NSSE 2023 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 [Rlownview]
   e. Tried to better understand someone else's views by imagining how an issue looks from their perspective [Rlperspect]
   f. Learned something that changed the way you understand an issue or concept [Rlnewview]
   g. Connected ideas from your courses to your prior experiences and knowledge [Rlconnect]

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.) [tmocurr]
c. Working for pay on campus [tmworkon]
d. Working for pay off campus [tmworkoff]
e. Doing community service or volunteer work [tmv]
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.) [tmocurhrs]
- Working for pay on campus [tmworkonhrs]
- Working for pay off campus [tmworkoffhrs]
- Doing community service or volunteer work [tmvhrs]
- 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? [return]
   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) [MAJself]
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) [MAJsecond]
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: Freshman/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=9

[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]
   - Agender or gender neutral [gi_agender]
   - Demigender [gi_demi]
   - Genderqueer, non-binary, or gender non-conforming [gi_gqueer]
   - Genderfluid [gi_gfluid]
   - Two-spirit [gi_twospirit]
   - Cis/Cisgender [gi_cis]
   - Trans/Transgender [gi_trans]
   - 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]
How would you describe your religious identity or belief system? (Select all that apply.)

- Agnostic [rb_agnostic]
- Atheist [rb_atheist]
- Buddhist [rb_buddhist]
- Christian [rb_christian]
- Hindu [rb_hindu]
- Jewish [rb_jewish]
- Muslim [rb_muslim]
- Spiritual, but unrelated to any specific religious identity or belief system [rb_spiritual]
- Another religious identity or belief system, please specify: [rb_another] [rb_another_txt]
- I have no particular religious identity or belief system [rb_none]
- I prefer not to respond [rb_pnr]

In your own words, how would you describe your religious identity or belief system? [rb_text]

- Do you have a disability or condition that impacts your learning, working, or living activities? [disability21]
- Which of the following impacts your learning, working, or living activities? (Select all that apply.)
  - Sensory disability
    - Blind or low vision [dis_vision]
    - Deaf or hard of hearing [dis_hearing]
  - Physical disability
35. To which of the following social or service Greek letter organizations do you belong? (Select all that apply.)

- Interfraternity Conference (IFC) [gr_IFC]
- National Panhellenic Council (NPC) [gr_NPC]
- National Pan-Hellenic Council (NPHC, The Divine 9) [gr_NPHC]
- United Greek Council (UGC) or Multicultural Greek Council (MGC) [gr_UGC]
- Independent Greek Council (IGC) [gr_ICG]
- Another Greek letter organization, please specify: [TEXT] [gr_another] [gr_another_txt]
- None, I am not a member of a Greek letter organization [gr_none]

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

- 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 four questions for the end of the NSSE questionnaire.) [commprompt]

Options:
1 = 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;
2 = What has been most satisfying about your experience so far at this institution, and what has been most disappointing?
3 = Please describe the most significant learning experience you have had so far at this institution;
4 = What one change would most improve the educational experience at this institution, and what one thing should not be changed?
5 = Comment prompt customized by school

Note: Item found in the Student Comments data file; if applicable, text of customized prompt displayed in [commpromptText]
- Additional comment [addcomm]
  
  Response option: Text box with a 5,000 character limit
  Note: Item found in the Student Comments data file.

  [DERIVED] Respondent entered a comment in addcomm [FinalComment]
  Values: Did not enter a comment=0, Entered a comment=1
  Note: Item 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](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, RIlownview, 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, CLeplain, 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  
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-, astronomical 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 = Akron
3 = Albania
4 = Algeria
5 = Andorra
6 = Angola
7 = Angola
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 = Djibouti
66 = Dominica
67 = Dominican Republic
68 = Dominica
69 = Ecuador
70 = Egypt
71 = El Salvador
72 = Equatorial Guinea
73 = Eritrea
74 = Estonia
75 = Ethiopia
76 = Etorofu, Konomai, Kunashir, & Shikotan Islands
77 = Falkland Islands Islands
78 = Falkland Islands Islands
79 = Faroe Islands
80 = Fiji
81 = Finland
82 = France
83 = French Guiana
84 = French Polynesia
85 = French Southern & Antarctic Lands
86 = Gabon
87 = Gambia
88 = Gaza Strip
89 = Georgia
90 = Germany
91 = Ghana
92 = Gibraltar
93 = Glorious 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
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

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