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# BCSSE 2016-NSSE 2017 Combined Codebook

U.S. Version

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# BCSSE 2016 Codebook

## U.S. 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 <u>not</u> 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
<b>HIGH SCHOOL EXPERIENCES</b>			
<b>Question 1.</b>	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
<b>Question 2.</b>	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)
<b>Question 3.</b>	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
<b>Question 4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)</b>			
4a.	halg13	Algebra II	
4b.	hprecalc13	Pre-Calculus/Trigonometry	0 = Not selected 1 = Selected
4c.	hcalc13	Calculus	
4d.	hstats13	Probability or Statistics	
<b>Question 5.</b>			
5.	hsatact	Did you take the SAT and/or ACT?	0 = No 1 = Yes
<b>If yes, please write your scores below (as best you remember):</b>			
5a.	hsater	SAT: Critical Reading	
5b.	hsatmr	SAT: Mathematical Reasoning	<i>SAT (possible range = 200-800)</i>
5c.	hsatwr	SAT: Writing	
5d.	hact	ACT: Composite	<i>ACT (possible range = 1-36)</i>
–	sat_act	SAT Composite Score (SAT scores or ACT scores converted to SAT scale)	
			1 = 900 or lower 2 = 901-1000 3 = 1001-1100 4 = 1101-1200 5 = 1201-1300 6 = 1301-1400 7 = 1401-1600
–	sat_actr	Recode of SAT Composite Score variable <i>sat_act</i> into categories	
<b>Question 6. During high school, how many of the following types of classes did you complete?</b>			
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

Item #	Variable name	Variable label	Values and labels
<b>Question 7. During your <i>last year</i> of high school, about how many papers, reports, or other writing tasks of the following length did you complete?</b>			
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 6 = 16-20
7c.	hWRlng	11 pages or more	7 = More than 20 papers, etc.
<b>Question 8. During your <i>last year</i> of high school, about how many hours did you spend in a typical 7-day week doing each of the following?</b>			
8a.	hacadpr13	Preparing for class (studying, reading, doing homework, etc.)	1 = 0 2 = 1-5 3 = 6-10
8b.	hwork	Working for pay	4 = 11-15 5 = 16-20 6 = 21-25
8c.	hcocurr	Participating in co-curricular activities (organizations, school publications, student government, sports , etc.)	7 = 26-30 8 = More than 30
8d.	hsocial13	Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	
<b>Question 9.</b>	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

Item #	Variable name	Variable label	Values and labels
<b>Question 10. During your last year of high school, about how often did you do the following?</b>			
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.	hQRvaluat	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
10h.	hLSsummry	Summarized what you learned in class or from course materials	4 = Very often
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	
<b>Question 11. During your high school years, how involved were you in the following activities at your school or elsewhere?</b>			
11a.	hinvars	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
11e.	hinvhon13	Academic clubs or honor societies	3 = Some
11f.	hinvccl	Vocational clubs (business, health, technology, etc.)	4 = Quite a bit
11g.	hrelgrp	Religious youth groups	5 = Very much
11h.	hvolntr	Community service or volunteer work	

Item #	Variable name	Variable label	Values and labels
			1 = Not at all 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = Very much
<b>Question 12.</b>	hchallenge	During your <i>last year</i> of high school, to what extent did your courses challenge you to do your best work?	
<b>EXPECTED FIRST YEAR EXPERIENCES</b>			
<b>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?</b>			
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 3 = 6-10 4 = 11-15 5 = 16-20 6 = 21-25 7 = 26-30 8 = More than 30
13b.	fywork	Working for pay on- or off-campus	
13c.	fyoccurr	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	
13d.	fysocial13	Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	
<b>Question 14.</b>	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

Item #	Variable name	Variable label	Values and labels
<b>Question 15. During the coming school year, about how often do you expect to do each of the following?</b>			
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.	fyCLproject	Work with other students on course projects or assignments	
15e.	fySFcareer	Talk about career plans with a faculty member	1 = Never
15f.	fySFothrwrk	Work with a faculty member on activities other than coursework (committees, student groups, etc.)	2 = Sometimes
15g.	fySFprform	Discuss your academic performance with a faculty member	3 = Often
15h.	fySFdiscuss	Discuss course topics, ideas, or concepts with a faculty member outside of class	4 = Very often
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	
<b>Question 16. During the coming school year, about how often do you expect to have discussions with people from the following groups?</b>			
16a.	fyDVrace	People of a race or ethnicity other than your own	
16b.	fyDVeconomic	People from an economic background other than your own	1 = Never
16c.	fyDVreligion	People with religious beliefs other than your own	2 = Sometimes
16d.	fyDVpolitical	People with political views other than your own	3 = Often
			4 = Very often
<b>Question 17. During the coming school year, how certain are you that you will do the following?</b>			
17a.	cotherint	Study when there are other interesting things to do	
17b.	cfindinfo	Find additional information for course assignments when you don't understand the material	1 = Not at all certain
17c.	ccourdis	Participate regularly in course discussions, even when you don't feel like it	2 = 2
17d.	caskinst	Ask instructors for help when you struggle with course assignments	3 = 3
17e.	cfinish	Finish something you have started when you encounter challenges	4 = 4
17f.	cstaypos	Stay positive, even when you do poorly on a test or assignment	5 = 5
			6 = Very certain

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



Item #	Variable name	Variable label	Values and labels
<b>Question 21.</b>			
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?	
<b>Question 22. How important is it to you that your institution provide each of the following?</b>			
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.	fySEacad	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.)	
<b>Question 23. Which of the following sources are you using to pay your education expenses (tuition, fees, books, room &amp; board, etc.)?</b>			
22a.	fyparents	Support from parents and relatives	
22b.	fyloans	Loans	
22c.	fygrants	Grants or scholarships	1 = Using 2 = Not using 9 = Not sure
22d.	fyjob	Job or personal savings	
22e.	fyother	Other	

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			1 = C- or lower 2 = C 3 = C+ 4 = B- 5 = B 6 = B+ 7 = A- 8 = A 9 = Grades not used
<b>Question 24.</b>	fygrades	What do you expect most of your grades will be during the coming year? (Select only one.)	
<b>Question 25.</b>	fyintgrad	Do you expect to graduate from this institution?	0 = No 1 = Yes 9 = Uncertain
<b>ADDITIONAL INFORMATION</b>			
<b>Question 26.</b>			
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 <i>MAJoneA</i> coded into BCSSE major categories	See page 11 for full list of major categories

Item #	Variable name	Variable label	Values and labels	
Full list of BCSSE's major categories for <i>fymajorcode</i>				
<b>Arts &amp; Humanities</b>	<b>Physical Science, Mathematics, &amp; Computer Science</b>	62 = Organizational leadership or behavior	90 = Computer engineering and technology	121 = Public administration, policy
1 = Arts, fine and applied	32 = Physical sciences (general)	63 = Supply chain and operations	91 = Electrical or electronic engineering	122 = Public safety and emergency management
2 = Architecture	33 = Astronomy	64 = Other business	92 = Industrial engineering	123 = Social work
3 = Art history	34 = Atmospheric sciences (meteorology)	<b>Communications, Media, &amp; Public Relations</b>	93 = Materials engineering	124 = Urban planning
4 = English (language and literature)	35 = Chemistry	65 = Communications (general)	94 = Mechanical engineering	<b>Other majors (not categorized)</b>
5 = French (language and literature)	36 = Computer science	66 = Broadcast communications	95 = Petroleum engineering	125 = Computer information systems
6 = Spanish (language and literature)	37 = Earth science (including geology)	67 = Journalism	96 = Software engineering	126 = Family and consumer studies
7 = Other language and literature	38 = Mathematics	68 = Mass communications and media studies	97 = Other engineering	127 = General studies
8 = History	39 = Physics	69 = Public relations and advertising	<b>Health Professions</b>	128 = Information systems
9 = Humanities (general)	40 = Statistics	70 = Speech	98 = Allied health	129 = Information technology
10 = Music	41 = Other physical sciences	71 = Telecommunications	99 = Dentistry	130 = Liberal arts and sciences
11 = Philosophy	<b>Social Sciences</b>	72 = Other communications	100 = Health science	131 = Multi, Interdisciplinary studies
12 = Religion	42 = Social sciences (general)	<b>Education</b>	101 = Health technology (medical, dental, laboratory)	132 = Network security and systems
13 = Theater or drama	43 = Anthropology	73 = Education (general)	102 = Healthcare administration and policy	133 = Other computer science and technology
14 = Other fine and performing arts	44 = Economics	74 = Business education	103 = Kinesiology	134 = Parks, recreation, leisure studies, sports management
15 = Other humanities	45 = Ethnic studies	75 = Early childhood education	104 = Medicine	135 = Professional studies (general)
<b>Biological Science, Agriculture, &amp; Natural Resources</b>	46 = Gender studies	76 = Elementary, middle school education	105 = Nursing	136 = Technical, vocational studies
16 = Biology (general)	47 = Geography	77 = Mathematics education	106 = Nutrition and dietetics	137 = Theological studies, ministry
17 = Agriculture	48 = International relations	78 = Music or art education	107 = Occupational safety and health	138 = Other, not listed
18 = Biochemistry or biophysics	49 = Political science	79 = Physical education	108 = Occupational therapy	998 = Unrecognized write-in
19 = Biomedical science	50 = Psychology	80 = Secondary education	109 = Pharmacy	999 = Undecided, undeclared
20 = Botany	51 = Sociology	81 = Social studies education	110 = Physical therapy	
21 = Cell and molecular biology	52 = Other social sciences	82 = Special education	111 = Rehabilitation sciences	
22 = Environmental science/studies	<b>Business</b>	83 = Other education	112 = Speech therapy	
23 = Marine science	53 = Accounting	<b>Engineering</b>	113 = Veterinary science	
24 = Microbiology or bacteriology	54 = Business administration	84 = Engineering (general)	114 = Other health professions	
25 = Natural resources and conservation	55 = Entrepreneurial studies	85 = Aero-, astronautical engineering	<b>Social Service Professions</b>	
26 = Natural science	56 = Finance	86 = Bioengineering	115 = Criminal justice	
27 = Neuroscience	57 = Hospitality and tourism	87 = Biomedical engineering	116 = Criminology	
28 = Physiology and developmental biology	58 = International business	88 = Chemical engineering	117 = Forensics	
29 = Zoology	59 = Management	89 = Civil engineering	118 = Justice administration	
30 = Other agr. and natural resources	60 = Management information systems		119 = Law	
31 = Other biological sciences	61 = Marketing		120 = Military science	

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Item #	Variable name	Variable label	Values and labels
			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
–	FYmajrcol	Recoded write-in major variable <i>MAJoneA</i> into one of eleven related-major categories	
<b>Question 27.</b>	fyfulltime	Are you (or will you be) a full-time student this fall term?	0 = No 1 = Yes
<b>Question 28.</b>	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
<b>Question 29.</b>	fychoice	This institution was your:	1 = First choice 2 = Second choice 3 = Third choice 4 = Fourth choice 5 = Fifth choice or lower
<b>Question 30.</b>	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 <i>fygender</i> ).	Write-in response
<b>Question 31.</b>	fyinternat	Are you an international student or foreign national?	0 = No 1 = Yes

Item #	Variable name	Variable label	Values and labels
<b>Question 32. What is your racial or ethnic identification? (Select all that apply.)</b>			
32a.	re_amind	American Indian or Alaska Native	
32b.	re_asian	Asian	
32c.	re_black	Black or African American	
32d.	re_latino	Hispanic or Latino	0 = Not selected
32e.	re_pacific	Native Hawaiian or Other Pacific Islander	1 = Selected
32f.	re_white	White	
32g.	re_other	Other	
32f.	re_pnr	I prefer not to respond	
<hr/>			
<b>Question 33.</b>	fypardegr	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 = High school diploma/G.E.D. 3 = Attended college but did not complete degree 4 = Associate's degree (A.A., A.S., etc.) 5 = Bachelor's degree (B.A., B.S., etc.) 6 = Master's degree (M.A., M.S., etc.) 7 = Doctoral or professional degree (Ph.D., J.D., M.D., etc.)
<hr/>			
<b>Question 34.</b>	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

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Item #	Variable name	Variable label	Values and labels
<b>Question 35.</b>	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
<b>Question 36. Enter your first two initials and last name:</b>			
36a.	fi	First initial	
36b.	mi	Middle initial	Write-in response
36c.	lastname	Last name	
<b>BCSSE Scale scores are the mean of the component items after all individual item values have been converted to 0-60 point scales.</b>			
–	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	

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<i>Item #</i>	<i>Variable name</i>	<i>Variable label</i>	<i>Values and labels</i>
<b>MISCELLANEOUS INFORMATION</b>			
–	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

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 1. During the current school year, about how often have you done the following?</b>				
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
1f.	CLexplain	CL	Explained course material to one or more students	3 = Often
1g.	CLstudy	CL	Prepared for exams by discussing or working through course material with other students	4 = Very often
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
<b>Question 2. During the current school year, about how often have you done the following?</b>				
2a.	RIintegrate	RI	Combined ideas from different courses when completing assignments	
2b.	RI societal	RI	Connected your learning to societal problems or issues	
2c.	RI diverse	RI	Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	1 = Never
2d.	RI ownview	RI	Examined the strengths and weaknesses of your own views on a topic or issue	2 = Sometimes
2e.	RI perspective	RI	Tried to better understand someone else's views by imagining how an issue looks from their perspective	3 = Often
2f.	RI newview	RI	Learned something that changed the way you understand an issue or concept	4 = Very often
2g.	RI connect	RI	Connected ideas from your courses to your prior experiences and knowledge	



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

# NSSE 2017 Codebook

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Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>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.)</b>				
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 <i>wrshort</i> , <i>wrmed</i> , and <i>wrlong</i> using the midpoints of response ranges and an estimate for unbounded options	
<b>Question 8. During the current school year, about how often have you had discussions with people from the following groups?</b>				
8a.	DDrace	DD	People of a race or ethnicity other than your own	1 = Never 2 = Sometimes 3 = Often 4 = Very often
8b.	DDeconomic	DD	People from an economic background other than your own	
8c.	DDreligion	DD	People with religious beliefs other than your own	
8d.	DDpolitical	DD	People with political views other than your own	
<b>Question 9. During the current school year, about how often have you done the following?</b>				
9a.	LSreading	LS	Identified key information from reading assignments	1 = Never 2 = Sometimes 3 = Often 4 = Very often
9b.	LSnotes	LS	Reviewed your notes after class	
9c.	LSsummary	LS	Summarized what you learned in class or from course materials	
<b>Question 10.</b>	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

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 11. Which of the following have you done or do you plan to do before you graduate?</b>				
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.)	
<hr/>				
<b>Question 12.</b>	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
<hr/>				
–	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
<hr/>				
–	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

<i>Item #</i>	<i>Variable name</i>	<i>EI<sup>a</sup></i>	<i>Variable label</i>	<i>Values and labels</i>
<b>Question 13. Indicate the quality of your interactions with the following people at your institution.</b>				
13a.	QIstudent	QI	Students	1 = Poor
13b.	QIadvisor	QI	Academic advisors	2 = 2
13c.	QIfaculty	QI	Faculty	3 = 3
13d.	QIstaff	QI	Student services staff (career services, student activities, housing, etc.)	4 = 4
13e.	QIadmin	QI	Other administrative staff and offices (registrar, financial aid, etc.)	5 = 5
				6 = 6
				7 = Excellent
				9 = Not applicable (coded as missing)
<b>Question 14. How much does your institution emphasize the following?</b>				
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
14f.	SEwellness	SE	Providing support for your overall well-being (recreation, health care, counseling, etc.)	3 = Quite a bit
14g.	SEnonacad	SE	Helping you manage your non-academic responsibilities (work, family, etc.)	4 = Very much
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	

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 15. About how many hours do you spend in a typical 7-day week doing the following?</b>				
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 <i>on campus</i>	2 = 1-5
15d.	tmworkoff		Working for pay <i>off campus</i>	3 = 6-10
15e.	tmservice		Doing community service or volunteer work	4 = 11-15
15f.	tmrelax		Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	5 = 16-20
15g.	tmcare		Providing care for dependents (children, parents, etc.)	6 = 21-25
15h.	tmcommute		Commuting to campus (driving, walking, etc.)	7 = 26-30
–	tmprephrs		Estimated hours: <i>tmprep</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	8 = More than 30
–	tmcocurrhrs		Estimated hours: <i>tmcocurr</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	
–	tmworkonhrs		Estimated hrs: <i>tmworkon</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	0 = 0 hrs
–	tmworkoffhrs		Estimated hours: <i>tmworkoff</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	3 = 1-5 hrs
–	tmservicehrs		Estimated hours: <i>tmservice</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	8 = 6-10 hrs
–	tmrelaxhrs		Estimated hours: <i>tmrelax</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	13 = 11-15 hrs
–	tmcarehrs		Estimated hours: <i>tmcare</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	18 = 16-20 hrs
–	tmcommutehrs		Estimated hours: <i>tmcommute</i> recoded by NSSE using the midpoints of response ranges and an estimate for unbounded options.	23 = 21-25 hrs
–	tmworkhrs		Estimated number of hrs working for pay recoded and summed by NSSE from <i>tmworkonhrs</i> and <i>tmworkoffhrs</i> using the response range midpoints and an estimate for unbounded options.	28 = 26-30 hrs
				33 = More than 30 hrs

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 16.</b>	reading		Of the time you spend preparing for class in a typical 7-day week, about how much is on <i>assigned reading</i> ?	1 = Very little 2 = Some 3 = About half 4 = Most 5 = Almost all
–	tmreadinghrs		Estimated number of hours reading calculated by NSSE, multiplying <i>tmprephrs</i> by a proportion of <i>reading</i> (Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90).	
–	tmreadinghrscol		NSSE recode of <i>tmreadinghrs</i>	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
<b>Question 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>				
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
17f.	pgothers		Working effectively with others	3 = Quite a bit 4 = Very much
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	

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## U.S. Version

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 18.</b>	evalexp		How would you evaluate your entire educational experience at this institution?	1 = Poor 2 = Fair 3 = Good 4 = Excellent
<b>Question 19.</b>	sameinst		If you could start over again, would you go to the <i>same institution</i> you are now attending?	1 = Definitely no 2 = Probably no 3 = Probably yes 4 = Definitely yes
<b>Question 20.</b>				
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: <i>[Note: item was only given if respondent selected "One major" on item 20a.]</i>	Write-in response
	MAJsecond		Please enter up to two majors or expected majors (do not enter minors): <i>[Note: item was only given if respondent selected "More than one major" on item 20a.]</i>	Write-in response -9 = Survey did not include this question
20c.	MAJfirstcode		First or expected major (NSSE's code for MAJfirst) <i>[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]</i>	See page 24 for full list of major categories
	MAJsecondcode		Second major (NSSE's code for MAJsecond) <i>[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]</i>	

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## U.S. Version

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
20c.	Full list of NSSE's major categories for <i>MAJfirstcode</i> and <i>MAJsecondcode</i>			
	<b>Arts &amp; Humanities</b>		<b>Physical Science, Mathematics, &amp; Computer Science</b>	
	1 = Arts, fine and applied		32 = Physical sciences (general)	62 = Organizational leadership or behavior
	2 = Architecture		33 = Astronomy	63 = Supply chain and operations
	3 = Art history		34 = Atmospheric sciences (meteorology)	64 = Other business
	4 = English (language and literature)		35 = Chemistry	<b>Communications, Media, &amp; Public Relations</b>
	5 = French (language and literature)		36 = Computer science	65 = Communications (general)
	6 = Spanish (language and literature)		37 = Earth science (including geology)	66 = Broadcast communications
	7 = Other language and literature		38 = Mathematics	67 = Journalism
	8 = History		39 = Physics	68 = Mass communications and media studies
	9 = Humanities (general)		40 = Statistics	69 = Public relations and advertising
	10 = Music		41 = Other physical sciences	70 = Speech
	11 = Philosophy		<b>Social Sciences</b>	71 = Telecommunications
	12 = Religion		42 = Social sciences (general)	72 = Other communications
	13 = Theater or drama		43 = Anthropology	<b>Education</b>
	14 = Other fine and performing arts		44 = Economics	73 = Education (general)
	15 = Other humanities		45 = Ethnic studies	74 = Business education
	<b>Biological Science, Agriculture, &amp; Natural Resources</b>		46 = Gender studies	75 = Early childhood education
	16 = Biology (general)		47 = Geography	76 = Elementary, middle school education
	17 = Agriculture		48 = International relations	77 = Mathematics education
	18 = Biochemistry or biophysics		49 = Political science	78 = Music or art education
	19 = Biomedical science		50 = Psychology	79 = Physical education
	20 = Botany		51 = Sociology	80 = Secondary education
	21 = Cell and molecular biology		52 = Other social sciences	81 = Social studies education
	22 = Environmental science/studies		<b>Business</b>	82 = Special education
	23 = Marine science		53 = Accounting	83 = Other education
	24 = Microbiology or bacteriology		54 = Business administration	<b>Engineering</b>
	25 = Natural resources and conservation		55 = Entrepreneurial studies	84 = Engineering (general)
	26 = Natural science		56 = Finance	85 = Aero-, astronautical engineering
	27 = Neuroscience		57 = Hospitality and tourism	86 = Bioengineering
	28 = Physiology and developmental biology		58 = International business	87 = Biomedical engineering
	29 = Zoology		59 = Management	88 = Chemical engineering
	30 = Other agr. and natural resources		60 = Management information systems	89 = Civil engineering
	31 = Other biological sciences		61 = Marketing	<b>Social Service Professions</b>
				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
				<b>Health Professions</b>
				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
				121 = Public administration, policy
				122 = Public safety and emergency management
				123 = Social work
				124 = Urban planning
				<b>Other majors (not categorized)</b>
				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 = <i>Student did not receive this question (coded as missing; applicable for MAJsecondcode only)</i>



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Item #	Variable name	EI <sup>a</sup>	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. 24)	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. 24)	0 = Did not self-select 1 = Self-selected -9 = <i>Student did not receive this question (coded as missing)</i>
–	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 = <i>Student did not receive this question (coded as missing; applicable for MAJsecondcol only)</i>
–	MAJsecondcol		Recoded write-in major variable MAJsecond into one of eleven related-major categories	1 = Freshman/first-year 2 = Sophomore 3 = Junior 4 = Senior 5 = Unclassified
<b>Question 21.</b>	class		What is your class level?	0 = No 1 = Yes
<b>Question 22.</b>	fulltime		Thinking about this current academic term, are you a full-time student?	

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## U.S. Version

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 23.</b>				
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 <i>entirely online</i> ?	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
<b>Question 24.</b>	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
<b>Question 25.</b>	begincol		Did you begin college at this institution or elsewhere?	0 = Started here 1 = Started elsewhere

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## U.S. Version

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)</b> [Note: attend_none was disabled if respondent selected "Started elsewhere" on item 25.]				
26a.	attend_voc		Vocational or technical school	
26b.	attend_com		Community or junior college	
26c.	attend_col		4-year college or university other than this one	0 = Not selected 1 = Selected
26d.	attend_none		None	
26e.	attend_other		Other	
<hr/>				
<b>Question 27.</b>	edaspire		What is the highest level of education you ever expect to complete?	1 = Some college but less than a bachelor's degree 2 = Bachelor's degree (B.A., B.S., etc.) 3 = Master's degree (M.A., M.S., etc.) 4 = Doctoral or professional degree (Ph.D., J.D., M.D., etc.)
<hr/>				
<b>Question 28.</b>	parented		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 = High school diploma/G.E.D. 3 = Attended college but did not complete degree 4 = Associate's degree (A.A., A.S., etc.) 5 = Bachelor's degree (B.A., B.S., etc.) 6 = Master's degree (M.A., M.S., etc.) 7 = Doctoral or professional degree (Ph.D., J.D., M.D., etc.)
<hr/>				
<b>Question 29.</b>	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

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Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 30.</b>	birthyear		Enter your year of birth (e.g., 1994):	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
<b>Question 31.</b>				
31a.	internat		Are you an international student?	0 = No 1 = Yes
31b.	country		What is your country of citizenship? <i>[Note: item was only given if respondent selected 'Yes' to item 31a]</i>	See separate file
–	countrycol		NSSE recode of country into eight categories	1 = Africa Sub-Saharan 2 = Asia 3 = Canada 4 = Europe 5 = Latin America and Caribbean 6 = Middle East and North Africa 7 = Oceania 8 = Unknown region/uncoded -9 = Student did not receive this question

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Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 32. What is your racial or ethnic identification? (Select all that apply.)</b>				
32a.	re_amind		American Indian or Alaska Native	
32b.	re_asian		Asian	
32c.	re_black		Black or African American	
32d.	re_latino		Hispanic or Latino	0 = Not selected
32e.	re_pacific		Native Hawaiian or Other Pacific Islander	1 = Selected
32f.	re_white		White	
32g.	re_other		Other	
32f.	re_pnr		I prefer not to respond	
–	re_all		Racial/ethnic background based on re_amind through re_pnr where each student is represented only once. One through seven represent students who selected only one racial/ethnic identification; eight represents students who selected more than one racial/ethnic identification.	1 = American Indian or Alaska Native 2 = Asian 3 = Black or African American 4 = Hispanic or Latino 5 = Native Hawaiian or Other Pacific Islander 6 = White 7 = Other 8 = Multiracial 9 = I prefer not to respond

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## U.S. Version

Item #	Variable name	EI <sup>a</sup>	Variable label	Values and labels
<b>Question 33.</b>	greek		Are you a member of a social fraternity or sorority?	0 = No 1 = Yes
<b>Question 34.</b>	living		Which of the following best describes where you are living while attending college?	1 = Residence hall, dormitory, or other campus housing (not fraternity or sorority house) 2 = Fraternity or sorority house 3 = Residence (house, apartment, etc.) <i>within walking distance</i> to the institution 4 = Residence (house, apartment, etc.) <i>farther than walking distance</i> to the institution 5 = None of the above
<b>Question 35.</b>	athlete		Are you a student-athlete on a team sponsored by your institution's athletics department?	0 = No 1 = Yes
<b>Question 36.</b>	veteran		Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	0 = No 1 = Yes
<b>Question 37.</b>				
37a.	disability		Have you been diagnosed with any disability or impairment?	0 = No 1 = Yes 9 = I prefer not to respond
37b.	<b>Which of the following have been diagnosed? (Select all that apply.)</b> <i>[Note: item was only given if respondent selected "Yes" on item 37a.]</i>			
	dis_sense		A sensory impairment (vision or hearing)	
	dis_mobility		A mobility impairment	0 = Not selected 1 = Selected
	dis_learning		A learning disability (e.g., ADHD, dyslexia)	-9 = <i>Student did not receive this question (coded as missing)</i>
	dis_mental		A mental health disorder	
	dis_other		A disability or impairment not listed above	

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<i>Item #</i>	<i>Variable name</i>	<i>EI<sup>a</sup></i>	<i>Variable label</i>	<i>Values and labels</i>
–	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
<b>Question 38.</b>	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

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<i>Item #</i>	<i>Variable name</i>	<i>EI<sup>a</sup></i>	<i>Variable label</i>	<i>Values and labels</i>
<b>Data Provided by Your Institution</b>				
–	IRsex		Institution-reported: Sex	0 = Female 1 = Male
–	IRrace		Institution-reported: Race or ethnicity	1 = American Indian or Alaska Native 2 = Asian 3 = Black or African American 4 = Hispanic or Latino 5 = Native Hawaiian or Other Pacific Islander 6 = White 7 = Other 8 = Foreign or nonresident alien 9 = Two or more races/ethnicities 10 = Unknown
–	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
–	actcomp		Institution-reported: Composite ACT score	
–	satm		Institution-reported: SAT math score	
–	satv		Institution-reported: SAT verbal or critical reading score	
–	satw		Institution-reported: SAT writing score (if newer form of SAT taken)	
–	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	



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<i>Item #</i>	<i>Variable name</i>	<i>EI<sup>a</sup></i>	<i>Variable label</i>	<i>Values and labels</i>
<b>Data Related to Survey Administration</b>				
–	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
–	logdate		Date survey returned (paper) or logged in (web)	

<i>Item #</i>	<i>Variable name</i>	<i>EI<sup>a</sup></i>	<i>Variable label</i>	<i>Values and labels</i>
<b>Weights</b>				
<p>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 <a href="http://nsse.indiana.edu/html/weighting.cfm">http://nsse.indiana.edu/html/weighting.cfm</a>.</p>				
–	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.	

### 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](http://nsse.indiana.edu/html/engagementIndicators.cfm)

<i>Variable name</i>	<i>Description</i>	<i>Items</i>
<b>HO</b>	<b>Higher-Order Learning:</b> 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.	<b>Items 4b-e:</b> HOapply, HOanalyze, HOevaluate, HOform
<b>RI</b>	<b>Reflective &amp; Integrative Learning:</b> 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.	<b>Items 2a-g:</b> RIntegrate, RSocietal, RIdiverse, Rlownview, RIperspect, RInewview, RIconnect
<b>LS</b>	<b>Learning Strategies:</b> How often students enacted basic strategies for academic success, such as identifying key information in readings, reviewing notes after class, and summarizing course material.	<b>Items 9a-c:</b> LSreading, LSnotes, LSsummary
<b>QR</b>	<b>Quantitative Reasoning:</b> 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.	<b>Items 6a-c:</b> QRconclude, QRproblem, QRevaluate
<b>CL</b>	<b>Collaborative Learning:</b> 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.	<b>Items 1e-h:</b> CLaskhelp, CLexplain, CLstudy, CLproject
<b>DD</b>	<b>Discussions with Diverse Others:</b> How often students had discussions with people who differ from themselves in terms of race or ethnicity, economic background, religious belief, or political views.	<b>Items 8a-d:</b> DDrace, DDeconomic, DDreligion, DDpolitical
<b>SF</b>	<b>Student-Faculty Interaction:</b> 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.	<b>Items 3a-d:</b> SFcareer, SFotherwork, SFdiscuss, SFperform
<b>ET</b>	<b>Effective Teaching Practices:</b> Amount instructors emphasized student comprehension and learning with clear explanations and organization, use of illustrative examples, and providing formative and effective feedback.	<b>Items 5a-e:</b> ETgoals, ETorganize, ETexample, ETdraftfb, ETfeedback
<b>QI</b>	<b>Quality of Interactions:</b> How students rated their interactions with important people in their learning environment, including other students, advisors, faculty, student services, and other administrative staff members.	<b>Items 13a-e:</b> QIstudent, QIadvisor, QIfaculty, QIstaff, QIadmin
<b>SE</b>	<b>Supportive Environment:</b> 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.	<b>Items 14b-i:</b> SEacademic, SElearnsup, SEdiverse, SESocial, SEwellness, SENonacad, SEactivities, SEevents