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**NSSE 2024 Data Codebooks**

**Core U.S. Survey**

This codebook is divided into six sections: (a) NSSE Core (the main survey questions), (b) Engagement Indicators (scale values derived from sets of items), (c) Survey Weights (values used adjust the proportional responses to population parameters), (d) Data Provided by Your Institution (variables used for weights and other institutional records), (e) Data Related to Survey Administration (metadata related to survey procedures), and (f) Appendix (major field and country code lists).

Survey questions are listed in the order that students received them. Response options appear in italics beneath. Variable names appear in brackets (e.g., [askquest]) after each item. Items that are recoded (e.g., reversed response values) or derived (new computed values such as age category or total number of written pages) from original question(s) are shaded and prefaced by a bracket and the word "RECODED" or "DERIVED."   
  
NSSE codebooks correspond to the final data we deliver in the summer and contain information on variables (EIs, recodes, derived variables, etc.) not included in the raw data files available for download in the spring. Like NSSE data, codebooks are subject to revision until the Institutional Report is delivered in August.

# 1. During the current school year, about how often have you done the following?

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

a. Asked questions or contributed to course discussions in other ways [askquest]

b. Asked another student to help you understand course material [CLaskhelp]

c. Explained course material to one or more students [CLexplain]

d. Prepared for exams by discussing or working through course material with other students [CLstudy]

e. Worked with other students on course projects or assignments [CLproject]

f. Given a course presentation [present]

# 2. During the current school year, about how often have you done the following?

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

a. Combined ideas from different courses when completing assignments [RIintegrate]

b. Connected your learning to societal problems or issues [RIsocietal]

c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments [RIdiverse]

d. Examined the strengths and weaknesses of your own views on a topic or issue [RIownview]

e. Tried to better understand someone else's views by imagining how an issue looks from their perspective [RIperspect]

f. Learned something that changed the way you understand an issue or concept [RInewview]

g. Connected ideas from your courses to your prior experiences and knowledge [RIconnect]

# 3. During the current school year, about how often have you done the following?

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

a. Talked about career plans with a faculty member [SFcareer]

b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.) [SFotherwork]

c. Discussed course topics, ideas, or concepts with a faculty member outside of class [SFdiscuss]

d. Discussed your academic performance with a faculty member [SFperform]

# 4. During the current school year, how much has your coursework emphasized the following?

Response options: Very much=4, Quite a bit=3, Some=2, Very little=1

a. Memorizing course material [memorize]

b. Applying facts, theories, or methods to practical problems or new situations [HOapply]

c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts [HOanalyze]

d. Evaluating a point of view, decision, or information source [HOevaluate]

e. Forming a new idea or understanding from various pieces of information [HOform]

# 5. During the current school year, to what extent have your instructors done the following?

Response options: Very much=4, Quite a bit=3, Some=2, Very little=1

a. Clearly explained course goals and requirements [ETgoals]

b. Taught course sessions in an organized way [ETorganize]

c. Used examples or illustrations to explain difficult points [ETexample]

d. Provided feedback on a draft or work in progress [ETdraftfb]

e. Provided prompt and detailed feedback on tests or completed assignments [ETfeedback]

f. Explained in advance the criteria for successfully completing your assignments [etcriteria]

g. Reviewed and summarized key ideas or concepts [etreview]

h. Taught in a way that aligns with how you prefer to learn [etprefer]

i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities [etdemonstrate]

# 6. During the current school year, about how often have you done the following?

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

a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.) [QRconclude]

b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) [QRproblem]

c. Evaluated what others have concluded from numerical information [QRevaluate]

# 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.)

Response options: None=1, 1-2=2, 3-5=3, 6-10=4, 11-15=5, 16-20=6, More than 20 papers=7

a. Up to 5 pages [wrshort]

b. Between 6 and 10 pages [wrmed]

c. 11 pages or more [wrlong]

[RECODED] The following items were recoded from items 7a to 7c using the midpoints of response ranges and an estimate for the unbounded option. Recoded values represent the number of papers, reports, or other writing tasks:

Values: None=0.0, 1-2=1.5, 3-5=4.0, 6-10=8.0, 11-15=13.0, 16-20=18.0, More than 20 papers=23.0

- Up to 5 pages [wrshortnum]

- Between 6 and 10 pages [wrmednum]

- 11 pages or more [wrlongnum]

[DERIVED] 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 [wrpages]

# 8. During the current school year, about how often have you had discussions with people from the following groups?

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

a. People of races or ethnicities other than your own [DDrace]

b. People from economic backgrounds other than your own [DDeconomic]

c. People with religious beliefs other than your own [DDreligion]

d. People with political views other than your own [DDpolitical]

e. People with sexual orientations other than your own [ddsexorient]

f. People from countries other than your own [ddcountry]

# 9. During the current school year, about how often have you done the following?

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

a. Identified key information from reading assignments [LSreading]

b. Reviewed your notes after class [LSnotes]

c. Summarized what you learned in class or from course materials [LSsummary]

# 10. During the current school year, to what extent have your courses challenged you to do your best work? [challenge]

Response options: Not at all=1 to Very much=7

# 11. Which of the following have you done while in college or do you plan to do before you graduate?

Response options: Done or in progress=4, Plan to do=3, Do not plan to do=2, Have not decided=1

a. Participate in an internship, co-op, field experience, student teaching, or clinical placement [intern]

b. Hold a formal leadership role in a student organization or group [leader]

c. Participate in a learning community or some other formal program where groups of students take two or more classes together [learncom]

d. Participate in a study abroad program [abroad]

e. Work with a faculty member on a research project [research]

f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.) [capstone]

# 12. About how many of your courses at this institution have included a community-based project (service-learning)? [servcourse]

Response options: All=4, Most=3, Some=2, None=1

[DERIVED] Sum of high-impact practices for first-year students marked 'Done or in progress' for learncom or research or 'All, Most, or Some' for servcourse [HIPsumFY]

[DERIVED] Sum of high-impact practices for seniors marked 'Done or in progress' for learncom, research, intern, abroad, or capstone, or 'All, Most, or Some' for servcourse [HIPsumSR]

# 13. Indicate the quality of your interactions with the following people at your institution.

Response options: Poor=1 to Excellent=7, Not applicable (coded as missing)=9

a. Students [QIstudent]

b. Academic advisors [QIadvisor]

c. Faculty [QIfaculty]

d. Student services staff (career services, student activities, housing, etc.) [QIstaff]

e. Other administrative staff and offices (registrar, financial aid, etc.) [QIadmin]

[RECODED] To accommodate SAS users, recodes of question 13 are included in the data file to include "Not applicable" as a valid response.

Values: Poor=1 to Excellent=7, Not Applicable=9

- Students [QIstudentR]

- Academic advisors [QIadvisorR]

- Faculty [QIfacultyR]

- Student services staff (career services, student activities, housing, etc.) [QIstaffR]

- Other administrative staff and offices (registrar, financial aid, etc.) [QIadminR]

# 14. How much does your institution emphasize the following?

Response options: Very much=4, Quite a bit=3, Some=2, Very little=1

a. Spending significant amounts of time studying and on academic work [empstudy]

b. Providing support to help students succeed academically [SEacademic]

c. Using learning support services (tutoring services, writing center, etc.) [SElearnsup]

d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.) [SEdiverse]

e. Providing opportunities to be involved socially [SEsocial]

f. Providing support for your overall well-being (recreation, health care, counseling, etc.) [SEwellness]

g. Helping you manage your non-academic responsibilities (work, family, etc.) [SEnonacad]

h. Attending campus activities and events (performing arts, athletic events, etc.) [SEactivities]

i. Attending events that address important social, economic, or political issues [SEevents]

# 15. To what extent do you agree or disagree with the following statements?

Response options: Strongly disagree=1, Disagree=2, Agree=3, Strongly agree=4

a. I feel comfortable being myself at this institution. [SBmyself]

b. I feel valued by this institution. [SBvalued]

c. I feel like part of the community at this institution. [SBcommunity]

**16. About how many hours do you spend in a typical 7-day week doing the following?**

Response options: 0=1, 1-5=2, 6-10=3, 11-15=4, 16-20=5, 21-25=6, 26-30=7, More than 30 (Hours per week)=8

a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) [tmprep]

b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) [tmcocurr]

c. Working for pay **on campus** [tmworkon]

d. Working for pay **off campus** [tmworkoff]

e. Doing community service or volunteer work [tmservice]

f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) [tmrelax]

g. Providing care for dependents (children, parents, etc.) [tmcare]

h. Commuting to campus (driving, walking, etc.) [tmcommute]

[RECODED] Items 16a to 16h were recoded using the midpoints of response ranges and an estimate for the unbounded option. Recoded values represent the number of hours per week.

Values: 0 hrs=0, 1-5 hrs=3, 6-10 hrs=8, 11-15 hrs=13, 16-20 hrs=18, 21-25 hrs=23, 26-30 hrs=28, More than 30 hrs=33

- Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) [tmprephrs]

- Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) [tmcocurrhrs]

- Working for pay on campus [tmworkonhrs]

- Working for pay off campus [tmworkoffhrs]

- Doing community service or volunteer work [tmservicehrs]

- Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) [tmrelaxhrs]

- Providing care for dependents (children, parents, etc.) [tmcarehrs]

- Commuting to campus (driving, walking, etc.) [tmcommutehrs]

[DERIVED] 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 [tmworkhrs]

# 17. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading*? [reading]

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

[DERIVED] Estimated number of hours reading calculated by multiplying tmprephrs by a proportion of reading (Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90) [tmreadinghrs]

[RECODED] Collapsed recode of tmreadinghrs [tmreadinghrscol]

Values: 0 hrs=1; More than zero, up to 5 hrs=2; More than 5, up to 10 hrs=3; More than 10, up to 15 hrs=4; More than 15, up to 20 hrs=5; More than 20, up to 25 hrs=6; More than 25 hrs=7

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

Response options: Very much=4, Quite a bit=3, Some=2, Very little=1

a. Writing clearly and effectively [pgwrite]

b. Speaking clearly and effectively [pgspeak]

c. Thinking critically and analytically [pgthink]

d. Analyzing numerical and statistical information [pganalyze]

e. Acquiring job- or work-related knowledge and skills [pgwork]

f. Working effectively with others [pgothers]

g. Developing or clarifying a personal code of values and ethics [pgvalues]

h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.) [pgdiverse]

i. Solving complex real-world problems [pgprobsolve]

j. Being an informed and active citizen [pgcitizen]

# 19. How would you evaluate your entire educational experience at this institution? [evalexp]

Response options: Excellent=4, Good=3, Fair=2, Poor=1

# 20. If you could start over again, would you go to the *same institution* you are now attending? [sameinst]

Response options: Definitely yes=4, Probably yes=3, Probably no=2, Definitely no=1

# 21. Do you intend to return to this institution next year? [returnexp]

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

Note: Only non-seniors receive this question.

# 22a. How many majors do you plan to complete? (Do not count minors.) [MAJnum]

Response options: One=1, More than one=2

# 22b. Please enter your major or expected major:

# - Major [MAJfirst]

Response options: Text box plus drop-down list of majors (see Appendix A) from NSSE’s lookup table.

- OR -

# Please enter up to two majors or expected majors (do not enter minors):

# - Major [MAJfirst]

Response options: Text box plus drop-down list of majors (see Appendix A) from NSSE’s lookup table.

# - Second Major [MAJsecond]

Response options: Text box plus drop-down list of majors (see Appendix A) from NSSE’s lookup table.

Note: Item wording and second major depend on the respondent’s selection on item 22a.

[RECODED] Flag for students who self-selected their major (or first major) from the full list (see Appendix A) [MAJFself]

Values: Did not self-select=0, Self-selected=1

[RECODED] Flag for students who self-selected their second major from the full list (see Appendix A) [MAJSself]

Values: Did not self-select=0, Self-selected=1, Student did not receive question (coded as missing)=-9

[RECODED] Recoded MAJfirst and MAJsecond into one of eleven related-major categories [MAJfirstcol, MAJsecondcol]

Values: Arts and Humanities=1; Biological Sciences, Agriculture, and Natural Resources=2; Physical Sciences, Mathematics, and Computer Science=3; Social Sciences=4; Business=5; Communications, Media, and Public Relations=6; Education=7; Engineering=8; Health Professions=9; Social Service Professions=10; All other=11; Undecided, undeclared=999; Student did not receive this question (coded as missing; applicable for MAJsecondcol only)=-9 (See the list of NSSE major categories and majors in Appendix A)

# 23. What is your class level? [class]

Response options: First year=1, Sophomore=2, Junior=3, Senior=4, Unclassified=5

# 24. What type of courses have you taken at this institution this current school year? [coursetype]

Response options: Mostly in-person courses=1, Mostly remote courses (online, web-based, Zoom, etc.)=2, Mostly hybrid or blended courses that combine in-person and remote instruction=3, A balanced mix of the above course types=4

# 25. What have most of your grades been up to now at this institution? [grades]

Response options: A=8, A-=7, B+=6, B=5, B-=4, C+=3, C=2, C- or lower=1

# 26. Did you begin college at this institution or elsewhere? [begincol]

Response options: Started here=0, Started elsewhere=1

# 27. 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.)

Response options: Selected=1, Not selected=0

* Vocational or technical school [attend\_voc]
* Community or junior college [attend\_com]
* 4-year college or university other than this one [attend\_col]
* None [attend\_none]
* Other [attend\_other]

Note: The item attend\_none was disabled if respondent selected ‘Started elsewhere’ on item 26

# 28. What is the highest level of education you ever expect to complete? [edaspire]

Response options: Some college but less than a bachelor’s degree=1, Bachelor’s degree (B.A., B.S., etc.)=2, Master’s degree (M.A., M.S., etc.)=3, Doctoral or professional degree (Ph.D., J.D., M.D., etc.)=4

# 29. What is the highest level of education completed by either of your parents, guardian(s), or those who raised you)? [parented23]

Response options: Did not finish high school=1, High school diploma or G.E.D.=2, Attended college but did not complete degree=3, Associate’s degree (A.A., A.S., etc.)=4, Bachelor’s degree (B.A., B.S., etc.)=5, Master’s degree (M.A., M.S., etc.)=6, Doctoral or professional degree (Ph.D., J.D., M.D., etc.)=7, I prefer not to respond=8

[RECODED] First-generation status (neither parent or anyone who raised you holds a bachelor's degree) [firstgen]

Values: Not first-generation=0, First-generation=1

# 30. How would you describe your gender identity? (Select all that apply.)

Response options: Selected=1, Not selected=0

* Woman [gi\_woman]
* Man [gi\_man]
* Trans/Transgender [gi\_trans]
* Agender or gender neutral [gi\_agender]
* Demigender [gi\_demi]
* Genderqueer, non-binary, gender non-conforming, or genderfluid [gi\_gqueer]
* Two-spirit [gi\_twospirit]
* Cis/Cisgender [gi\_cis]
* Questioning or unsure [gi\_unsure]
* Another gender identity, please specify: [gi\_another] [gi\_another\_txt]
* I prefer not to respond [gi\_pnr]

# 31. How would you describe your sexual orientation? (Select all that apply.)

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

* Straight or heterosexual [so\_straight]
* Bisexual [so\_bisexual]
* Lesbian [so\_lesbian]
* Gay [so\_gay]
* Queer [so\_queer]
* Pansexual or polysexual [so\_pan]
* Ace, gray, or asexual [so\_ace]
* Demisexual [so\_demi]
* Questioning or unsure [so\_unsure]
* Another sexual orientation, please specify: [so\_another] [so\_another\_txt]
* I prefer not to respond [so\_pnr]

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

Response options: Selected=1, Not selected=0

* Asian [re\_asian]
* Black or African American [re\_black]
* Hispanic, Latina/o, Latine, or Latinx [re\_latine]
* Indigenous, American Indian, Native American, or Alaska Native [re\_indig]
* Middle Eastern or North African [re\_mena]
* Native Hawaiian or Pacific Islander [re\_pacific]
* White [re\_white]
* Another race or ethnicity [re\_another]
* I prefer not to respond [re\_pnr]

[RECODED] Racial/ethnic background (based on re\_amind through re\_pnr where each student is represented only once). Values 1 through 8 represent students who selected only one racial/ethnic identification; Value 9 represents students who selected more than one racial/ethnic identification. [re\_all23]

Values: Asian=1, Black or African American=2, Hispanic, Latina/o, Latine, or Latinx=3, Indigenous, American Indian, Native American, or Alaska Native=4, Middle Eastern or North African=5, Native Hawaiian or Pacific Islander=6, White=7, Another race or ethnicity=8, Multiple races/ethnicities selected=9, I prefer not to respond=10

# 33a. Are you an international student? [internat]

Response options: Yes=1, No=0

# 33b. What is your country of citizenship? [country22]

Response option: Text box with pull-down country list

Note: See Appendix B for list of country codes and categories.

[RECODED] NSSE recode of country into eight categories [countrycol22]

Values: Africa Sub-Saharan=1, Asia=2, Canada=3, Europe=4, Latin America and Caribbean=5, Middle East and North Africa=6, Oceania=7, Unknown region/uncoded=8, Student did not receive this question=-9

# 33c. What is the 5-digit ZIP code of your home address during your last year of high school? [zipcode]

Response option: [#####]

# 34a. Do you have a disability or condition that impacts your learning, working, or living activities? [disability21]

Response options: Yes=1, No=0, I prefer not to respond=9

# 34b. Which of the following impacts your learning, working, or living activities? (Select all that apply.)

Response options: Selected=1, Not selected=0

**Sensory disability**

* Blind or low vision [dis\_vision]
* Deaf or hard of hearing [dis\_hearing]

**Physical disability**

* Mobility condition that affects walking [dis\_walking]
* Mobility condition that does not affect walking [dis\_nonwalking]
* Speech or communication disorder [dis\_speech]
* Traumatic or acquired brain injury (TBI) [dis\_brain]

**Mental health or developmental disability**

* Anxiety [dis\_anxiety]
* Attention deficit or hyperactivity disorder (ADD or ADHD) [dis\_adhd]
* Autism spectrum [dis\_autism]
* Depression [dis\_depress]
* Post-Traumatic Stress Disorder (PTSD) [dis\_ptsd]
* Another mental health or developmental disability (schizophrenia, eating disorder, etc.) [dis\_othmental]

**Another disability or condition**

* Chronic medical condition (asthma, diabetes, Crohn’s disease, etc.) [dis\_chronic]
* Learning disability [dis\_learning]
* Intellectual disability [dis\_intellect]
* Disability or condition not listed [dis\_notlisted]

Note: Items were only given if the respondent selected ‘Yes’ to item 34a

[RECODED] Recoded disability21 and dis\_vision through dis\_notlisted into one of seven broad disability-related categories where each student is represented only once [disability\_all22cat]

Values: Sensory disability(ies)=1; Physical disability(ies)=2; Mental health or developmental disability(ies)=3; Another disability(ies) or condition(s)=4; Multiple disability or condition categories=5; No disability or condition=6; I prefer not to respond=7

# 

# 35. Of which of the following types of Greek letter social or service organizations are you a member? (Select all that apply.)

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

* None, I am not a member of a Greek letter social or service organization [gr\_none]
* Independent Greek Council (IGC) [gr\_ICG]
* Interfraternity Conference (IFC, NIC) [gr\_IFC]
* National Panhellenic Conference (NPC) [gr\_NPC]
* National Pan-Hellenic Council (NPHC, The Divine 9) [gr\_NPHC]
* United Greek Council (UGC) or Multicultural Greek Councils (NMGC, NALFO, NAPA) [gr\_UGC]
* Another Greek letter social or service organization, please specify: [gr\_another] [gr\_another\_txt]

[RECODED] Greek letter organization (based on gr\_IFC through gr\_none where each student is represented only once). Value 1 represents students who were not a member of a Greek letter organization; Values 2 through 7 represent students who selected only one type of Greek letter organization; Value 8 represents students who selected more than one type of Greek letter organization. [gr\_all]

Values: None, I am not a member of a Greek letter organization=1, Independent Greek Council (IGC)=2, Interfraternity Conference (IFC)=3, National Panhellenic Conference (NPC)=4, National Pan-Hellenic Council (NPHC, The Divine 9)=5, United Greek Council (UGC) or Multicultural Greek Councils (NMGC, NALFO, NAPA)=6, Another Greek letter organization, please specify=7, Multiple Greek letter organizations=8

# 36. Which of the following best describes where you are living while attending college? [living18]

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

# 37. Are you a student-athlete on a team sponsored by your institution’s athletics department? [athlete]

Response options: Yes=1, No=0

# 38. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard? [veteran]

Response options: Yes=1, No=0

# 39. Prompt for open-ended comments (Institutions select one of the following for the end of the NSSE questionnaire or customize their own question.)

Response option: Text boxes with a 5,000 character limit

--If you have any additional comments or feedback that you’d like to share on the quality of your educational experience, please enter them below [finalcom\_txt];   
--What has been most satisfying about your experience so far at this institution? [finalsatis\_txt] What has been most disappointing? [finaldis\_txt];   
--Please describe the most significant learning experience you have had so far at this institution. [finalsig\_txt];   
--What one change would most improve the educational experience at this institution [finalimp\_txt]? What one thing should not be changed? [finalnochange\_txt]

--Comment prompt customized by school [finalcust\_txt]

[DERIVED] Respondent entered a comment to the final prompt or any other open-ended items [FinalComment]

Respondent wrote in a comment for selected item(s): [finalcomComment] [finaldisComment] [finalsatisComment] [finalsigComment] [finalimpComment] [finalnochangeComment] [finalcustComment]

Values: Did not comment=0, Did leave a comment=1

Note: Item(s) found in the Student Comments data file

Engagement Indicators

Engagement Indicators are sets of items that have been grouped into ten key dimensions of student engagement, organized within four themes. 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 website at <https://nsse.indiana.edu/nsse/survey-instruments/engagement-indicators.html>

# Higher-Order Learning [HO]

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

# Reflective & Integrative Learning [RI]

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

# Learning Strategies [LS]

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

# Quantitative Reasoning [QR]

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

# Collaborative Learning [CL]

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

# Discussions with Diverse Others [DD]

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

# Student-Faculty Interaction [SF]

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

# Effective Teaching Practices [ET]

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

# Quality of Interactions [QI]

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

# Supportive Environment [SE]

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

Survey Weights

NSSE creates weights for randomly selected and census-administered first-year and senior respondents based on institution-reported enrollment status (part-time/full-time) 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 <https://nsse.indiana.edu/nsse/reports-data/weighting.html>

# Weight 1 [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.

# Weight 2 [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.

Data Provided by Your Institution

# Institution-reported: Sex [IRsex19]

Values: Female=0, Male=1, Another=2, Unknown=9

# Institution-reported: Race or ethnicity [IRrace]

Values: American Indian or Alaska Native=1, Asian=2, Black or African American=3, Hispanic or Latina/o=4, Native Hawaiian or Other Pacific Islander=5, White=6, Other=7, Foreign or nonresident=8, Two or more races/ethnicities=9, Unknown=10

# Institution-reported: class [IRclass]

Values: Freshman (1st year)=1, Sophomore (2nd year)=2, Junior (3rd year)=3, Senior (4th year), Other=5

# Institution-reported: Enrollment status [IRenrollment]

Values: Not full-time=0, Full-time=1

# Institution-reported: Sample for reporting [IRreportme]

Values: Excluded from reports=0, Included in reports=1

# Institution-reported: Birth year [IRbirthyear]

[RECODED] Age recoded from IRbirthyear [IRage]

[RECODED] Age category [IRagecol]

Values: 19 or younger=1, 20-23=2, 24-29=3, 30-39=4, 40-55=5, Over 55=6

# Institution-reported: Student ID [studentID]

# Institution-reported: Composite ACT score [actcomp]

# Institution-reported: SAT math score [satm]

# Institution-reported: SAT verbal or critical reading score [satv]

# Institution-reported: SAT writing score (if newer form of SAT taken) [satw]

# Institution-reported: SAT math score (new) [rSATm]

# Institution-reported: SAT writing score (new) [rSATewr]

# Group 1: First school-provided group identifier [group1]

# Group 2: Second school-provided group identifier [group2]

# Group 3: Third school-provided group identifier [group3]

# Group 4: Fourth school-provided group identifier [group4]

# Group 5: Fifth school-provided group identifier [group5]

Data Related to Survey Administration

# Sample type [sample]

Values: Census=1, Random sample=2, Requested random oversample (FY/SR only)=3, Targeted oversample=4, Locally administered sample or oversample=5, Experimental oversample=6, Submitted in error=7

# Institution unit ID (IPEDS or ESIS) [unitid]

Values: IPEDS or ESIS designated ID number

# Survey ID: Unique survey number assigned by NSSE [surveyID]

Values: Census=1, Random sample=2, Requested random oversample (FY/SR only)=3, Targeted oversample=4, Locally administered sample or oversample=5, Experimental oversample=6, Submitted in error=7

# BCSSE Survey ID: Identifies respondents who also completed BCSSE (BCSSE survey ID) [bsurvid]

# NSSE Eligibility: Identifies respondents that met NSSE criteria at time of survey completion [eligible]

Values: No=0, Yes=1

# Device with which respondent answered survey [mobiledevice]

Values: Desktop device=0, Mobile device=1, Combination desktop and mobile completion=2

# Operating system with which respondent began survey [os\_firstLogin]

# Operating system with which respondent finished survey [os\_lastLogin]

# Browser with which respondent began survey [browser\_firstLogin]

# Browser with which respondent finished survey [browser\_lastLogin]

# Respondent's first login to survey was via the LMS link [lms\_consent]

Values: No=0, Yes=1

# Respondent finished survey via LMS link [lms\_complete]

Values: No=0, Yes=1

# Date survey returned (paper) or logged in (web) [logdate]

# Summation of every page submit in minutes [duration]

Appendix A: 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 (including cyber security)

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 management

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

*-9 = Student did not receive this question (coded as missing; applicable for MAJsecondcode only)*

Appendix B: Alphabetic Country of Citizenship List

1 = Afghanistan

2 = Akrotiri

3 = Albania

4 = Algeria

5 = Andorra

6 = Angola

7 = Anguilla

8 = Antigua & Barbuda

9 = Argentina

10 = Armenia

11 = Aruba

12 = Ashmore & Cartier Islands

13 = Australia

14 = Austria

15 = Azerbaijan

16 = Bahamas

17 = Bahrain

18 = Bangladesh

19 = Barbados

20 = Bassas Da India

21 = Belarus

22 = Belgium

23 = Belize

24 = Benin

25 = Bermuda

26 = Bhutan

27 = Bolivia

28 = Bosnia & Herzegovina

29 = Botswana

30 = Bouvet Island

31 = Brazil

32 = British Indian Ocean Territory

33 = British Virgin Islands

34 = Brunei

35 = Bulgaria

36 = Burkina Faso

37 = Burma

38 = Burundi

39 = Cambodia

40 = Cameroon

41 = Canada

42 = Cape Verde

43 = Cayman Islands

44 = Central African Republic

45 = Chad

46 = Chile

47 = China

48 = Christmas Island

49 = Clipperton Island

50 = Cocos (Keeling) Islands

51 = Colombia

52 = Comoros

53 = Congo (Brazzaville)

54 = Congo (Kinshasa)

55 = Cook Islands

56 = Coral Sea Islands

57 = Costa Rica

58 = Côte D'Ivoire

59 = Croatia

60 = Cuba

61 = Curacao

62 = Cyprus

63 = Czech Republic

64 = Denmark

65 = Dhekelia

66 = Djibouti

67 = Dominica

68 = Dominican Republic

69 = Ecuador

70 = Egypt

71 = El Salvador

72 = Equatorial Guinea

73 = Eritrea

74 = Estonia

75 = Ethiopia

76 = Etorofu, Hamomai, Kunashiri, & Shikotan Islands

77 = Europa Island

78 = Falkland Islands (Islas Malvinas)

79 = Faroe Islands

80 = Fiji

81 = Finland

82 = France

83 = French Guiana

84 = French Polynesia

85 = French Southern & Antarctic Lands

86 = Gabon

88 = Gaza Strip

89 = Georgia

90 = Germany

91 = Ghana

92 = Gibraltar

93 = Glorioso Islands

94 = Greece

95 = Greenland

96 = Grenada

97 = Guadeloupe

98 = Guatemala

99 = Guernsey

100 = Guinea

101 = Guinea-Bissau

102 = Guyana

103 = Haiti

104 = Heard & McDonald Islands

105 = Honduras

106 = Hong Kong

107 = Hungary

108 = Iceland

109 = India

110 = Indonesia

111 = Iran

112 = Iraq

113 = Ireland

114 = Isle of Man

115 = Israel

116 = Italy

117 = Jamaica

118 = Jan Mayen

119 = Japan

120 = Jersey

121 = Jordan

122 = Juan De Nova Island

123 = Kazakhstan

124 = Kenya

125 = Kiribati

126 = Kosovo

127 = Kuwait

128 = Kyrgyzstan

129 = Laos

130 = Latvia

131 = Lebanon

132 = Lesotho

133 = Liberia

134 = Libya

135 = Liechtenstein

136 = Lithuania

137 = Luxembourg

138 = Macau

139 = Macedonia

140 = Madagascar

141 = Malawi

142 = Malaysia

143 = Maldives

144 = Mali

145 = Malta

146 = Marshall Islands

147 = Martinique

148 = Mauritania

149 = Mauritius

150 = Mayotte

151 = Mexico

152 = Micronesia, Federated States of

153 = Moldova

154 = Monaco

155 = Mongolia

156 = Montenegro

157 = Montserrat

158 = Morocco

159 = Mozambique

160 = Namibia

161 = Nauru

162 = Nepal

163 = Netherlands

164 = Neutral Zone

165 = New Caledonia

166 = New Zealand

167 = Nicaragua

168 = Niger

169 = Nigeria

170 = Niue

171 = Norfolk Island

172 = North Korea

173 = Norway

174 = Oman

175 = Pakistan

176 = Palau   
259 = Palestinian Territories

177 = Panama

178 = Papua New Guinea

179 = Paracel Islands

180 = Paraguay

181 = Peru

182 = Philippines

183 = Pitcairn Islands

184 = Poland

185 = Portugal

186 = Qatar

187 = Reunion

188 = Romania

189 = Russia

190 = Rwanda

191 = Saint Barthelemy

192 = Saint Helena, Ascension, & Tristan Da Cunha

193 = Saint Lucia

194 = Saint Martin

195 = Samoa

196 = San Marino

197 = Sao Tome & Principe

198 = Saudi Arabia

199 = Senegal

200 = Serbia

201 = Seychelles

202 = Sierra Leone

203 = Singapore

204 = Sint Maarten

205 = Slovakia

206 = Slovenia

207 = Solomon Islands

208 = Somalia

209 = South Africa

210 = South Georgia & the South Sandwich Islands

211 = South Korea

212 = South Sudan

213 = Spain

214 = Spratly Islands

215 = Sri Lanka

216 = St Kitts & Nevis

217 = St Pierre & Miquelon

218 = St Vincent & the Grenadines

219 = Stateless

220 = Sudan

221 = Suriname

222 = Svalbard

223 = Swaziland

224 = Sweden

225 = Switzerland

226 = Syria

227 = Taiwan

228 = Tajikistan

229 = Tanzania

230 = Thailand

231 = Timor-Leste

232 = Togo

233 = Tokelau

234 = Tonga

235 = Trinidad & Tobago

236 = Tromelin Island

237 = Tunisia

238 = Turkey

239 = Turkmenistan

240 = Turks & Caicos Islands

241 = Tuvalu

242 = Uganda

243 = Ukraine

244 = United Arab Emirates

245 = United Kingdom

246 = Unknown

247 = Uruguay

248 = Uzbekistan

249 = Vanuatu

250 = Vatican City

251 = Venezuela

252 = Vietnam

253 = Wallis & Futuna Islands

254 = West Bank

255 = Western Sahara

256 = Yemen

257 = Zambia

258 = Zimbabwe

*-9 = Student did not receive this question*