engagement Indicators

Engagement Indicators are sets of items that have been grouped into ten key dimensions of student engagement, which fit into four themes adapted from the former Benchmarks of Effective Educational Practice. EI scores are calculated for each student and range from 0 to 60. The EI score for an institution is the weighted mean of these student-level scores. For more detailed information about how Engagement Indicators are calculated, visit the NSSE Web site.

nsse.indiana.edu/html/engagementIndicators.cfm

Variable name	Description	Items
HO	**Higher-Order Learning:** Amount coursework emphasized challenging learning tasks including applying learned information to practical problems, analyzing ideas and experiences, evaluating information from other sources, and forming new ideas from various pieces of information.	**Items 4b-e:** HOapply, HOanalyze, HOevaluate, HOform
RI	**Reflective & Integrative Learning:** How often students made connections with prior knowledge, other courses, and societal issues, took into account diverse perspectives, and reflected on their own views while examining the views of others.	**Items 2a-g:** RIintegrate, RIsocietal, RIdiverse, RIownview, RIperspect, RInewview, RIconnect
LS	**Learning Strategies:** How often students enacted basic strategies for academic success, such as identifying key information in readings, reviewing notes after class, and summarizing course material.	**Items 9a-c:** LSreading, LSnotes, LSsummary
QR	**Quantitative Reasoning:** How often students engaged with numerical and statistical information across the curriculum, and used this information to reach conclusions, examine real-world problems, and evaluate what others have concluded.	**Items 6a-c:** QRconclude, QRproblem, QRevaluate
CL	**Collaborative Learning:** How often students collaborated with others in mastering difficult material by asking for help, explaining material to others, preparing for exams, and working on group projects.	**Items 1e-h:** CLaskhelp, CLexplain, CLstudy, CLproject
DD	**Discussions with Diverse Others:** How often students had discussions with people who differ from themselves in terms of race or ethnicity, economic background, religious belief, or political views.	**Items 8a-d:** DDrace, DDeconomic, DDreligion, DDpolitical
SF	**Student-Faculty Interaction:** How often students had meaningful, substantive interactions with faculty members and advisors, such as talking about career plans, working on committees or student groups, discussing course material outside of class, or discussing their academic performance.	**Items 3a-d:** SFcareer, SFotherwork, SFdiscuss, SFperform
ET	**Effective Teaching Practices:** Amount instructors emphasized student comprehension and learning with clear explanations and organization, use of illustrative examples, and providing formative and effective feedback.	**Items 5a-e:** ETgoals, ETorganize, ETexample, ETdraftfb, ETfeedback
QI	**Quality of Interactions:** How students rated their interactions with important people in their learning environment, including other students, advisors, faculty, student services, and other administrative staff members.	**Items 13a-e:** QIstudent, QIadvisor, QIfaculty, QIstaff, QIadmin
SE	**Supportive Environment:** Amount the institution emphasized help for students to persist and learn through academic support programs, encouraged diverse interactions, and provided social opportunities, campus activities, health and wellness, and support for non-academic responsibilities.	**Items 14b-i:** SEacademic, SElearnsup, SEdiverse, SEsocial, SEwellness, SEnonacad, SEactivities, SEevents