

NSSE 2014  
(The National Survey of Student Engagement)

The University of Tennessee, Knoxville  
**Observations**

Office of Institutional Research and Assessment  
November 2014



The National Survey of Student Engagement is a survey of first year and senior students focusing on what students and their institutions do to foster engagement on campus. The survey has been administered since 2000 and over 1574 institutions have participated in that time. NSSE provides a lot of information, 86 items along with over 19 demographic questions. In order to facilitate an easier understanding of all that data, NSSE developed “Benchmarks” in 2001 which transitioned into “Engagement Indicators” with a revised version of the survey in 2013. Benchmarks gave institutions an easier way to report the data to interested parties on their campuses, but as NSSE’s understanding of student engagement grew, the researchers behind the survey determined that there was a better way to categorize the data and Engagement Indicators made their debut. Engagement Indicators may be an improvement over Benchmarks, but institutions have found it difficult to compare data from the old era with that of the new.

One thing that has remained constant over the course of the existence of NSSE is that the survey is designed to look at *what students do* as well as *what institutions do* to create an environment where student engagement occurs. This study takes the questions from the revised NSSE survey and separates them into three categories: 1) items looking at what students do when it comes to ideal engagement practices, 2) items examining what institutions do to promote ideal engagement practices, and 3) items that look at practices that require involvement on the part of both the student and the institution.

The reason for this approach is that the University of Tennessee, Knoxville has participated in the NSSE for several years and it has been a challenge to figure out exactly how to use the data. Questions were raised about the survey items that make up the benchmarks and engagement indicators, and whether or not those were a good measure of what was happening at UTK. Many groups on campus use selected individual items that pertain to their objectives, but there wasn’t an effective way to consider all of the items on the survey. This method helps condense the 86 items into the three categories noted above and narrows the focus on where issues with student engagement occur and which part of the equation contributes to good (or bad) engagement practices.

NSSE compares an individual institution’s mean scores with those of our Carnegie class of institutions (Research I institutions). Items where the differences between those mean scores are larger than would be expected by chance are noted as statistically significant.<sup>1</sup> When NSSE identifies an institution’s score that is statistically significant, an *effect size* is then calculated. According to NSSE, the “effect size indicates practical significance” when statistical significance has been established. An effect size of .2 is considered small, .5 is moderate and .8 is large. All of the effect sizes for UTK items hover around .2, which means that the practical significance of the differences is small.

#### **A note on how NSSE is administered**

NSSE administers the survey based on a population file submitted by the institution, and offers to send it to either a sample of students or to all eligible students. For the past three administrations, UTK has elected to do the census of all first year and senior students. The response rate for the census administration has been low (10% for first year students, 14% for seniors). However, the frequencies and means have remained close to those for years when a sample was used and the response rate was higher. The demographic breakdown of NSSE respondents for the 2014 survey is below:

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<sup>1</sup> NSSE calculates statistical significance at three levels ( $p < .05$ ,  $p < .01$  and  $p < .001$ ). For the purposes of this review, any item where the mean differences were determined to be statistically significant was included, regardless of the level of significance.

|                               | First-year   |              | Senior       |              |
|-------------------------------|--------------|--------------|--------------|--------------|
|                               | Respondent % | Population % | Respondent % | Population % |
| Female                        | 64           | 49           | 55           | 48           |
| Male                          | 36           | 51           | 45           | 52           |
| Race/ethnicity                |              |              |              |              |
| Asian                         | 4            | 4            | 5            | 4            |
| Black or African American     | 8            | 8            | 5            | 7            |
| Hispanic or Latino            | 3            | 3            | 2            | 3            |
| White                         | 80           | 80           | 82           | 81           |
| Two or more races/ethnicities | 3            | 3            | 3            | 3            |
| Unknown                       | 2            | 2            | 2            | 2            |

Let's take a look at the data for first year students:

### **First Year Students**

#### ***What Students Do:***

There are forty six items looking at effective engagement practices of students, and first year students at the University of Tennessee compare favorably to peers at similar schools. Below are the items where there was a statistically significant difference between first year students at UTK and those at other participating Research I institutions:

First year students engage in the following behaviors significantly **more than** peers at similar institutions:

- Asking questions
- Attending an art exhibit or other arts
- Working with other students on course materials
- Giving course presentations
- Reaching conclusions based on their own analysis of numerical information
- Working for pay off campus

First year students rate the following items significantly **lower than** their peers at similar institutions:

- Coming to class without completing readings or assignments
- Spending time relaxing and socializing
- Time spent on assigned readings
- Opinion on entire experience at UT

#### ***What Institutions Do:***

There are twenty-five items on the NSSE that look at specifically at what the institution does to encourage student engagement. First year students are also in line with their peers when it comes to their opinion of what the institution provides to help foster engagement. The gap between UTK and peers was noted as statistically significant for the following items:

Compared to peers at similar institutions, first year students rate UTK as an institution significantly **higher:**

- Providing feedback on a draft or work in progress

Compared to peers at similar institutions, first year students rate UTK as an institution significantly **lower**:

- Assigning papers between 6 and 10 pages (UTK assigns fewer of these papers than peer institutions)
- Assigning papers of 11 pages or more
- Providing support for their overall well-being (recreation, health care, counseling, etc.)
- Helping manage non-academic responsibilities (work, family, etc.)

***What Students and the Institution Do:***

There are nineteen items that cannot be attributed specifically to the student or the institution. These questions ask about interactions between students and the institution. The institution must offer an opportunity or experience and the student must participate in that offering.

First year students at UTK rate the following student/institution interactions significantly **higher** than their peers at similar institutions:

- Talking about career plans with a faculty member
- Discussing academic performance with a faculty member
- Satisfaction with their interactions with academic advisor

First year students at UTK rate the following student/institution interactions significantly **lower** than their peers at similar institutions:

- Acquiring job or work related knowledge and skills
- Developing or clarifying a personal code of values and ethics

In summary, UTK is very similar to other Carnegie I institutions when it comes to student engagement and first year students. Our students do a lot of the same things students at peers do, what the institution offers is similar to that of equivalent institutions, the student/institution does not fall outside the range of what other NSSE participants are doing. When differences cannot be attributed simply to chance and are deemed statistically significant, it can be determined from the effect size that the practical significance of those differences is small. Administrators and faculty may want to take a look at a few areas, *but for the most part UTK is doing a good job with first year students.*

**Seniors**

Before we dig into what the data tell us about seniors it is important to point out something that can seem counterintuitive. *Seniors will be less engaged than first year students.* While they may have been exposed to many more practices and opportunities that would encourage student engagement, they are at the end of their undergraduate academic careers. Their group of friends is set, they are taking the most specialized courses for their majors, they are more concerned with what will happen next rather than what happened in the previous four or five years. NSSE does not measure the process of student engagement from freshman to senior. Comparing senior responses to those of first year students is not very informative.

***What Students Do:***

Senior students engage in the following behaviors significantly **more than** peers at similar institutions:

- Participating in a learning community or other formal program
- Working with faculty member on a research project

- Working for pay off campus

Senior year students rate the following items significantly **lower than** their peers at similar institutions:

- Preparing two or more drafts of a paper or assignment
- Having discussions with people from a race or ethnicity different from their own
- Having discussions with people from an economic background different from their own
- Having discussions with people who have religious beliefs different from their own
- The amount of time they spend preparing for class
- The amount of time they spend participating in co-curricular activities
- Opinion on entire educational experience at UTK
- Opinion on starting again at UTK

***What Institutions Do:***

Compared to peers at similar institutions, senior students rate UTK as an institution significantly **above**:

- Assigned papers of up to 5 pages

Compared to peers at similar institutions, first year students rate UTK as an institution significantly **below**:

- Providing support to help students succeed academically
- Using learning support services
- Providing support for their overall well-being (recreation, health care, counseling, etc.)
- Helping manage non-academic responsibilities (work, family)

***What Students and Institutions Do:***

Seniors at UTK rate the following student/institution interactions significantly **higher** than their peers at similar institutions:

- Talking about career plans with a faculty member
- Working with a faculty member on activities other than coursework
- Discussing course topics, ideals, or concepts with faculty members outside of class

Seniors at UTK rate the following student/institution interactions significantly **lower** than their peers at similar institutions:

- Interaction with administrative staff and offices (registrar, financial aid, etc.)
- Writing clearly and effectively
- Thinking critically and analytically
- Analyzing numerical and statistical information
- Working effectively with others
- Developing or clarifying a personal code of values and ethics
- Understanding people of different backgrounds
- Solving complex real-world problems
- Being an informed and active citizen

Once again, it is important to note that while all of the effect sizes for the items noted above are around the .2 figure that indicates a small practical effect size, there are some trends here that deserve a closer look. On the plus side, we can see that our students feel comfortable interacting with faculty, and that prior focus on learning communities and undergraduate research are paying dividends.

However, there are ten items that ask students how their experience at UTK has “contributed to your knowledge, skills, and personal development” in those areas. Our seniors rated their interactions lower than students at similar institutions at a statistically significant level in eight of the ten items in this cluster of variables. These items make up the majority of the category looking at student/institution interaction (those that require opportunities offered by the institution and taken by the student). Perhaps most troubling is that these items, (writing well, thinking critically and analytically, working effectively with others, developing a code of ethics, understanding people of different backgrounds, solving complex problems, being an informed citizen) are the hallmarks of a successful college education.

The effect sizes for these items do fall in the small range, but many of these have shown up time and again over the history of the NSSE survey<sup>2</sup>:

| NSSE Year  |    | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2014 |
|--|----|------|------|------|------|------|------|------|------|------|------|------|------|
| Writing clearly and effectively  | SR | 2.8  | 2.8  | 2.8  | 2.8  | 2.9  | 2.9  | 2.9  | 3.0  | 3.0  | 2.9  | 3.0  | 2.8  |
| Speaking clearly and effectively   | SR | 2.7  | 2.8  | 2.7  | 2.7  | 2.9  | 2.8  | 2.7  | 2.8  | 2.9  | 2.9  | 2.8  | 2.8  |
| Thinking critically and analytically   | SR | 3.1  | 3.2  | 3.2  | 3.2  | 3.2  | 3.3  | 3.2  | 3.3  | 3.3  | 3.3  | 3.3  | 3.2  |
| Analyzing quantitative problems (rewritten for 2013 as "Analyzing numerical and statistical information")  | SR | 2.8  | 2.9  | 2.8  | 2.7  | 3.0  | 3.0  | 2.9  | 3.0  | 3.0  | 3.0  | 3.0  | 2.9  |
| Acquiring job or work-related knowledge and skills   | SR | 2.9  | 2.9  | 2.9  | 2.9  | 2.9  | 3.0  | 2.9  | 2.9  | 2.9  | 3.0  | 2.9  | 2.8  |
| Working effectively with others  | SR | 3.0  | 3.1  | 2.9  | 3.0  | 3.0  | 3.1  | 3.0  | 3.1  | 3.1  | 3.1  | 3.1  | 2.9  |
| Developing a personal code of values and ethics (rewritten for 2013 as "Developing or clarifying a personal code of values and ethics")  | SR | 2.5  | 2.5  | 2.4  | 2.3  | 2.4  | 2.4  | 2.4  | 2.5  | 2.4  | 2.5  | 2.5  | 2.5  |
| Understanding people of other racial and ethnic backgrounds (rewritten for 2013 as "Understanding people of other backgrounds: racial/ethnic, political, religious, nationality, etc.) | SR | 2.5  | 2.5  | 2.3  | 2.3  | 2.4  | 2.4  | 2.4  | 2.4  | 2.5  | 2.5  | 2.4  | 2.5  |
| Solving complex real-world problems  | SR |      | 2.6  | 2.5  | 2.5  | 2.6  | 2.7  | 2.6  | 2.6  | 2.7  | 2.7  | 2.7  | 2.6  |
| Being an informed and active citizen (new in 2013)   |    |      |      |      |      |      |      |      |      |      |      |      | 2.5  |

Something is happening with seniors at UTK, and while NSSE can screen issues with engagement, it cannot be used as a diagnostic tool to determine where the problem is. Further research into the issue is warranted if it is determined that this is an area worth pursuing. Action on issues such as advising, learning communities and the first year experience have been reflected in subsequent administrations of NSSE and it may be possible to see progress here as well.

<sup>2</sup> Items shaded in green indicate scores where the difference between UTK seniors and seniors at other Research I institutions were determined to be statistically significant. As noted before, any item where the mean differences were determined to be statistically significant was included, regardless of the level of significance

## Appendix A

NSSE Items relating to

# “What Students Do”



# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording<br>or description   | Variable<br>name <sup>c</sup>  | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |        | Statistical Comparisons <sup>b</sup> |       |                             | Frequency Distributions <sup>a</sup> |     |              |        | Statistical Comparisons <sup>b</sup> |         |                             |     |                |                             |
|--|--|---------------------|------------------|--------------------------------------|-----|----------------|--------|--------------------------------------|-------|-----------------------------|--------------------------------------|-----|--------------|--------|--------------------------------------|---------|-----------------------------|-----|----------------|-----------------------------|
|  |  |                     |                  | UT Knoxville                         |     | Carnegie Class |        | UT Knoxville                         |       | Carnegie Class              | Effect<br>size <sup>e</sup>          |     | UT Knoxville |        | Carnegie Class                       |         | UT Knoxville                |     | Carnegie Class | Effect<br>size <sup>e</sup> |
|  |  |                     |                  | Count                                | %   | Count          | %      | Mean                                 | Mean  | Effect<br>size <sup>e</sup> | Count                                | %   | Count        | %      | Mean                                 | Mean    | Effect<br>size <sup>e</sup> |     |                |                             |
| <b>1. During the current school year, about how often have you done the following?</b> |  |                     |                  |                                      |     |                |        |                                      |       |                             |                                      |     |              |        |                                      |         |                             |     |                |                             |
| a. Asked questions or contributed to course discussions in other ways                  | askquest   | 1                   | Never            | 19                                   | 4   | 1,618          | 5      | <b>2.8</b>                           | 2.7 * | .11                         | 27                                   | 4   | 1,628        | 3      | <b>3.0</b>                           | 3.0     | .03                         |     |                |                             |
|  |  |                     | 2                | Sometimes                            | 187 | 35             | 13,888 |                                      |       |                             | 39                                   | 189 | 28           | 14,480 |                                      |         |                             | 30  |                |                             |
|  |  |                     | 3                | Often                                | 173 | 35             | 12,293 |                                      |       |                             | 34                                   | 197 | 29           | 15,816 |                                      |         |                             | 32  |                |                             |
|  |  |                     | 4                | Very often                           | 124 | 26             | 7,803  |                                      |       |                             | 22                                   | 257 | 38           | 17,493 |                                      |         |                             | 35  |                |                             |
|  |  |                     | Total            |                                      | 503 | 100            | 35,602 |                                      |       |                             | 100                                  | 670 | 100          | 49,417 |                                      |         |                             | 100 |                |                             |
| b. Prepared two or more drafts of a paper or assignment before turning it in           | drafts   | 1                   | Never            | 98                                   | 21  | 6,690          | 20     | <b>2.4</b>                           | 2.4   | -.02                        | 222                                  | 33  | 12,129       | 25     | <b>2.1</b>                           | 2.3 *** | -.17                        |     |                |                             |
|  |  |                     | 2                | Sometimes                            | 179 | 36             | 12,431 |                                      |       |                             | 36                                   | 237 | 36           | 17,990 |                                      |         |                             | 36  |                |                             |
|  |  |                     | 3                | Often                                | 134 | 27             | 10,072 |                                      |       |                             | 28                                   | 121 | 18           | 11,431 |                                      |         |                             | 23  |                |                             |
|  |  |                     | 4                | Very often                           | 86  | 16             | 6,261  |                                      |       |                             | 16                                   | 91  | 13           | 7,640  |                                      |         |                             | 15  |                |                             |
|  |  |                     | Total            |                                      | 497 | 100            | 35,454 |                                      |       |                             | 100                                  | 671 | 100          | 49,190 |                                      |         |                             | 100 |                |                             |
| c. Come to class without completing readings or assignments                            | unpreparedr<br><i>(Reverse-coded version of unprepared created by NSSE.)</i> | 1                   | Very often       | 40                                   | 8   | 2,069          | 6      | <b>2.8</b>                           | 2.9 * | -.11                        | 59                                   | 9   | 3,752        | 8      | <b>2.8</b>                           | 2.8 *   | -.08                        |     |                |                             |
|  |  |                     | 2                | Often                                | 77  | 16             | 5,546  |                                      |       |                             | 16                                   | 134 | 20           | 8,702  |                                      |         |                             | 18  |                |                             |
|  |  |                     | 3                | Sometimes                            | 293 | 59             | 20,496 |                                      |       |                             | 58                                   | 365 | 55           | 27,493 |                                      |         |                             | 56  |                |                             |
|  |  |                     | 4                | Never                                | 88  | 16             | 7,243  |                                      |       |                             | 20                                   | 111 | 16           | 9,142  |                                      |         |                             | 18  |                |                             |
|  |  |                     | Total            |                                      | 498 | 100            | 35,354 |                                      |       |                             | 100                                  | 669 | 100          | 49,089 |                                      |         |                             | 100 |                |                             |
| d. Attended an art exhibit, play or other arts performance (dance, music, etc.)        | attendart  | 1                   | Never            | 169                                  | 36  | 13,597         | 38     | <b>2.0</b>                           | 1.9 * | .09                         | 280                                  | 42  | 20,186       | 41     | <b>1.8</b>                           | 1.8     | -.02                        |     |                |                             |
|  |  |                     | 2                | Sometimes                            | 199 | 39             | 14,051 |                                      |       |                             | 40                                   | 263 | 39           | 19,168 |                                      |         |                             | 39  |                |                             |
|  |  |                     | 3                | Often                                | 73  | 15             | 4,981  |                                      |       |                             | 14                                   | 74  | 11           | 6,056  |                                      |         |                             | 12  |                |                             |
|  |  |                     | 4                | Very often                           | 50  | 10             | 2,573  |                                      |       |                             | 7                                    | 51  | 7            | 3,551  |                                      |         |                             | 7   |                |                             |
|  |  |                     | Total            |                                      | 491 | 100            | 35,202 |                                      |       |                             | 100                                  | 668 | 100          | 48,961 |                                      |         |                             | 100 |                |                             |
| e. Asked another student to help you understand course material                        | CLaskhelp  | 1                   | Never            | 36                                   | 7   | 2,236          | 7      | <b>2.7</b>                           | 2.7   | .01                         | 78                                   | 12  | 5,595        | 12     | <b>2.4</b>                           | 2.5     | -.05                        |     |                |                             |
|  |  |                     | 2                | Sometimes                            | 191 | 38             | 13,294 |                                      |       |                             | 38                                   | 315 | 47           | 21,176 |                                      |         |                             | 43  |                |                             |
|  |  |                     | 3                | Often                                | 159 | 32             | 12,523 |                                      |       |                             | 35                                   | 168 | 25           | 14,334 |                                      |         |                             | 29  |                |                             |
|  |  |                     | 4                | Very often                           | 108 | 22             | 7,104  |                                      |       |                             | 20                                   | 102 | 15           | 7,774  |                                      |         |                             | 16  |                |                             |
|  |  |                     | Total            |                                      | 494 | 100            | 35,157 |                                      |       |                             | 100                                  | 663 | 100          | 48,879 |                                      |         |                             | 100 |                |                             |
| f. Explained course material to one or more students                                   | CLexplain  | 1                   | Never            | 13                                   | 3   | 1,050          | 3      | <b>2.8</b>                           | 2.8   | .02                         | 18                                   | 3   | 1,921        | 4      | <b>2.8</b>                           | 2.8     | -.01                        |     |                |                             |
|  |  |                     | 2                | Sometimes                            | 177 | 37             | 12,373 |                                      |       |                             | 36                                   | 239 | 37           | 17,051 |                                      |         |                             | 35  |                |                             |
|  |  |                     | 3                | Often                                | 177 | 37             | 13,853 |                                      |       |                             | 41                                   | 250 | 39           | 18,434 |                                      |         |                             | 39  |                |                             |
|  |  |                     | 4                | Very often                           | 107 | 23             | 7,073  |                                      |       |                             | 21                                   | 133 | 21           | 10,573 |                                      |         |                             | 22  |                |                             |
|  |  |                     | Total            |                                      | 474 | 100            | 34,349 |                                      |       |                             | 100                                  | 640 | 100          | 47,979 |                                      |         |                             | 100 |                |                             |

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          |
|--|----------------------------|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|
|  |                            |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          |
|  |                            |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> |
| g. Prepared for exams by discussing or working through course material with other students | CLstudy                    | 1                   | Never            | 55                                   | 12  | 3,707          | 11  | <b>2.7</b>                           | 2.6            | .06                      | 108                                  | 17  | 7,333          | 15  | <b>2.5</b>                           | 2.5            | -.05                     |
|  |                            | 2                   | Sometimes        | 162                                  | 33  | 12,079         | 35  |                                      |                |                          | 239                                  | 37  | 17,222         | 36  |                                      |                |                          |
|  |                            | 3                   | Often            | 135                                  | 28  | 10,879         | 31  |                                      |                |                          | 161                                  | 26  | 13,368         | 28  |                                      |                |                          |
|  |                            | 4                   | Very often       | 122                                  | 27  | 7,704          | 22  |                                      |                |                          | 129                                  | 20  | 10,036         | 21  |                                      |                |                          |
|  |                            | Total               |                  | 474                                  | 100 | 34,369         | 100 |                                      |                |                          | 637                                  | 100 | 47,959         | 100 |                                      |                |                          |
| h. Worked with other students on course projects or assignments                            | CLproject                  | 1                   | Never            | 20                                   | 5   | 2,455          | 7   | <b>2.8</b>                           | 2.6 ***        | .17                      | 41                                   | 7   | 2,765          | 6   | <b>2.9</b>                           | 2.9            | -.01                     |
|  |                            | 2                   | Sometimes        | 172                                  | 36  | 13,784         | 41  |                                      |                |                          | 184                                  | 29  | 13,973         | 29  |                                      |                |                          |
|  |                            | 3                   | Often            | 175                                  | 37  | 11,753         | 34  |                                      |                |                          | 211                                  | 34  | 16,375         | 34  |                                      |                |                          |
|  |                            | 4                   | Very often       | 102                                  | 22  | 6,229          | 18  |                                      |                |                          | 198                                  | 31  | 14,784         | 31  |                                      |                |                          |
|  |                            | Total               |                  | 469                                  | 100 | 34,221         | 100 |                                      |                |                          | 634                                  | 100 | 47,897         | 100 |                                      |                |                          |
| i. Gave a course presentation  | present                    | 1                   | Never            | 73                                   | 17  | 8,402          | 25  | <b>2.3</b>                           | 2.1 ***        | .30                      | 61                                   | 10  | 5,863          | 12  | <b>2.6</b>                           | 2.6            | .07                      |
|  |                            | 2                   | Sometimes        | 208                                  | 44  | 16,337         | 48  |                                      |                |                          | 243                                  | 39  | 17,765         | 38  |                                      |                |                          |
|  |                            | 3                   | Often            | 130                                  | 28  | 6,712          | 19  |                                      |                |                          | 186                                  | 30  | 14,354         | 30  |                                      |                |                          |
|  |                            | 4                   | Very often       | 58                                   | 12  | 2,582          | 7   |                                      |                |                          | 139                                  | 22  | 9,687          | 20  |                                      |                |                          |
|  |                            | Total               |                  | 469                                  | 100 | 34,033         | 100 |                                      |                |                          | 629                                  | 100 | 47,669         | 100 |                                      |                |                          |
| <b>2. During the current school year, about how often have you done the following?</b>     |                            |                     |                  |                                      |     |                |     |                                      |                |                          |                                      |     |                |     |                                      |                |                          |
| a. Combined ideas from different courses when completing assignments                       | RIntegrate                 | 1                   | Never            | 25                                   | 6   | 1,857          | 6   | <b>2.7</b>                           | 2.7            | .00                      | 15                                   | 2   | 1,214          | 3   | <b>3.0</b>                           | 3.0            | .02                      |
|  |                            | 2                   | Sometimes        | 176                                  | 39  | 12,959         | 39  |                                      |                |                          | 149                                  | 24  | 11,584         | 25  |                                      |                |                          |
|  |                            | 3                   | Often            | 155                                  | 36  | 12,278         | 37  |                                      |                |                          | 252                                  | 41  | 18,692         | 40  |                                      |                |                          |
|  |                            | 4                   | Very often       | 84                                   | 19  | 6,317          | 19  |                                      |                |                          | 204                                  | 33  | 15,473         | 33  |                                      |                |                          |
|  |                            | Total               |                  | 440                                  | 100 | 33,411         | 100 |                                      |                |                          | 620                                  | 100 | 46,963         | 100 |                                      |                |                          |
| b. Connected your learning to societal problems or issues                                  | RSocietal                  | 1                   | Never            | 33                                   | 8   | 2,844          | 9   | <b>2.6</b>                           | 2.6            | -.01                     | 48                                   | 8   | 3,187          | 7   | <b>2.8</b>                           | 2.8            | -.02                     |
|  |                            | 2                   | Sometimes        | 183                                  | 43  | 13,274         | 41  |                                      |                |                          | 188                                  | 31  | 14,828         | 32  |                                      |                |                          |
|  |                            | 3                   | Often            | 151                                  | 33  | 11,385         | 34  |                                      |                |                          | 222                                  | 36  | 16,293         | 35  |                                      |                |                          |
|  |                            | 4                   | Very often       | 66                                   | 16  | 5,447          | 16  |                                      |                |                          | 151                                  | 24  | 12,108         | 26  |                                      |                |                          |
|  |                            | Total               |                  | 433                                  | 100 | 32,950         | 100 |                                      |                |                          | 609                                  | 100 | 46,416         | 100 |                                      |                |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description   | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          |              |                |  |
|---|----------------------------|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------|----------------|--|
|   |                            |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville | Carnegie Class |  |
|   |                            |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> |              |                |  |
| c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments | Rldiverse                  | 1                   | Never            | 45                                   | 11  | 3,642          | 12  | <b>2.5</b>                           | 2.5            | -.02                     | 80                                   | 14  | 6,557          | 15  | <b>2.6</b>                           | 2.5            | .05                      |              |                |  |
|   |                            | 2                   | Sometimes        | 188                                  | 43  | 13,700         | 42  |                                      |                |                          | 210                                  | 35  | 16,582         | 36  |                                      |                |                          |              |                |  |
|   |                            | 3                   | Often            | 139                                  | 31  | 10,576         | 32  |                                      |                |                          | 181                                  | 30  | 13,437         | 29  |                                      |                |                          |              |                |  |
|   |                            | 4                   | Very often       | 60                                   | 14  | 5,025          | 15  |                                      |                |                          | 136                                  | 21  | 9,825          | 20  |                                      |                |                          |              |                |  |
|   |                            | Total               |                  | 432                                  | 100 | 32,943         | 100 |                                      |                |                          | 607                                  | 100 | 46,401         | 100 |                                      |                |                          |              |                |  |
| d. Examined the strengths and weaknesses of your own views on a topic or issue  | Rlownview                  | 1                   | Never            | 24                                   | 6   | 1,840          | 6   | <b>2.7</b>                           | 2.7            | -.04                     | 42                                   | 7   | 2,556          | 6   | <b>2.8</b>                           | 2.8            | .04                      |              |                |  |
|   |                            | 2                   | Sometimes        | 151                                  | 35  | 11,381         | 34  |                                      |                |                          | 173                                  | 28  | 14,891         | 32  |                                      |                |                          |              |                |  |
|   |                            | 3                   | Often            | 184                                  | 42  | 13,551         | 41  |                                      |                |                          | 239                                  | 40  | 18,171         | 39  |                                      |                |                          |              |                |  |
|   |                            | 4                   | Very often       | 74                                   | 17  | 6,072          | 19  |                                      |                |                          | 156                                  | 25  | 10,705         | 23  |                                      |                |                          |              |                |  |
|   |                            | Total               |                  | 433                                  | 100 | 32,844         | 100 |                                      |                |                          | 610                                  | 100 | 46,323         | 100 |                                      |                |                          |              |                |  |
| e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective            | Rlperspect                 | 1                   | Never            | 21                                   | 6   | 1,292          | 4   | <b>2.8</b>                           | 2.8            | -.01                     | 27                                   | 5   | 1,894          | 4   | <b>2.9</b>                           | 2.9            | .02                      |              |                |  |
|   |                            | 2                   | Sometimes        | 131                                  | 31  | 10,552         | 32  |                                      |                |                          | 176                                  | 29  | 13,134         | 29  |                                      |                |                          |              |                |  |
|   |                            | 3                   | Often            | 174                                  | 39  | 13,663         | 41  |                                      |                |                          | 224                                  | 38  | 18,784         | 40  |                                      |                |                          |              |                |  |
|   |                            | 4                   | Very often       | 101                                  | 24  | 7,301          | 22  |                                      |                |                          | 180                                  | 29  | 12,379         | 26  |                                      |                |                          |              |                |  |
|   |                            | Total               |                  | 427                                  | 100 | 32,808         | 100 |                                      |                |                          | 607                                  | 100 | 46,191         | 100 |                                      |                |                          |              |                |  |
| f. Learned something that changed the way you understand an issue or concept  | Rlnewview                  | 1                   | Never            | 16                                   | 4   | 975            | 3   | <b>2.8</b>                           | 2.8            | -.04                     | 22                                   | 4   | 1,012          | 2   | <b>2.9</b>                           | 2.9            | -.08                     |              |                |  |
|   |                            | 2                   | Sometimes        | 137                                  | 32  | 10,698         | 33  |                                      |                |                          | 193                                  | 32  | 13,236         | 29  |                                      |                |                          |              |                |  |
|   |                            | 3                   | Often            | 188                                  | 44  | 13,804         | 42  |                                      |                |                          | 230                                  | 38  | 19,422         | 42  |                                      |                |                          |              |                |  |
|   |                            | 4                   | Very often       | 85                                   | 19  | 7,189          | 21  |                                      |                |                          | 158                                  | 26  | 12,385         | 26  |                                      |                |                          |              |                |  |
|   |                            | Total               |                  | 426                                  | 100 | 32,666         | 100 |                                      |                |                          | 603                                  | 100 | 46,055         | 100 |                                      |                |                          |              |                |  |
| g. Connected ideas from your courses to your prior experiences and knowledge  | Rlconnect                  | 1                   | Never            | 10                                   | 3   | 471            | 2   | <b>3.0</b>                           | 3.1            | -.05                     | 9                                    | 2   | 515            | 1   | <b>3.2</b>                           | 3.2            | -.02                     |              |                |  |
|   |                            | 2                   | Sometimes        | 87                                   | 21  | 7,024          | 22  |                                      |                |                          | 106                                  | 18  | 7,239          | 16  |                                      |                |                          |              |                |  |
|   |                            | 3                   | Often            | 201                                  | 47  | 14,814         | 45  |                                      |                |                          | 238                                  | 40  | 19,549         | 43  |                                      |                |                          |              |                |  |
|   |                            | 4                   | Very often       | 124                                  | 29  | 10,188         | 31  |                                      |                |                          | 247                                  | 41  | 18,491         | 40  |                                      |                |                          |              |                |  |
|   |                            | Total               |                  | 422                                  | 100 | 32,497         | 100 |                                      |                |                          | 600                                  | 100 | 45,794         | 100 |                                      |                |                          |              |                |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |       |                          | Frequency Distributions <sup>a</sup> |     |                |        | Statistical Comparisons <sup>b</sup> |            |         |                          |
|--|----------------------------|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|-------|--------------------------|--------------------------------------|-----|----------------|--------|--------------------------------------|------------|---------|--------------------------|
|  |                            |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |       | Effect size <sup>e</sup> | UT Knoxville                         |     | Carnegie Class |        | UT Knoxville                         |            | Mean    | Effect size <sup>e</sup> |
|  |                            |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean  |                          | Count                                | %   | Count          | %      | Mean                                 | Mean       |         |                          |
| <b>6. During the current school year, about how often have you done the following?</b>                                     |                            |                     |                  |                                      |     |                |     |                                      |       |                          |                                      |     |                |        |                                      |            |         |                          |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)             | QRconclude                 | 1                   | Never            | 38                                   | 8   | 3,853          | 11  | <b>2.7</b>                           | 2.6 * | .10                      | △                                    | 72  | 12             | 5,730  | 12                                   | <b>2.7</b> | 2.7     | .01                      |
|  |                            | 2                   | Sometimes        | 142                                  | 33  | 11,070         | 34  |                                      |       |                          |                                      | 190 | 32             | 14,353 | 31                                   |            |         |                          |
|  |                            | 3                   | Often            | 139                                  | 36  | 11,371         | 36  |                                      |       |                          |                                      | 181 | 31             | 14,852 | 33                                   |            |         |                          |
|  |                            | 4                   | Very often       | 90                                   | 23  | 6,035          | 19  |                                      |       |                          |                                      | 150 | 26             | 10,766 | 24                                   |            |         |                          |
|  |                            | Total               |                  | 409                                  | 100 | 32,329         | 100 |                                      |       |                          |                                      | 593 | 100            | 45,701 | 100                                  |            |         |                          |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) | QRproblem                  | 1                   | Never            | 77                                   | 18  | 6,905          | 21  | <b>2.4</b>                           | 2.3   | .05                      | ▽                                    | 110 | 18             | 8,963  | 19                                   | <b>2.5</b> | 2.4     | .03                      |
|  |                            | 2                   | Sometimes        | 177                                  | 43  | 12,856         | 40  |                                      |       |                          |                                      | 212 | 36             | 16,385 | 36                                   |            |         |                          |
|  |                            | 3                   | Often            | 98                                   | 24  | 8,654          | 27  |                                      |       |                          |                                      | 157 | 27             | 12,260 | 27                                   |            |         |                          |
|  |                            | 4                   | Very often       | 57                                   | 15  | 3,839          | 12  |                                      |       |                          |                                      | 111 | 19             | 8,017  | 18                                   |            |         |                          |
|  |                            | Total               |                  | 409                                  | 100 | 32,254         | 100 |                                      |       |                          |                                      | 590 | 100            | 45,625 | 100                                  |            |         |                          |
| c. Evaluated what others have concluded from numerical information   | QRevaluate                 | 1                   | Never            | 74                                   | 18  | 6,067          | 18  | <b>2.3</b>                           | 2.3   | .01                      | ▽                                    | 98  | 17             | 7,403  | 16                                   | <b>2.5</b> | 2.5     | -.02                     |
|  |                            | 2                   | Sometimes        | 176                                  | 42  | 13,329         | 42  |                                      |       |                          |                                      | 210 | 36             | 16,717 | 37                                   |            |         |                          |
|  |                            | 3                   | Often            | 108                                  | 28  | 9,144          | 29  |                                      |       |                          |                                      | 179 | 31             | 13,567 | 30                                   |            |         |                          |
|  |                            | 4                   | Very often       | 48                                   | 12  | 3,585          | 11  |                                      |       |                          |                                      | 99  | 17             | 7,781  | 18                                   |            |         |                          |
|  |                            | Total               |                  | 406                                  | 100 | 32,125         | 100 |                                      |       |                          |                                      | 586 | 100            | 45,468 | 100                                  |            |         |                          |
| <b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>  |                            |                     |                  |                                      |     |                |     |                                      |       |                          |                                      |     |                |        |                                      |            |         |                          |
| a. People of a race or ethnicity other than your own   | DDrace                     | 1                   | Never            | 9                                    | 3   | 1,081          | 4   | <b>3.1</b>                           | 3.1   | .01                      | ▽                                    | 17  | 3              | 1,735  | 4                                    | <b>3.0</b> | 3.2 *** | -.16                     |
|  |                            | 2                   | Sometimes        | 89                                   | 24  | 6,502          | 22  |                                      |       |                          |                                      | 156 | 28             | 9,344  | 22                                   |            |         |                          |
|  |                            | 3                   | Often            | 110                                  | 29  | 8,914          | 30  |                                      |       |                          |                                      | 171 | 32             | 11,961 | 28                                   |            |         |                          |
|  |                            | 4                   | Very often       | 166                                  | 44  | 13,710         | 44  |                                      |       |                          |                                      | 207 | 37             | 20,150 | 47                                   |            |         |                          |
|  |                            | Total               |                  | 374                                  | 100 | 30,207         | 100 |                                      |       |                          |                                      | 551 | 100            | 43,190 | 100                                  |            |         |                          |
| b. People from an economic background other than your own  | DDeconomic                 | 1                   | Never            | 9                                    | 3   | 988            | 3   | <b>3.2</b>                           | 3.1   | .08                      | ▽                                    | 20  | 3              | 1,539  | 4                                    | <b>3.1</b> | 3.1 **  | -.11                     |
|  |                            | 2                   | Sometimes        | 73                                   | 19  | 6,398          | 22  |                                      |       |                          |                                      | 129 | 24             | 8,978  | 21                                   |            |         |                          |
|  |                            | 3                   | Often            | 129                                  | 34  | 10,189         | 34  |                                      |       |                          |                                      | 200 | 37             | 13,976 | 32                                   |            |         |                          |
|  |                            | 4                   | Very often       | 161                                  | 44  | 12,548         | 41  |                                      |       |                          |                                      | 201 | 36             | 18,607 | 43                                   |            |         |                          |
|  |                            | Total               |                  | 372                                  | 100 | 30,123         | 100 |                                      |       |                          |                                      | 550 | 100            | 43,100 | 100                                  |            |         |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          |              |                |  |
|--|----------------------------|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------|----------------|--|
|  |                            |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville | Carnegie Class |  |
|  |                            |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> |              |                |  |
| c. People with religious beliefs other than your own                                   | DDreligion                 | 1                   | Never            | 16                                   | 5   | 1,277          | 4   | <b>3.1</b>                           | 3.1            | .00                      | 29                                   | 5   | 1,893          | 4   | <b>3.0</b>                           | 3.1 *          | -0.10                    |              |                |  |
|  |                            | 2                   | Sometimes        | 82                                   | 22  | 6,477          | 22  |                                      |                |                          | 127                                  | 24  | 9,046          | 21  |                                      |                |                          |              |                |  |
|  |                            | 3                   | Often            | 112                                  | 30  | 9,232          | 31  |                                      |                |                          | 176                                  | 32  | 12,906         | 30  |                                      |                |                          |              |                |  |
|  |                            | 4                   | Very often       | 159                                  | 44  | 13,093         | 43  |                                      |                |                          | 218                                  | 39  | 19,116         | 44  |                                      |                |                          |              |                |  |
|  |                            | Total               |                  | 369                                  | 100 | 30,079         | 100 |                                      |                |                          | 550                                  | 100 | 42,961         | 100 |                                      |                |                          |              |                |  |
| d. People with political views other than your own                                     | DDpolitical                | 1                   | Never            | 11                                   | 4   | 1,472          | 5   | <b>3.1</b>                           | 3.1            | .07                      | 22                                   | 4   | 1,942          | 5   | <b>3.1</b>                           | 3.1            | .01                      |              |                |  |
|  |                            | 2                   | Sometimes        | 80                                   | 21  | 6,785          | 23  |                                      |                |                          | 111                                  | 20  | 9,363          | 22  |                                      |                |                          |              |                |  |
|  |                            | 3                   | Often            | 120                                  | 32  | 9,479          | 32  |                                      |                |                          | 188                                  | 35  | 13,336         | 31  |                                      |                |                          |              |                |  |
|  |                            | 4                   | Very often       | 158                                  | 43  | 12,214         | 41  |                                      |                |                          | 228                                  | 41  | 18,140         | 42  |                                      |                |                          |              |                |  |
|  |                            | Total               |                  | 369                                  | 100 | 29,950         | 100 |                                      |                |                          | 549                                  | 100 | 42,781         | 100 |                                      |                |                          |              |                |  |
| <b>9. During the current school year, about how often have you done the following?</b> |                            |                     |                  |                                      |     |                |     |                                      |                |                          |                                      |     |                |     |                                      |                |                          |              |                |  |
| a. Identified key information from reading assignments                                 | LSreading                  | 1                   | Never            | 8                                    | 2   | 487            | 2   | <b>3.1</b>                           | 3.1            | -.06                     | 14                                   | 3   | 977            | 2   | <b>3.2</b>                           | 3.2            | -.04                     |              |                |  |
|  |                            | 2                   | Sometimes        | 82                                   | 22  | 5,586          | 19  |                                      |                |                          | 92                                   | 17  | 7,290          | 17  |                                      |                |                          |              |                |  |
|  |                            | 3                   | Often            | 149                                  | 41  | 13,037         | 44  |                                      |                |                          | 227                                  | 42  | 16,528         | 39  |                                      |                |                          |              |                |  |
|  |                            | 4                   | Very often       | 132                                  | 34  | 10,924         | 35  |                                      |                |                          | 213                                  | 38  | 18,182         | 42  |                                      |                |                          |              |                |  |
|  |                            | Total               |                  | 371                                  | 100 | 30,034         | 100 |                                      |                |                          | 546                                  | 100 | 42,977         | 100 |                                      |                |                          |              |                |  |
| b. Reviewed your notes after class   | LSnotes                    | 1                   | Never            | 15                                   | 5   | 1,536          | 5   | <b>2.9</b>                           | 2.9            | .03                      | 49                                   | 9   | 3,635          | 9   | <b>2.7</b>                           | 2.8            | -.05                     |              |                |  |
|  |                            | 2                   | Sometimes        | 111                                  | 32  | 9,471          | 32  |                                      |                |                          | 190                                  | 35  | 13,890         | 33  |                                      |                |                          |              |                |  |
|  |                            | 3                   | Often            | 124                                  | 32  | 9,945          | 33  |                                      |                |                          | 162                                  | 30  | 12,678         | 30  |                                      |                |                          |              |                |  |
|  |                            | 4                   | Very often       | 121                                  | 31  | 8,984          | 29  |                                      |                |                          | 145                                  | 26  | 12,668         | 29  |                                      |                |                          |              |                |  |
|  |                            | Total               |                  | 371                                  | 100 | 29,936         | 100 |                                      |                |                          | 546                                  | 100 | 42,871         | 100 |                                      |                |                          |              |                |  |
| c. Summarized what you learned in class or from course materials                       | LSsummary                  | 1                   | Never            | 24                                   | 7   | 1,974          | 7   | <b>2.8</b>                           | 2.8            | .01                      | 44                                   | 8   | 3,272          | 8   | <b>2.8</b>                           | 2.8            | .05                      |              |                |  |
|  |                            | 2                   | Sometimes        | 115                                  | 32  | 9,476          | 33  |                                      |                |                          | 153                                  | 28  | 13,031         | 31  |                                      |                |                          |              |                |  |
|  |                            | 3                   | Often            | 127                                  | 35  | 10,517         | 35  |                                      |                |                          | 191                                  | 35  | 14,237         | 33  |                                      |                |                          |              |                |  |
|  |                            | 4                   | Very often       | 99                                   | 26  | 7,672          | 25  |                                      |                |                          | 159                                  | 29  | 11,895         | 27  |                                      |                |                          |              |                |  |
|  |                            | Total               |                  | 365                                  | 100 | 29,639         | 100 |                                      |                |                          | 547                                  | 100 | 42,435         | 100 |                                      |                |                          |              |                |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description  | Variable name <sup>c</sup>  | Values <sup>d</sup> | Response options    | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          |                          |
|--|---|---------------------|---------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------|
|  |   |                     |                     | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | Effect size <sup>e</sup> |
|  |   |                     |                     | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> |                          |
| <b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>                          |   |                     |                     |                                      |     |                |     |                                      |                |                          |                                      |     |                |     |                                      |                |                          |                          |
| a. Participate in an internship, co-op, field experience, student teaching, or clinical placement                              | intern<br><i>(Means indicate the percentage who responded "Done or in progress.")</i>   |                     | Have not decided    | 39                                   | 11  | 2,351          | 8   | <b>10%</b>                           | 9%             | .02                      | 39                                   | 8   | 2,679          | 6   | <b>52%</b>                           | 55%            | -.06                     |                          |
|  |   |                     | Do not plan to do   | 7                                    | 2   | 861            | 3   |                                      |                |                          | 96                                   | 18  | 6,762          | 16  |                                      |                |                          |                          |
|  |   |                     | Plan to do          | 287                                  | 77  | 23,933         | 79  |                                      |                |                          | 121                                  | 23  | 9,517          | 22  |                                      |                |                          |                          |
|  |   |                     | Done or in progress | 34                                   | 10  | 2,811          | 9   |                                      |                |                          | 282                                  | 52  | 23,884         | 55  |                                      |                |                          |                          |
|  |   |                     | Total               | 367                                  | 100 | 29,956         | 100 |                                      |                |                          | 538                                  | 100 | 42,842         | 100 |                                      |                |                          |                          |
| b. Hold a formal leadership role in a student organization or group  | leader<br><i>(Means indicate the percentage who responded "Done or in progress.")</i>   |                     | Have not decided    | 101                                  | 27  | 7,430          | 25  | <b>14%</b>                           | 13%            | .02                      | 46                                   | 9   | 3,532          | 8   | <b>37%</b>                           | 41%            | -.08                     |                          |
|  |   |                     | Do not plan to do   | 74                                   | 22  | 5,446          | 19  |                                      |                |                          | 257                                  | 48  | 18,519         | 44  |                                      |                |                          |                          |
|  |   |                     | Plan to do          | 137                                  | 37  | 13,041         | 42  |                                      |                |                          | 33                                   | 6   | 3,097          | 7   |                                      |                |                          |                          |
|  |   |                     | Done or in progress | 53                                   | 14  | 3,944          | 13  |                                      |                |                          | 203                                  | 37  | 17,603         | 41  |                                      |                |                          |                          |
|  |   |                     | Total               | 365                                  | 100 | 29,861         | 100 |                                      |                |                          | 539                                  | 100 | 42,751         | 100 |                                      |                |                          |                          |
| c. Participate in a learning community or some other formal program where groups of students take two or more classes together | learncom<br><i>(Means indicate the percentage who responded "Done or in progress.")</i> |                     | Have not decided    | 107                                  | 29  | 7,900          | 27  | <b>18%</b>                           | 19%            | -.04                     | 38                                   | 7   | 4,111          | 9   | <b>29%</b>                           | 26% *          | .09                      |                          |
|  |   |                     | Do not plan to do   | 130                                  | 37  | 9,046          | 31  |                                      |                |                          | 306                                  | 58  | 24,504         | 58  |                                      |                |                          |                          |
|  |   |                     | Plan to do          | 62                                   | 17  | 6,888          | 23  |                                      |                |                          | 32                                   | 6   | 3,133          | 7   |                                      |                |                          |                          |
|  |   |                     | Done or in progress | 65                                   | 18  | 5,977          | 19  |                                      |                |                          | 160                                  | 29  | 10,927         | 26  |                                      |                |                          |                          |
|  |   |                     | Total               | 364                                  | 100 | 29,811         | 100 |                                      |                |                          | 536                                  | 100 | 42,675         | 100 |                                      |                |                          |                          |
| d. Participate in a study abroad program   | abroad<br><i>(Means indicate the percentage who responded "Done or in progress.")</i>   |                     | Have not decided    | 93                                   | 26  | 7,381          | 25  | <b>5%</b>                            | 4%             | .03                      | 48                                   | 9   | 4,163          | 10  | <b>18%</b>                           | 18%            | -.01                     |                          |
|  |   |                     | Do not plan to do   | 61                                   | 18  | 6,244          | 22  |                                      |                |                          | 363                                  | 68  | 27,253         | 65  |                                      |                |                          |                          |
|  |   |                     | Plan to do          | 192                                  | 52  | 14,908         | 48  |                                      |                |                          | 30                                   | 6   | 3,256          | 8   |                                      |                |                          |                          |
|  |   |                     | Done or in progress | 19                                   | 5   | 1,266          | 4   |                                      |                |                          | 97                                   | 18  | 7,972          | 18  |                                      |                |                          |                          |
|  |   |                     | Total               | 365                                  | 100 | 29,799         | 100 |                                      |                |                          | 538                                  | 100 | 42,644         | 100 |                                      |                |                          |                          |
| e. Work with a faculty member on a research project  | research<br><i>(Means indicate the percentage who responded "Done or in progress.")</i> |                     | Have not decided    | 140                                  | 37  | 10,285         | 35  | <b>4%</b>                            | 6%             | -.09                     | 67                                   | 13  | 5,424          | 13  | <b>34%</b>                           | 29% **         | .12                      |                          |
|  |   |                     | Do not plan to do   | 78                                   | 21  | 5,751          | 19  |                                      |                |                          | 219                                  | 40  | 19,456         | 45  |                                      |                |                          |                          |
|  |   |                     | Plan to do          | 132                                  | 37  | 11,857         | 40  |                                      |                |                          | 69                                   | 13  | 5,474          | 13  |                                      |                |                          |                          |
|  |   |                     | Done or in progress | 15                                   | 4   | 1,767          | 6   |                                      |                |                          | 181                                  | 34  | 12,077         | 29  |                                      |                |                          |                          |
|  |   |                     | Total               | 365                                  | 100 | 29,660         | 100 |                                      |                |                          | 536                                  | 100 | 42,431         | 100 |                                      |                |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description   | Variable name <sup>c</sup>   | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |     |                |    | Statistical Comparisons <sup>b</sup> |                |                          |                          |
|---|--|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-----|----------------|----|--------------------------------------|----------------|--------------------------|--------------------------|
|   |  |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |     | Carnegie Class |    | UT Knoxville                         | Carnegie Class |                          | Effect size <sup>e</sup> |
|   |  |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %   | Count          | %  | Mean                                 | Mean           | Effect size <sup>e</sup> |                          |
| f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)  | (Means indicate the percentage who responded "Done or in progress.")                           |                     | Have not decided | 132                                  | 36  | 9,648          | 33  | <b>2%</b>                            | 3%             | -.07                     | 53                                   | 10  | 3,488          | 8  | <b>44%</b>                           | 43%            | .02                      |                          |
|   | Do not plan to do  | 37                  | 11               | 2,756                                | 10  | 158            | 29  |                                      |                |                          | 11,247                               | 26  |                |    |                                      |                |                          |                          |
|   | Plan to do   | 189                 | 52               | 16,492                               | 55  | 92             | 17  |                                      |                |                          | 9,425                                | 22  |                |    |                                      |                |                          |                          |
|   | Done or in progress  | 6                   | 2                | 780                                  | 3   | 236            | 44  |                                      |                |                          | 18,411                               | 43  |                |    |                                      |                |                          |                          |
|   | Total  | 364                 | 100              | 29,676                               | 100 | 539            | 100 |                                      |                |                          | 42,571                               | 100 |                |    |                                      |                |                          |                          |
| <b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>   |  |                     |                  |                                      |     |                |     |                                      |                |                          |                                      |     |                |    |                                      |                |                          |                          |
| a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)                                | (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)   |                     | 0 0 hrs          | 2                                    | 1   | 133            | 1   | <b>15.4</b>                          | 15.6           | -.02                     | 2                                    | 0   | 163            | 0  | <b>14.5</b>                          | 15.5 *         | -.11                     |                          |
|   | 3 1-5 hrs  | 32                  | 9                | 2,856                                | 11  | 75             | 15  |                                      |                |                          | 5,139                                | 13  |                |    |                                      |                |                          |                          |
|   | 8 6-10 hrs   | 73                  | 21               | 5,839                                | 21  | 126            | 24  |                                      |                |                          | 8,929                                | 22  |                |    |                                      |                |                          |                          |
|   | 13 11-15 hrs   | 75                  | 21               | 6,055                                | 22  | 96             | 19  |                                      |                |                          | 7,969                                | 20  |                |    |                                      |                |                          |                          |
|   | 18 16-20 hrs   | 73                  | 22               | 5,329                                | 19  | 85             | 17  |                                      |                |                          | 6,928                                | 17  |                |    |                                      |                |                          |                          |
|   | 23 21-25 hrs   | 41                  | 12               | 3,520                                | 12  | 61             | 12  |                                      |                |                          | 4,574                                | 11  |                |    |                                      |                |                          |                          |
|   | 28 26-30 hrs   | 23                  | 7                | 1,973                                | 7   | 18             | 3   |                                      |                |                          | 2,770                                | 7   |                |    |                                      |                |                          |                          |
|   | 33 More than 30 hrs  | 18                  | 6                | 2,161                                | 8   | 41             | 8   |                                      |                |                          | 3,869                                | 10  |                |    |                                      |                |                          |                          |
|   | Total  | 337                 | 100              | 27,866                               | 100 | 504            | 100 | 40,341                               | 100            |                          |                                      |     |                |    |                                      |                |                          |                          |
| b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) | (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.) |                     | 0 0 hrs          | 92                                   | 27  | 6,770          | 25  | <b>6.3</b>                           | 5.9            | .06                      | 204                                  | 41  | 14,281         | 36 | <b>4.6</b>                           | 5.3 *          | -.10                     |                          |
|   | 3 1-5 hrs  | 107                 | 30               | 10,373                               | 37  | 160            | 32  |                                      |                |                          | 12,883                               | 32  |                |    |                                      |                |                          |                          |
|   | 8 6-10 hrs   | 68                  | 20               | 5,249                                | 19  | 65             | 13  |                                      |                |                          | 6,085                                | 15  |                |    |                                      |                |                          |                          |
|   | 13 11-15 hrs   | 38                  | 12               | 2,639                                | 9   | 32             | 6   |                                      |                |                          | 3,182                                | 8   |                |    |                                      |                |                          |                          |
|   | 18 16-20 hrs   | 19                  | 6                | 1,459                                | 5   | 25             | 5   |                                      |                |                          | 1,865                                | 5   |                |    |                                      |                |                          |                          |
|   | 23 21-25 hrs   | 7                   | 2                | 660                                  | 2   | 9              | 2   |                                      |                |                          | 879                                  | 2   |                |    |                                      |                |                          |                          |
|   | 28 26-30 hrs   | 1                   | 0                | 237                                  | 1   | 2              | 0   |                                      |                |                          | 389                                  | 1   |                |    |                                      |                |                          |                          |
|   | 33 More than 30 hrs  | 5                   | 2                | 316                                  | 1   | 6              | 1   |                                      |                |                          | 550                                  | 1   |                |    |                                      |                |                          |                          |
|   | Total  | 337                 | 100              | 27,703                               | 100 | 503            | 100 | 40,114                               | 100            |                          |                                      |     |                |    |                                      |                |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description                  | Variable name <sup>c</sup>  | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |       |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |       |                |    | Statistical Comparisons <sup>b</sup> |                |                          |                          |
|--|---|---------------------|------------------|--------------------------------------|-------|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-------|----------------|----|--------------------------------------|----------------|--------------------------|--------------------------|
|  |   |                     |                  | UT Knoxville                         |       | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |       | Carnegie Class |    | UT Knoxville                         | Carnegie Class |                          | Effect size <sup>e</sup> |
|  |   |                     |                  | Count                                | %     | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %     | Count          | %  | Mean                                 | Mean           | Effect size <sup>e</sup> |                          |
| c. Working for pay on campus                 | tmworkonhrs   | 0                   | 0 hrs            | 289                                  | 85    | 21,954         | 79  | <b>2.0</b>                           | 2.4            | -.08                     | 355                                  | 71    | 27,161         | 68 | <b>4.0</b>                           | 4.3            | -.04                     |                          |
|  | (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)  | 3                   | 1-5 hrs          | 8                                    | 2     | 967            | 3   |                                      |                |                          | 19                                   | 4     | 1,788          | 4  |                                      |                |                          |                          |
|  | 8   | 6-10 hrs            | 14               | 4                                    | 2,088 | 7              | 45  |                                      |                |                          | 9                                    | 3,646 | 9              |    |                                      |                |                          |                          |
|  | 13  | 11-15 hrs           | 12               | 4                                    | 1,528 | 6              | 31  |                                      |                |                          | 6                                    | 3,111 | 8              |    |                                      |                |                          |                          |
|  | 18  | 16-20 hrs           | 10               | 3                                    | 817   | 3              | 26  |                                      |                |                          | 5                                    | 2,620 | 7              |    |                                      |                |                          |                          |
|  | 23  | 21-25 hrs           | 2                | 1                                    | 256   | 1              | 9   |                                      |                |                          | 2                                    | 884   | 2              |    |                                      |                |                          |                          |
|  | 28  | 26-30 hrs           | 0                | 0                                    | 78    | 0              | 5   |                                      |                |                          | 1                                    | 415   | 1              |    |                                      |                |                          |                          |
|  | 33  | More than 30 hrs    | 4                | 1                                    | 121   | 1              | 10  |                                      |                |                          | 2                                    | 529   | 1              |    |                                      |                |                          |                          |
|  | Total   |                     |                  | 339                                  | 100   | 27,809         | 100 | 500                                  | 100            | 40,154                   | 100                                  |       |                |    |                                      |                |                          |                          |
| d. Working for pay off campus                | tmworkoffhrs  | 0                   | 0 hrs            | 250                                  | 75    | 21,691         | 78  | <b>4.0</b>                           | 3.0 *          | .13                      | 235                                  | 48    | 20,639         | 52 | <b>10.3</b>                          | 9.1 *          | .10                      |                          |
|  | (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 11                                   | 3     | 1,229          | 5   |                                      |                |                          | 22                                   | 4     | 2,086          | 5  |                                      |                |                          |                          |
|  | 8   | 6-10 hrs            | 21               | 6                                    | 1,207 | 4              | 36  |                                      |                |                          | 7                                    | 2,597 | 6              |    |                                      |                |                          |                          |
|  | 13  | 11-15 hrs           | 14               | 4                                    | 1,131 | 4              | 35  |                                      |                |                          | 7                                    | 2,779 | 7              |    |                                      |                |                          |                          |
|  | 18  | 16-20 hrs           | 18               | 5                                    | 1,073 | 4              | 59  |                                      |                |                          | 12                                   | 3,364 | 8              |    |                                      |                |                          |                          |
|  | 23  | 21-25 hrs           | 9                | 2                                    | 633   | 2              | 31  |                                      |                |                          | 6                                    | 2,463 | 6              |    |                                      |                |                          |                          |
|  | 28  | 26-30 hrs           | 7                | 2                                    | 317   | 1              | 22  |                                      |                |                          | 4                                    | 1,727 | 4              |    |                                      |                |                          |                          |
|  | 33  | More than 30 hrs    | 9                | 3                                    | 377   | 1              | 61  |                                      |                |                          | 12                                   | 4,295 | 11             |    |                                      |                |                          |                          |
|  | Total   |                     |                  | 339                                  | 100   | 27,658         | 100 | 501                                  | 100            | 39,950                   | 100                                  |       |                |    |                                      |                |                          |                          |
| Estimated number of hours working for pay    | tmworkhrs   |                     |                  |                                      |       |                |     | <b>6.0</b>                           | 5.4            | .06                      |                                      |       |                |    | <b>14.2</b>                          | 13.2           | .08                      |                          |
|  | (Continuous variable created by NSSE)   |                     |                  |                                      |       |                |     |                                      |                |                          |                                      |       |                |    |                                      |                |                          |                          |
| e. Doing community service or volunteer work | tmservicehrs  | 0                   | 0 hrs            | 183                                  | 55    | 15,317         | 56  | <b>2.3</b>                           | 2.3            | -.01                     | 245                                  | 51    | 19,987         | 51 | <b>2.9</b>                           | 2.8            | .02                      |                          |
|  | (Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 124                                  | 36    | 9,168          | 33  |                                      |                |                          | 172                                  | 34    | 14,124         | 35 |                                      |                |                          |                          |
|  | 8   | 6-10 hrs            | 11               | 4                                    | 1,555 | 6              | 48  |                                      |                |                          | 9                                    | 3,064 | 7              |    |                                      |                |                          |                          |
|  | 13  | 11-15 hrs           | 7                | 2                                    | 707   | 3              | 14  |                                      |                |                          | 3                                    | 1,268 | 3              |    |                                      |                |                          |                          |
|  | 18  | 16-20 hrs           | 6                | 2                                    | 389   | 1              | 5   |                                      |                |                          | 1                                    | 731   | 2              |    |                                      |                |                          |                          |
|  | 23  | 21-25 hrs           | 1                | 0                                    | 184   | 1              | 2   |                                      |                |                          | 0                                    | 335   | 1              |    |                                      |                |                          |                          |
|  | 28  | 26-30 hrs           | 0                | 0                                    | 64    | 0              | 1   |                                      |                |                          | 0                                    | 139   | 0              |    |                                      |                |                          |                          |
|  | 33  | More than 30 hrs    | 2                | 1                                    | 73    | 0              | 7   |                                      |                |                          | 2                                    | 232   | 1              |    |                                      |                |                          |                          |
|  | Total   |                     |                  | 334                                  | 100   | 27,457         | 100 | 494                                  | 100            | 39,880                   | 100                                  |       |                |    |                                      |                |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description  | Variable name <sup>c</sup>  | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |    |                |    | Statistical Comparisons <sup>b</sup> |                |                          |                          |
|--|---|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|----|----------------|----|--------------------------------------|----------------|--------------------------|--------------------------|
|  |   |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |    | Carnegie Class |    | UT Knoxville                         | Carnegie Class |                          | Effect size <sup>e</sup> |
|  |   |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %  | Count          | %  | Mean                                 | Mean           | Effect size <sup>e</sup> |                          |
| f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | <i>(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>   | 0                   | 0 hrs            | 6                                    | 2   | 294            | 1   | <b>12.2</b>                          | 13.5 **        | -.14                     | 14                                   | 3  | 722            | 2  | <b>11.7</b>                          | 12.2           | -.06                     |                          |
|  |   | 3                   | 1-5 hrs          | 83                                   | 24  | 4,481          | 16  |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 8                   | 6-10 hrs         | 73                                   | 20  | 7,427          | 27  |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 13                  | 11-15 hrs        | 89                                   | 27  | 6,062          | 22  |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 18                  | 16-20 hrs        | 39                                   | 12  | 4,189          | 15  |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 23                  | 21-25 hrs        | 12                                   | 4   | 2,262          | 8   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 28                  | 26-30 hrs        | 19                                   | 6   | 1,037          | 4   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 33                  | More than 30 hrs | 15                                   | 4   | 1,844          | 7   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
| Total  |   |                     |                  | 336                                  | 100 | 27,596         | 100 | 498                                  | 100            | 39,995                   | 100                                  |    |                |    |                                      |                |                          |                          |
| g. Providing care for dependents (children, parents, etc.)   | <i>(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>    | 0                   | 0 hrs            | 278                                  | 84  | 22,924         | 83  | <b>1.9</b>                           | 1.6            | .05                      | 367                                  | 75 | 29,894         | 75 | <b>3.8</b>                           | 3.6            | .02                      |                          |
|  |   | 3                   | 1-5 hrs          | 22                                   | 6   | 2,221          | 8   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 8                   | 6-10 hrs         | 11                                   | 3   | 917            | 3   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 13                  | 11-15 hrs        | 9                                    | 3   | 591            | 2   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 18                  | 16-20 hrs        | 6                                    | 2   | 394            | 1   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 23                  | 21-25 hrs        | 1                                    | 0   | 186            | 1   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 28                  | 26-30 hrs        | 0                                    | 0   | 102            | 0   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 33                  | More than 30 hrs | 7                                    | 2   | 192            | 1   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
| Total  |   |                     |                  | 334                                  | 100 | 27,527         | 100 | 495                                  | 100            | 39,933                   | 100                                  |    |                |    |                                      |                |                          |                          |
| h. Commuting to campus (driving, walking, etc.)  | <i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i> | 0                   | 0 hrs            | 135                                  | 40  | 10,514         | 37  | <b>3.4</b>                           | 3.6            | -.04                     | 35                                   | 7  | 5,357          | 13 | <b>4.7</b>                           | 4.7            | .01                      |                          |
|  |   | 3                   | 1-5 hrs          | 135                                  | 42  | 11,610         | 42  |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 8                   | 6-10 hrs         | 37                                   | 11  | 3,392          | 12  |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 13                  | 11-15 hrs        | 15                                   | 4   | 1,134          | 4   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 18                  | 16-20 hrs        | 6                                    | 2   | 493            | 2   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 23                  | 21-25 hrs        | 1                                    | 0   | 239            | 1   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 28                  | 26-30 hrs        | 0                                    | 0   | 100            | 0   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
|  |   | 33                  | More than 30 hrs | 3                                    | 1   | 172            | 1   |                                      |                |                          |                                      |    |                |    |                                      |                |                          |                          |
| Total  |   |                     |                  | 332                                  | 100 | 27,654         | 100 | 501                                  | 100            | 40,118                   | 100                                  |    |                |    |                                      |                |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording or description  | Variable name <sup>c</sup>   | Values <sup>d</sup> | Response options   | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |                |                          |                          |  |
|--|--|---------------------|--|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|----------------|--------------------------|--------------------------|--|
|  |  |                     |  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         | Carnegie Class |                          | Effect size <sup>e</sup> |  |
|  |  |                     |  | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> | Count                                | %   | Count          | %   | Mean                                 | Mean           | Effect size <sup>e</sup> |                          |  |
| <b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b> |  |                     |  |                                      |     |                |     |                                      |                |                          |                                      |     |                |     |                                      |                |                          |                          |  |
|  | reading  | 1                   | Very little  | 53                                   | 17  | 2,348          | 15  | <b>2.5</b>                           | 2.7            | -.11                     | 75                                   | 15  | 4,032          | 18  | <b>2.8</b>                           | 2.7            | .06                      |                          |  |
|  | (Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.) | 2                   | Some   | 119                                  | 36  | 5,920          | 36  |                                      |                |                          | 153                                  | 31  | 6,679          | 29  |                                      |                |                          |                          |  |
|  |  | 3                   | About half   | 99                                   | 29  | 4,569          | 26  |                                      |                |                          | 108                                  | 21  | 5,587          | 23  |                                      |                |                          |                          |  |
|  |  | 4                   | Most   | 46                                   | 13  | 3,060          | 17  |                                      |                |                          | 106                                  | 21  | 5,110          | 21  |                                      |                |                          |                          |  |
|  |  | 5                   | Almost all   | 18                                   | 5   | 1,232          | 7   |                                      |                |                          | 56                                   | 11  | 2,274          | 9   |                                      |                |                          |                          |  |
|  |  |                     | Total  | 335                                  | 100 | 17,129         | 100 | 498                                  | 100            | 23,682                   | 100                                  |     |                |     |                                      |                |                          |                          |  |
|  | tmreadinghrs   |                     | (Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90) |                                      |     |                |     | <b>6.0</b>                           | 6.7 *          | -.11                     |                                      |     |                |     | <b>6.7</b>                           | 6.7            | .00                      |                          |  |
|  | tmreadinghrscol  | 1                   | 0 hrs  | 2                                    | 1   | 83             | 1   |                                      |                |                          | 2                                    | 0   | 106            | 0   |                                      |                |                          |                          |  |
|  | (Collapsed version of tmreadinghrs created by NSSE.)                                     | 2                   | More than zero, up to 5 hrs  | 171                                  | 53  | 8,244          | 50  |                                      |                |                          | 242                                  | 49  | 11,505         | 51  |                                      |                |                          |                          |  |
|  |  | 3                   | More than 5, up to 10 hrs  | 105                                  | 31  | 5,118          | 30  |                                      |                |                          | 152                                  | 31  | 6,944          | 29  |                                      |                |                          |                          |  |
|  |  | 4                   | More than 10, up to 15 hrs   | 29                                   | 8   | 1,738          | 9   |                                      |                |                          | 43                                   | 8   | 2,220          | 9   |                                      |                |                          |                          |  |
|  |  | 5                   | More than 15, up to 20 hrs   | 18                                   | 5   | 1,001          | 5   |                                      |                |                          | 30                                   | 6   | 1,421          | 6   |                                      |                |                          |                          |  |
|  |  | 6                   | More than 20, up to 25 hrs   | 3                                    | 1   | 606            | 3   |                                      |                |                          | 16                                   | 3   | 975            | 4   |                                      |                |                          |                          |  |
|  |  | 7                   | More than 25 hrs   | 3                                    | 1   | 247            | 1   |                                      |                |                          | 10                                   | 2   | 380            | 2   |                                      |                |                          |                          |  |
|  |  |                     | Total  | 331                                  | 100 | 17,037         | 100 |                                      |                |                          | 495                                  | 100 | 23,551         | 100 |                                      |                |                          |                          |  |
| <b>18. How would you evaluate your entire educational experience at this institution?</b>                            |  |                     |  |                                      |     |                |     |                                      |                |                          |                                      |     |                |     |                                      |                |                          |                          |  |
|  | evalexp  | 1                   | Poor   | 11                                   | 4   | 387            | 2   | <b>3.1</b>                           | 3.3 ***        | -.19                     | 21                                   | 4   | 807            | 2   | <b>3.1</b>                           | 3.3 ***        | -.25                     |                          |  |
|  |  | 2                   | Fair   | 44                                   | 14  | 2,725          | 10  |                                      |                |                          | 71                                   | 15  | 4,071          | 10  |                                      |                |                          |                          |  |
|  |  | 3                   | Good   | 167                                  | 48  | 13,418         | 48  |                                      |                |                          | 240                                  | 48  | 18,183         | 44  |                                      |                |                          |                          |  |
|  |  | 4                   | Excellent  | 113                                  | 34  | 11,263         | 40  |                                      |                |                          | 168                                  | 33  | 17,243         | 43  |                                      |                |                          |                          |  |
|  |  |                     | Total  | 335                                  | 100 | 27,793         | 100 |                                      |                |                          | 500                                  | 100 | 40,304         | 100 |                                      |                |                          |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students Do

### First-Year Students

### Seniors

| Item wording<br>or description   | Variable<br>name <sup>c</sup> | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |      |                             | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |         |                |                             |
|--|-------------------------------|---------------------|------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|------|-----------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|---------|----------------|-----------------------------|
|  |                               |                     |                  | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |      | Effect<br>size <sup>e</sup> | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |         | Carnegie Class | Effect<br>size <sup>e</sup> |
|  |                               |                     |                  | Count                                | %   | Count          | %   | Mean                                 | Mean |                             | Count                                | %   | Count          | %   | Mean                                 | Mean    |                |                             |
| 19. If you could start over again, would you go to the same institution you are now attending? |                               |                     |                  |                                      |     |                |     |                                      |      |                             |                                      |     |                |     |                                      |         |                |                             |
|  | sameinst                      | 1                   | Definitely no    | 10                                   | 3   | 681            | 3   | 3.3                                  | 3.3  | -.01                        | 34                                   | 7   | 1,431          | 4   | 3.1                                  | 3.3 *** | -.24           |                             |
|  |                               | 2                   | Probably no      | 35                                   | 11  | 2,816          | 10  |                                      |      |                             | 63                                   | 13  | 4,397          | 11  |                                      |         |                |                             |
|  |                               | 3                   | Probably yes     | 126                                  | 38  | 11,045         | 39  |                                      |      |                             | 217                                  | 43  | 15,172         | 37  |                                      |         |                |                             |
|  |                               | 4                   | Definitely yes   | 164                                  | 49  | 13,265         | 48  |                                      |      |                             | 189                                  | 37  | 19,318         | 48  |                                      |         |                |                             |
|  |                               |                     | Total            | 335                                  | 100 | 27,807         | 100 |                                      |      |                             | 503                                  | 100 | 40,318         | 100 |                                      |         |                |                             |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

## Appendix A

NSSE Items relating to

# “What Institutions Do”

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Item wording or description  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | UT Knoxville |     | Carnegie Class |     | Mean       | Mean | Effect size <sup>e</sup> | UT Knoxville |     | Carnegie Class |     | Mean       | Mean | Effect size <sup>e</sup> |
|--|----------------------------|---------------------|------------------|--------------|-----|----------------|-----|------------|------|--------------------------|--------------|-----|----------------|-----|------------|------|--------------------------|
|  |                            |                     |                  | Count        | %   | Count          | %   |            |      |                          | Count        | %   | Count          | %   |            |      |                          |
| <b>4. During the current school year, how much has your coursework emphasized the following?</b> |                            |                     |                  |              |     |                |     |            |      |                          |              |     |                |     |            |      |                          |
| a. Memorizing course material  | memorize                   | 1                   | Very little      | 13           | 3   | 1,090          | 3   | <b>3.0</b> | 3.0  | -.02                     | 30           | 5   | 3,558          | 8   | <b>2.8</b> | 2.8  | .02                      |
|  |                            | 2                   | Some             | 106          | 26  | 7,617          | 24  |            |      |                          | 192          | 32  | 13,433         | 30  |            |      |                          |
|  |                            | 3                   | Quite a bit      | 177          | 42  | 14,012         | 43  |            |      |                          | 235          | 40  | 17,289         | 38  |            |      |                          |
|  |                            | 4                   | Very much        | 126          | 29  | 9,720          | 29  |            |      |                          | 141          | 23  | 11,529         | 25  |            |      |                          |
|  |                            | Total               |                  | 422          | 100 | 32,439         | 100 |            |      |                          | 598          | 100 | 45,809         | 100 |            |      |                          |
| b. Applying facts, theories, or methods to practical problems or new situations                  | HOapply                    | 1                   | Very little      | 15           | 4   | 974            | 3   | <b>3.1</b> | 3.0  | .01                      | 21           | 4   | 1,319          | 3   | <b>3.1</b> | 3.1  | -.03                     |
|  |                            | 2                   | Some             | 84           | 20  | 6,735          | 21  |            |      |                          | 114          | 19  | 8,231          | 18  |            |      |                          |
|  |                            | 3                   | Quite a bit      | 183          | 43  | 14,272         | 44  |            |      |                          | 241          | 41  | 19,292         | 42  |            |      |                          |
|  |                            | 4                   | Very much        | 135          | 33  | 10,321         | 32  |            |      |                          | 219          | 36  | 16,784         | 37  |            |      |                          |
|  |                            | Total               |                  | 417          | 100 | 32,302         | 100 |            |      |                          | 595          | 100 | 45,626         | 100 |            |      |                          |
| c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts           | HOanalyze                  | 1                   | Very little      | 20           | 5   | 1,171          | 4   | <b>3.0</b> | 3.0  | .00                      | 28           | 5   | 1,829          | 4   | <b>3.0</b> | 3.1  | -.02                     |
|  |                            | 2                   | Some             | 85           | 21  | 7,611          | 24  |            |      |                          | 128          | 21  | 9,355          | 21  |            |      |                          |
|  |                            | 3                   | Quite a bit      | 191          | 44  | 13,749         | 43  |            |      |                          | 231          | 39  | 18,118         | 40  |            |      |                          |
|  |                            | 4                   | Very much        | 121          | 29  | 9,652          | 30  |            |      |                          | 208          | 35  | 16,179         | 35  |            |      |                          |
|  |                            | Total               |                  | 417          | 100 | 32,183         | 100 |            |      |                          | 595          | 100 | 45,481         | 100 |            |      |                          |
| d. Evaluating a point of view, decision, or information source                                   | HOevaluate                 | 1                   | Very little      | 20           | 6   | 1,759          | 6   | <b>2.9</b> | 2.8  | .04                      | 57           | 10  | 3,339          | 8   | <b>2.8</b> | 2.8  | -.04                     |
|  |                            | 2                   | Some             | 111          | 28  | 9,025          | 29  |            |      |                          | 157          | 27  | 12,234         | 28  |            |      |                          |
|  |                            | 3                   | Quite a bit      | 174          | 41  | 13,488         | 42  |            |      |                          | 215          | 36  | 17,251         | 37  |            |      |                          |
|  |                            | 4                   | Very much        | 109          | 26  | 7,918          | 24  |            |      |                          | 163          | 27  | 12,675         | 27  |            |      |                          |
|  |                            | Total               |                  | 414          | 100 | 32,190         | 100 |            |      |                          | 592          | 100 | 45,499         | 100 |            |      |                          |
| e. Forming a new idea or understanding from various pieces of information                        | HOform                     | 1                   | Very little      | 22           | 6   | 1,768          | 6   | <b>2.9</b> | 2.8  | .05                      | 39           | 7   | 2,671          | 6   | <b>2.9</b> | 2.9  | -.01                     |
|  |                            | 2                   | Some             | 95           | 24  | 9,040          | 29  |            |      |                          | 155          | 26  | 11,676         | 26  |            |      |                          |
|  |                            | 3                   | Quite a bit      | 183          | 44  | 13,253         | 41  |            |      |                          | 229          | 39  | 17,998         | 39  |            |      |                          |
|  |                            | 4                   | Very much        | 104          | 25  | 8,048          | 24  |            |      |                          | 169          | 28  | 13,042         | 28  |            |      |                          |
|  |                            | Total               |                  | 404          | 100 | 32,109         | 100 |            |      |                          | 592          | 100 | 45,387         | 100 |            |      |                          |

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Item wording or description  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Frequency Distributions <sup>a</sup> |     |        |     | Statistical Comparisons <sup>b</sup> |        |                          | Frequency Distributions <sup>a</sup> |     |        |     | Statistical Comparisons <sup>b</sup> |      |                          |
|--|----------------------------|---------------------|------------------|--------------------------------------|-----|--------|-----|--------------------------------------|--------|--------------------------|--------------------------------------|-----|--------|-----|--------------------------------------|------|--------------------------|
|  |                            |                     |                  | Count                                | %   | Count  | %   | Mean                                 | Mean   | Effect size <sup>e</sup> | Count                                | %   | Count  | %   | Mean                                 | Mean | Effect size <sup>e</sup> |
| <b>5. During the current school year, to what extent have your instructors done the following?</b> |                            |                     |                  |                                      |     |        |     |                                      |        |                          |                                      |     |        |     |                                      |      |                          |
| a. Clearly explained course goals and requirements   | ETgoals                    | 1                   | Very little      | 14                                   | 4   | 517    | 2   | <b>3.1</b>                           | 3.1    | -.06                     | 14                                   | 2   | 817    | 2   | <b>3.1</b>                           | 3.2  | -.03                     |
|  |                            | 2                   | Some             | 67                                   | 17  | 5,752  | 18  |                                      |        |                          | 100                                  | 17  | 7,569  | 17  |                                      |      |                          |
|  |                            | 3                   | Quite a bit      | 200                                  | 48  | 15,245 | 47  |                                      |        |                          | 264                                  | 45  | 20,700 | 45  |                                      |      |                          |
|  |                            | 4                   | Very much        | 129                                  | 31  | 10,864 | 33  |                                      |        |                          | 217                                  | 36  | 16,710 | 36  |                                      |      |                          |
|  |                            | Total               |                  | 410                                  | 100 | 32,378 | 100 |                                      |        |                          | 595                                  | 100 | 45,796 | 100 |                                      |      |                          |
| b. Taught course sessions in an organized way  | ETorganize                 | 1                   | Very little      | 11                                   | 3   | 616    | 2   | <b>3.1</b>                           | 3.1    | -.01                     | 11                                   | 2   | 948    | 2   | <b>3.1</b>                           | 3.1  | -.03                     |
|  |                            | 2                   | Some             | 68                                   | 16  | 6,027  | 18  |                                      |        |                          | 116                                  | 20  | 8,125  | 18  |                                      |      |                          |
|  |                            | 3                   | Quite a bit      | 209                                  | 52  | 15,646 | 48  |                                      |        |                          | 267                                  | 45  | 21,518 | 47  |                                      |      |                          |
|  |                            | 4                   | Very much        | 120                                  | 29  | 9,987  | 31  |                                      |        |                          | 199                                  | 33  | 15,064 | 33  |                                      |      |                          |
|  |                            | Total               |                  | 408                                  | 100 | 32,276 | 100 |                                      |        |                          | 593                                  | 100 | 45,655 | 100 |                                      |      |                          |
| c. Used examples or illustrations to explain difficult points                                      | ETexample                  | 1                   | Very little      | 15                                   | 4   | 762    | 3   | <b>3.1</b>                           | 3.1    | -.04                     | 18                                   | 3   | 1,187  | 3   | <b>3.1</b>                           | 3.1  | -.01                     |
|  |                            | 2                   | Some             | 87                                   | 22  | 6,512  | 20  |                                      |        |                          | 97                                   | 17  | 8,176  | 18  |                                      |      |                          |
|  |                            | 3                   | Quite a bit      | 164                                  | 39  | 14,016 | 43  |                                      |        |                          | 257                                  | 44  | 19,149 | 42  |                                      |      |                          |
|  |                            | 4                   | Very much        | 141                                  | 35  | 10,887 | 34  |                                      |        |                          | 219                                  | 36  | 17,048 | 37  |                                      |      |                          |
|  |                            | Total               |                  | 407                                  | 100 | 32,177 | 100 |                                      |        |                          | 591                                  | 100 | 45,560 | 100 |                                      |      |                          |
| d. Provided feedback on a draft or work in progress  | ETdraftfb                  | 1                   | Very little      | 32                                   | 8   | 3,276  | 11  | <b>2.8</b>                           | 2.7 ** | .13                      | 79                                   | 14  | 6,009  | 14  | <b>2.7</b>                           | 2.6  | .05                      |
|  |                            | 2                   | Some             | 129                                  | 31  | 10,271 | 32  |                                      |        |                          | 174                                  | 30  | 14,621 | 32  |                                      |      |                          |
|  |                            | 3                   | Quite a bit      | 132                                  | 32  | 11,337 | 35  |                                      |        |                          | 187                                  | 31  | 14,579 | 32  |                                      |      |                          |
|  |                            | 4                   | Very much        | 114                                  | 29  | 7,315  | 22  |                                      |        |                          | 150                                  | 25  | 10,322 | 23  |                                      |      |                          |
|  |                            | Total               |                  | 407                                  | 100 | 32,199 | 100 |                                      |        |                          | 590                                  | 100 | 45,531 | 100 |                                      |      |                          |
| e. Provided prompt and detailed feedback on tests or completed assignments                         | ETfeedback                 | 1                   | Very little      | 37                                   | 9   | 3,341  | 10  | <b>2.7</b>                           | 2.6    | .04                      | 49                                   | 8   | 3,723  | 8   | <b>2.8</b>                           | 2.8  | -.01                     |
|  |                            | 2                   | Some             | 141                                  | 34  | 10,925 | 34  |                                      |        |                          | 178                                  | 31  | 13,926 | 31  |                                      |      |                          |
|  |                            | 3                   | Quite a bit      | 141                                  | 36  | 11,714 | 37  |                                      |        |                          | 225                                  | 39  | 17,290 | 38  |                                      |      |                          |
|  |                            | 4                   | Very much        | 82                                   | 21  | 6,064  | 19  |                                      |        |                          | 135                                  | 22  | 10,439 | 23  |                                      |      |                          |
|  |                            | Total               |                  | 401                                  | 100 | 32,044 | 100 |                                      |        |                          | 587                                  | 100 | 45,378 | 100 |                                      |      |                          |

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |  |                |  | Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |  |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|--|----------------|--|--------------------------------------|--|----------------|--|--------------------------------------|--|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         |  | Carnegie Class |  |

| Item wording or description   | Variable name <sup>c</sup>  | Values <sup>d</sup> | Response options | Count | %   | Count  | %   | Mean        | Mean     | Effect size <sup>e</sup> | Count | %   | Count  | %   | Mean        | Mean   | Effect size <sup>e</sup> |     |    |        |    |  |  |
|---|---|---------------------|------------------|-------|-----|--------|-----|-------------|----------|--------------------------|-------|-----|--------|-----|-------------|--------|--------------------------|-----|----|--------|----|--|--|
| <b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b> |   |                     |                  |       |     |        |     |             |          |                          |       |     |        |     |             |        |                          |     |    |        |    |  |  |
| a. Up to 5 pages  | wrshortnum  | 0                   | None             | 22    | 6   | 1,488  | 5   | <b>5.9</b>  | 6.4      | -.08                     | 28    | 5   | 2,838  | 7   | <b>8.0</b>  | 7.2 ** | .12                      |     |    |        |    |  |  |
|   | (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)  | 1.5                 | 1-2              | 77    | 21  | 6,076  | 21  |             |          |                          | 99    | 19  | 8,559  | 20  |             |        |                          | 126 | 24 | 11,464 | 27 |  |  |
|   |   | 4                   | 3-5              | 127   | 35  | 9,888  | 33  |             |          |                          | 135   | 25  | 8,921  | 21  |             |        |                          | 65  | 12 | 4,547  | 11 |  |  |
|   |   | 8                   | 6-10             | 96    | 25  | 7,132  | 24  |             |          |                          | 135   | 25  | 8,921  | 21  |             |        |                          | 65  | 12 | 4,547  | 11 |  |  |
|   |   | 13                  | 11-15            | 26    | 7   | 2,802  | 9   |             |          |                          | 65    | 12  | 4,547  | 11  |             |        |                          | 65  | 12 | 4,547  | 11 |  |  |
|   |   | 18                  | 16-20            | 10    | 2   | 1,172  | 4   |             |          |                          | 36    | 7   | 2,465  | 6   |             |        |                          | 48  | 9  | 3,228  | 7  |  |  |
|   |   | 23                  | More than 20     | 14    | 4   | 1,184  | 4   |             |          |                          | 48    | 9   | 3,228  | 7   |             |        |                          | 48  | 9  | 3,228  | 7  |  |  |
|   |   |                     | Total            | 372   | 100 | 29,742 | 100 |             |          |                          | 537   | 100 | 42,022 | 100 |             |        |                          |     |    |        |    |  |  |
| b. Between 6 and 10 pages   | wrmednum  | 0                   | None             | 152   | 41  | 9,080  | 32  | <b>1.7</b>  | 2.1 **   | -.15                     | 128   | 24  | 9,844  | 24  | <b>3.1</b>  | 3.1    | .01                      |     |    |        |    |  |  |
|   | (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)  | 1.5                 | 1-2              | 141   | 40  | 12,352 | 42  |             |          |                          | 192   | 37  | 15,175 | 37  |             |        |                          | 125 | 24 | 10,076 | 24 |  |  |
|   |   | 4                   | 3-5              | 48    | 13  | 5,371  | 18  |             |          |                          | 125   | 24  | 10,076 | 24  |             |        |                          | 125 | 24 | 10,076 | 24 |  |  |
|   |   | 8                   | 6-10             | 14    | 4   | 1,621  | 5   |             |          |                          | 57    | 11  | 4,185  | 10  |             |        |                          | 57  | 11 | 4,185  | 10 |  |  |
|   |   | 13                  | 11-15            | 3     | 1   | 356    | 1   |             |          |                          | 15    | 3   | 1,209  | 3   |             |        |                          | 15  | 3  | 1,209  | 3  |  |  |
|   |   | 18                  | 16-20            | 2     | 0   | 118    | 0   |             |          |                          | 5     | 1   | 459    | 1   |             |        |                          | 5   | 1  | 459    | 1  |  |  |
|   |   | 23                  | More than 20     | 1     | 0   | 106    | 0   |             |          |                          | 6     | 1   | 354    | 1   |             |        |                          | 6   | 1  | 354    | 1  |  |  |
|   |   |                     | Total            | 361   | 100 | 29,004 | 100 |             |          |                          | 528   | 100 | 41,302 | 100 |             |        |                          |     |    |        |    |  |  |
| c. 11 pages or more   | wrlongnum   | 0                   | None             | 295   | 85  | 21,308 | 77  | <b>.4</b>   | .8 ***   | -.17                     | 223   | 43  | 18,550 | 46  | <b>1.8</b>  | 1.8    | .00                      |     |    |        |    |  |  |
|   | (Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)   | 1.5                 | 1-2              | 43    | 12  | 4,982  | 17  |             |          |                          | 211   | 40  | 14,776 | 36  |             |        |                          | 211 | 40 | 14,776 | 36 |  |  |
|   |   | 4                   | 3-5              | 9     | 2   | 842    | 3   |             |          |                          | 57    | 11  | 4,536  | 11  |             |        |                          | 57  | 11 | 4,536  | 11 |  |  |
|   |   | 8                   | 6-10             | 4     | 1   | 441    | 2   |             |          |                          | 14    | 3   | 1,498  | 4   |             |        |                          | 14  | 3  | 1,498  | 4  |  |  |
|   |   | 13                  | 11-15            | 0     | 0   | 194    | 1   |             |          |                          | 8     | 2   | 583    | 1   |             |        |                          | 8   | 2  | 583    | 1  |  |  |
|   |   | 18                  | 16-20            | 0     | 0   | 103    | 0   |             |          |                          | 1     | 0   | 263    | 1   |             |        |                          | 1   | 0  | 263    | 1  |  |  |
|   |   | 23                  | More than 20     | 0     | 0   | 120    | 0   |             |          |                          | 6     | 1   | 360    | 1   |             |        |                          | 6   | 1  | 360    | 1  |  |  |
|   |   |                     | Total            | 351   | 100 | 27,990 | 100 |             |          |                          | 520   | 100 | 40,566 | 100 |             |        |                          |     |    |        |    |  |  |
| Estimated number of assigned pages of student writing.  | wrpages<br>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.) |                     |                  |       |     |        |     | <b>35.5</b> | 45.7 *** | -.18                     |       |     |        |     | <b>74.9</b> | 71.3   | .05                      |     |    |        |    |  |  |

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Institutions Do

### First-Year Students

### Seniors

| Item wording<br>or description  | Variable<br>name <sup>c</sup> | Values <sup>d</sup><br>Response options | Frequency Distributions <sup>a</sup> |       |                |        | Statistical Comparisons <sup>b</sup> |            |                             | Frequency Distributions <sup>a</sup> |        |                |        | Statistical Comparisons <sup>b</sup> |            |                             |        |
|---|-------------------------------|---|--------------------------------------|-------|----------------|--------|--------------------------------------|------------|-----------------------------|--------------------------------------|--------|----------------|--------|--------------------------------------|------------|-----------------------------|--------|
|   |                               |   | UT Knoxville                         |       | Carnegie Class |        | Mean                                 | Mean       | Effect<br>size <sup>e</sup> | UT Knoxville                         |        | Carnegie Class |        | Mean                                 | Mean       | Effect<br>size <sup>e</sup> |        |
|   |                               |   | Count                                | %     | Count          | %      |                                      |            |                             | Count                                | %      | Count          | %      |                                      |            |                             |        |
| <b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>          |                               |   |                                      |       |                |        |                                      |            |                             |                                      |        |                |        |                                      |            |                             |        |
| challenge   | 1                             | Not at all                              | 2                                    | 1     | 110            | 0      | <b>5.5</b>                           | 5.5        | .01                         | 5                                    | 1      | 220            | 1      | <b>5.5</b>                           | 5.5        | -.01                        |        |
|   |                               |   | 3                                    | 1     | 287            | 1      |                                      |            |                             | 6                                    | 1      | 593            | 2      |                                      |            |                             |        |
|   |                               |   | 10                                   | 2     | 876            | 3      |                                      |            |                             | 18                                   | 3      | 1,394          | 3      |                                      |            |                             |        |
|   |                               |   | 39                                   | 11    | 2,925          | 10     |                                      |            |                             | 50                                   | 9      | 4,152          | 10     |                                      |            |                             |        |
|   |                               |   | 113                                  | 30    | 9,514          | 32     |                                      |            |                             | 178                                  | 33     | 13,130         | 31     |                                      |            |                             |        |
|   |                               |   | 122                                  | 33    | 10,014         | 34     |                                      |            |                             | 165                                  | 31     | 13,742         | 32     |                                      |            |                             |        |
|   |                               |   | 81                                   | 21    | 6,199          | 20     |                                      |            |                             | 118                                  | 22     | 9,584          | 22     |                                      |            |                             |        |
|   |                               |   | Total                                |       | 370            | 100    |                                      |            |                             | 29,925                               | 100    | 540            | 100    |                                      |            |                             | 42,815 |
| <b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b> |                               |   |                                      |       |                |        |                                      |            |                             |                                      |        |                |        |                                      |            |                             |        |
| servcourse  | 1                             | None                                    | 217                                  | 60    | 16,737         | 55     | <b>1.5</b>                           | 1.5        | -.04                        | 245                                  | 47     | 20,124         | 48     | <b>1.6</b>                           | 1.6        | .04                         |        |
|   |                               |   | 123                                  | 33    | 11,361         | 40     |                                      |            |                             | 253                                  | 46     | 19,510         | 45     |                                      |            |                             |        |
|   |                               |   | 23                                   | 6     | 1,206          | 4      |                                      |            |                             | 30                                   | 5      | 2,567          | 6      |                                      |            |                             |        |
|   |                               |   | 2                                    | 1     | 213            | 1      |                                      |            |                             | 8                                    | 1      | 364            | 1      |                                      |            |                             |        |
|   |                               |   | Total                                |       | 365            | 100    |                                      |            |                             | 29,517                               | 100    | 536            | 100    |                                      |            |                             | 42,565 |
| <b>14. How much does your institution emphasize the following?</b>  |                               |   |                                      |       |                |        |                                      |            |                             |                                      |        |                |        |                                      |            |                             |        |
| a. Spending significant amounts of time studying and on academic work   | empstudy                      | 1                                       | Very little                          | 5     | 2              | 382    | 2                                    | <b>3.1</b> | 3.2                         | -.11                                 | 12     | 2              | 779    | 2                                    | <b>3.1</b> | 3.2                         | -.09   |
|   |                               |   |                                      | 57    | 18             | 3,785  | 14                                   |            |                             |                                      | 85     | 16             | 6,526  | 16                                   |            |                             |        |
|   |                               |   |                                      | 146   | 43             | 12,594 | 46                                   |            |                             |                                      | 247    | 49             | 17,734 | 44                                   |            |                             |        |
|   |                               |   |                                      | 131   | 37             | 11,259 | 39                                   |            |                             |                                      | 169    | 33             | 15,568 | 38                                   |            |                             |        |
|   |                               |   |                                      | Total |                | 339    | 100                                  |            |                             |                                      | 28,020 | 100            | 513    | 100                                  |            |                             |        |
| b. Providing support to help students succeed academically  | SEacademic                    | 1                                       | Very little                          | 14    | 5              | 797    | 3                                    | <b>3.1</b> | 3.1                         | -.03                                 | 41     | 8              | 2,021  | 5                                    | <b>2.8</b> | 2.9 ***                     | -.19   |
|   |                               |   |                                      | 61    | 19             | 5,264  | 19                                   |            |                             |                                      | 142    | 29             | 10,065 | 25                                   |            |                             |        |
|   |                               |   |                                      | 135   | 41             | 11,804 | 42                                   |            |                             |                                      | 224    | 43             | 17,334 | 43                                   |            |                             |        |
|   |                               |   |                                      | 128   | 36             | 10,012 | 35                                   |            |                             |                                      | 106    | 20             | 10,959 | 27                                   |            |                             |        |
|   |                               |   |                                      | Total |                | 338    | 100                                  |            |                             |                                      | 27,877 | 100            | 513    | 100                                  |            |                             |        |



# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |       |                |       | Statistical Comparisons <sup>b</sup> |      |                |
|--------------------------------------|-------|----------------|-------|--------------------------------------|------|----------------|
| UT Knoxville                         |       | Carnegie Class |       | UT Knoxville                         |      | Carnegie Class |
|                                      | Count | %              | Count | %                                    | Mean | Mean           |

| Frequency Distributions <sup>a</sup> |       |                |       | Statistical Comparisons <sup>b</sup> |      |                |
|--------------------------------------|-------|----------------|-------|--------------------------------------|------|----------------|
| UT Knoxville                         |       | Carnegie Class |       | UT Knoxville                         |      | Carnegie Class |
|                                      | Count | %              | Count | %                                    | Mean | Mean           |

| Item wording<br>or description  | Variable<br>name <sup>c</sup> | Values <sup>d</sup> | Response options | UT Knoxville |     | Carnegie Class |     | Mean       | Mean    | Effect<br>size <sup>e</sup> | UT Knoxville |         | Carnegie Class |     | Mean | Mean   | Effect<br>size <sup>e</sup> |
|---|-------------------------------|---------------------|------------------|--------------|-----|----------------|-----|------------|---------|-----------------------------|--------------|---------|----------------|-----|------|--------|-----------------------------|
|   |                               |                     |                  | Count        | %   | Count          | %   |            |         |                             | Count        | %       | Count          | %   |      |        |                             |
| c. Using learning support services (tutoring services, writing center, etc.)                              | SElearnsup                    | 1                   | Very little      | 19           | 6   | 1,288          | 5   | <b>3.1</b> | 3.1     | -.01                        | <b>2.7</b>   | 2.8 *** | -.17           | 188 | 36   | 15,327 | 38                          |
|   |                               | 2                   | Some             | 55           | 17  | 4,795          | 17  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 3                   | Quite a bit      | 123          | 36  | 10,794         | 39  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 4                   | Very much        | 142          | 40  | 10,996         | 39  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | Total               |                  | 339          | 100 | 27,873         | 100 |            |         |                             |              |         |                |     |      |        |                             |
| d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.) | SEdiverse                     | 1                   | Very little      | 32           | 11  | 2,991          | 11  | <b>2.8</b> | 2.7     | .07                         | <b>2.5</b>   | 2.5     | -.05           | 81  | 16   | 6,765  | 17                          |
|   |                               | 2                   | Some             | 93           | 27  | 8,148          | 30  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 3                   | Quite a bit      | 116          | 34  | 9,524          | 34  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 4                   | Very much        | 97           | 28  | 7,268          | 25  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | Total               |                  | 338          | 100 | 27,931         | 100 |            |         |                             |              |         |                |     |      |        |                             |
| e. Providing opportunities to be involved socially  | SEsocial                      | 1                   | Very little      | 12           | 4   | 1,089          | 4   | <b>3.1</b> | 3.1     | -.01                        | <b>2.9</b>   | 2.9     | -.05           | 30  | 6    | 2,687  | 7                           |
|   |                               | 2                   | Some             | 68           | 21  | 5,473          | 20  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 3                   | Quite a bit      | 129          | 38  | 11,027         | 40  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 4                   | Very much        | 130          | 37  | 10,301         | 36  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | Total               |                  | 339          | 100 | 27,890         | 100 |            |         |                             |              |         |                |     |      |        |                             |
| f. Providing support for your overall well-being (recreation, health care, counseling, etc.)              | SEwellness                    | 1                   | Very little      | 20           | 7   | 1,205          | 4   | <b>2.9</b> | 3.1 *** | -.23                        | <b>2.7</b>   | 2.9 *** | -.25           | 68  | 13   | 3,328  | 8                           |
|   |                               | 2                   | Some             | 89           | 27  | 5,296          | 19  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 3                   | Quite a bit      | 121          | 37  | 10,936         | 40  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 4                   | Very much        | 108          | 29  | 10,333         | 37  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | Total               |                  | 338          | 100 | 27,770         | 100 |            |         |                             |              |         |                |     |      |        |                             |
| g. Helping you manage your non-academic responsibilities (work, family, etc.)                             | SEnonacad                     | 1                   | Very little      | 90           | 27  | 5,238          | 20  | <b>2.3</b> | 2.4 *   | -.13                        | <b>1.9</b>   | 2.1 *** | -.22           | 217 | 43   | 13,364 | 33                          |
|   |                               | 2                   | Some             | 117          | 35  | 10,367         | 38  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 3                   | Quite a bit      | 80           | 23  | 7,962          | 28  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | 4                   | Very much        | 51           | 15  | 4,166          | 14  |            |         |                             |              |         |                |     |      |        |                             |
|   |                               | Total               |                  | 338          | 100 | 27,733         | 100 |            |         |                             |              |         |                |     |      |        |                             |

## NSSE 2014 Frequencies and Statistical Comparisons

### The University of Tennessee, Knoxville

#### What Institutions Do

#### First-Year Students

#### Seniors

|  |                            | Frequency Distributions <sup>a</sup> |             |                |     | Statistical Comparisons <sup>b</sup> |      |                          |     |      |
|--|----------------------------|--------------------------------------|-------------|----------------|-----|--------------------------------------|------|--------------------------|-----|------|
|  |                            | UT Knoxville                         |             | Carnegie Class |     | UT Knoxville                         |      | Carnegie Class           |     |      |
| Item wording or description  | Variable name <sup>c</sup> | Count                                | %           | Count          | %   | Mean                                 | Mean | Effect size <sup>e</sup> |     |      |
| h. Attending campus activities and events (performing arts, athletic events, etc.) | SEactivities               | 1                                    | Very little | 12             | 4   | 1,349                                | 5    | <b>3.1</b>               | 3.0 | .09  |
|  |                            | 2                                    | Some        | 67             | 20  | 6,115                                | 22   |                          |     |      |
|  |                            | 3                                    | Quite a bit | 134            | 39  | 11,076                               | 40   |                          |     |      |
|  |                            | 4                                    | Very much   | 126            | 37  | 9,152                                | 33   |                          |     |      |
|  |                            | Total                                |             | 339            | 100 | 27,692                               | 100  |                          |     |      |
| i. Attending events that address important social, economic, or political issues   | SEevents                   | 1                                    | Very little | 41             | 13  | 3,195                                | 12   | <b>2.6</b>               | 2.6 | -.06 |
|  |                            | 2                                    | Some        | 118            | 36  | 9,507                                | 35   |                          |     |      |
|  |                            | 3                                    | Quite a bit | 113            | 34  | 9,475                                | 35   |                          |     |      |
|  |                            | 4                                    | Very much   | 62             | 17  | 5,441                                | 19   |                          |     |      |
|  |                            | Total                                |             | 334            | 100 | 27,618                               | 100  |                          |     |      |

|  |                            | Frequency Distributions <sup>a</sup> |    |                |     | Statistical Comparisons <sup>b</sup> |      |                          |
|--|----------------------------|--------------------------------------|----|----------------|-----|--------------------------------------|------|--------------------------|
|  |                            | UT Knoxville                         |    | Carnegie Class |     | UT Knoxville                         |      | Carnegie Class           |
| Item wording or description  | Variable name <sup>c</sup> | Count                                | %  | Count          | %   | Mean                                 | Mean | Effect size <sup>e</sup> |
| h. Attending campus activities and events (performing arts, athletic events, etc.) | SEactivities               | 44                                   | 9  | 3,525          | 9   | <b>2.9</b>                           | 2.8  | .05                      |
|  |                            | 120                                  | 24 | 10,628         | 26  |                                      |      |                          |
|  |                            | 189                                  | 37 | 15,013         | 37  |                                      |      |                          |
|  |                            | 155                                  | 30 | 10,988         | 28  |                                      |      |                          |
|  |                            | Total                                |    | 508            | 100 |                                      |      |                          |
| i. Attending events that address important social, economic, or political issues   | SEevents                   | 81                                   | 16 | 6,292          | 16  | <b>2.4</b>                           | 2.5  | -.07                     |
|  |                            | 198                                  | 39 | 14,857         | 37  |                                      |      |                          |
|  |                            | 165                                  | 33 | 12,561         | 31  |                                      |      |                          |
|  |                            | 63                                   | 12 | 6,348          | 16  |                                      |      |                          |
|  |                            | Total                                |    | 507            | 100 |                                      |      |                          |

## Appendix A

NSSE Items relating to

# “What Students and the Institution Do”

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students and Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Item wording<br>or description   | Variable<br>name <sup>c</sup> | Values <sup>d</sup><br>Response options | UT Knoxville |     | Carnegie Class |     | Statistical Comparisons <sup>b</sup> |        |                          | UT Knoxville |     | Carnegie Class |     | Statistical Comparisons <sup>b</sup> |         |                          |
|--|-------------------------------|---|--------------|-----|----------------|-----|--------------------------------------|--------|--------------------------|--------------|-----|----------------|-----|--------------------------------------|---------|--------------------------|
|  |                               |   | Count        | %   | Count          | %   | Mean                                 | Mean   | Effect size <sup>e</sup> | Count        | %   | Count          | %   | Mean                                 | Mean    | Effect size <sup>e</sup> |
| <b>3. During the current school year, about how often have you done the following?</b>                 |                               |   |              |     |                |     |                                      |        |                          |              |     |                |     |                                      |         |                          |
| a. Talked about career plans with a faculty member   | SFcareer                      | 1 Never                                 | 79           | 20  | 7,388          | 23  | <b>2.3</b>                           | 2.2 *  | .11                      | 85           | 14  | 8,625          | 19  | <b>2.5</b>                           | 2.3 *** | .14                      |
|  |                               | 2 Sometimes                             | 195          | 46  | 15,396         | 47  |                                      |        |                          | 246          | 41  | 19,374         | 42  |                                      |         |                          |
|  |                               | 3 Often                                 | 98           | 22  | 6,724          | 21  |                                      |        |                          | 160          | 26  | 10,773         | 23  |                                      |         |                          |
|  |                               | 4 Very often                            | 52           | 12  | 3,091          | 9   |                                      |        |                          | 111          | 18  | 7,253          | 15  |                                      |         |                          |
|  |                               | Total                                   | 424          | 100 | 32,599         | 100 |                                      |        |                          | 602          | 100 | 46,025         | 100 |                                      |         |                          |
| b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.) | SFotherwork                   | 1 Never                                 | 216          | 51  | 17,183         | 53  | <b>1.8</b>                           | 1.7    | .07                      | 250          | 42  | 20,386         | 45  | <b>2.0</b>                           | 1.9 *   | .09                      |
|  |                               | 2 Sometimes                             | 122          | 30  | 9,657          | 30  |                                      |        |                          | 167          | 28  | 13,416         | 29  |                                      |         |                          |
|  |                               | 3 Often                                 | 52           | 12  | 3,838          | 12  |                                      |        |                          | 106          | 17  | 6,944          | 15  |                                      |         |                          |
|  |                               | 4 Very often                            | 32           | 7   | 1,812          | 6   |                                      |        |                          | 77           | 13  | 5,121          | 11  |                                      |         |                          |
|  |                               | Total                                   | 422          | 100 | 32,490         | 100 |                                      |        |                          | 600          | 100 | 45,867         | 100 |                                      |         |                          |
| c. Discussed course topics, ideas, or concepts with a faculty member outside of class                  | SFdiscuss                     | 1 Never                                 | 130          | 31  | 10,723         | 33  | <b>2.0</b>                           | 2.0    | .10                      | 123          | 21  | 12,221         | 26  | <b>2.3</b>                           | 2.1 **  | .12                      |
|  |                               | 2 Sometimes                             | 178          | 41  | 14,265         | 44  |                                      |        |                          | 264          | 44  | 19,573         | 43  |                                      |         |                          |
|  |                               | 3 Often                                 | 73           | 18  | 5,342          | 17  |                                      |        |                          | 146          | 24  | 9,069          | 20  |                                      |         |                          |
|  |                               | 4 Very often                            | 38           | 9   | 2,090          | 6   |                                      |        |                          | 65           | 11  | 4,960          | 11  |                                      |         |                          |
|  |                               | Total                                   | 419          | 100 | 32,420         | 100 |                                      |        |                          | 598          | 100 | 45,823         | 100 |                                      |         |                          |
| d. Discussed your academic performance with a faculty member   | SFperform                     | 1 Never                                 | 94           | 23  | 9,086          | 28  | <b>2.1</b>                           | 2.0 ** | .14                      | 126          | 21  | 12,027         | 27  | <b>2.2</b>                           | 2.1     | .05                      |
|  |                               | 2 Sometimes                             | 207          | 50  | 15,506         | 48  |                                      |        |                          | 301          | 50  | 20,867         | 46  |                                      |         |                          |
|  |                               | 3 Often                                 | 73           | 17  | 5,540          | 17  |                                      |        |                          | 124          | 21  | 8,372          | 18  |                                      |         |                          |
|  |                               | 4 Very often                            | 43           | 10  | 2,174          | 7   |                                      |        |                          | 49           | 8   | 4,378          | 9   |                                      |         |                          |
|  |                               | Total                                   | 417          | 100 | 32,306         | 100 |                                      |        |                          | 600          | 100 | 45,644         | 100 |                                      |         |                          |

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students and Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Item wording or description   | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | UT Knoxville |     | Carnegie Class |     | Statistical Comparisons <sup>b</sup> |         |                          | UT Knoxville |    | Carnegie Class |    | Statistical Comparisons <sup>b</sup> |      |                          |
|---|----------------------------|---------------------|------------------|--------------|-----|----------------|-----|--------------------------------------|---------|--------------------------|--------------|----|----------------|----|--------------------------------------|------|--------------------------|
|   |                            |                     |                  | Count        | %   | Count          | %   | Mean                                 | Mean    | Effect size <sup>e</sup> | Count        | %  | Count          | %  | Mean                                 | Mean | Effect size <sup>e</sup> |
| <b>13. Indicate the quality of your interactions with the following people at your institution.</b> |                            |                     |                  |              |     |                |     |                                      |         |                          |              |    |                |    |                                      |      |                          |
| a. Students   | QIstudent                  | 1                   | Poor             | 7            | 2   | 370            | 1   | <b>5.5</b>                           | 5.6     | -.10                     | 6            | 1  | 465            | 1  | <b>5.6</b>                           | 5.7  | -.08                     |
|   |                            | 2                   |                  | 8            | 3   | 479            | 2   |                                      |         |                          | 7            | 1  | 655            | 2  |                                      |      |                          |
|   |                            | 3                   |                  | 18           | 5   | 1,173          | 4   |                                      |         |                          | 25           | 5  | 1,530          | 4  |                                      |      |                          |
|   |                            | 4                   |                  | 45           | 12  | 2,760          | 9   |                                      |         |                          | 46           | 8  | 3,670          | 9  |                                      |      |                          |
|   |                            | 5                   |                  | 78           | 20  | 6,864          | 23  |                                      |         |                          | 140          | 26 | 9,388          | 22 |                                      |      |                          |
|   |                            | 6                   |                  | 102          | 30  | 9,441          | 31  |                                      |         |                          | 168          | 31 | 13,647         | 32 |                                      |      |                          |
|   |                            | 7                   | Excellent        | 107          | 28  | 8,724          | 29  |                                      |         |                          | 144          | 26 | 13,203         | 31 |                                      |      |                          |
|   |                            | —                   | Not applicable   | 1            | 0   | 99             | 0   | 5                                    | 1       | 281                      | 1            |    |                |    |                                      |      |                          |
|   |                            |                     | Total            | 366          | 100 | 29,910         | 100 | 541                                  | 100     | 42,839                   | 100          |    |                |    |                                      |      |                          |
| b. Academic advisors  | QIadvisor                  | 1                   | Poor             | 7            | 2   | 1,080          | 4   | <b>5.4</b>                           | 5.1 *** | .18                      | 6            | 6  | 2,515          | 6  | <b>5.1</b>                           | 5.0  | .06                      |
|   |                            | 2                   |                  | 15           | 4   | 1,611          | 5   |                                      |         |                          | 33           | 6  | 2,887          | 7  |                                      |      |                          |
|   |                            | 3                   |                  | 29           | 8   | 2,567          | 8   |                                      |         |                          | 30           | 6  | 3,823          | 9  |                                      |      |                          |
|   |                            | 4                   |                  | 44           | 12  | 4,353          | 14  |                                      |         |                          | 52           | 10 | 6,015          | 14 |                                      |      |                          |
|   |                            | 5                   |                  | 64           | 17  | 6,322          | 21  |                                      |         |                          | 69           | 13 | 8,040          | 19 |                                      |      |                          |
|   |                            | 6                   |                  | 97           | 27  | 6,462          | 22  |                                      |         |                          | 91           | 17 | 8,787          | 21 |                                      |      |                          |
|   |                            | 7                   | Excellent        | 107          | 29  | 6,749          | 23  |                                      |         |                          | 92           | 17 | 10,186         | 24 |                                      |      |                          |
|   |                            | —                   | Not applicable   | 2            | 1   | 708            | 2   | 169                                  | 31      | 519                      | 1            |    |                |    |                                      |      |                          |
|   |                            |                     | Total            | 365          | 100 | 29,852         | 100 | 541                                  | 100     | 42,772                   | 100          |    |                |    |                                      |      |                          |



# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students and Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |      |                          |     |        |     |
|--------------------------------------|-----|----------------|-----|--------------------------------------|------|--------------------------|-----|--------|-----|
| UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |      | Carnegie Class           |     |        |     |
| Count                                | %   | Count          | %   | Mean                                 | Mean | Effect size <sup>c</sup> |     |        |     |
| 15                                   | 5   | 1,464          | 5   | <b>4.8</b>                           | 4.7  | .02                      |     |        |     |
| 25                                   | 6   | 1,765          | 6   |                                      |      |                          |     |        |     |
| 41                                   | 11  | 2,652          | 9   |                                      |      |                          |     |        |     |
| 49                                   | 12  | 4,885          | 16  |                                      |      |                          |     |        |     |
| 81                                   | 22  | 6,364          | 21  |                                      |      |                          |     |        |     |
| 78                                   | 22  | 5,757          | 20  |                                      |      |                          |     |        |     |
| 49                                   | 14  | 3,782          | 13  |                                      |      |                          |     |        |     |
| 25                                   | 7   | 3,081          | 10  | Total                                |      | 363                      | 100 | 29,750 | 100 |
| 363                                  | 100 | 29,750         | 100 |                                      |      |                          |     |        |     |

| Frequency Distributions <sup>a</sup> |    |                |    | Statistical Comparisons <sup>b</sup> |         |                          |  |       |  |
|--------------------------------------|----|----------------|----|--------------------------------------|---------|--------------------------|--|-------|--|
| UT Knoxville                         |    | Carnegie Class |    | UT Knoxville                         |         | Carnegie Class           |  |       |  |
| Count                                | %  | Count          | %  | Mean                                 | Mean    | Effect size <sup>c</sup> |  |       |  |
| 47                                   | 9  | 2,521          | 6  | <b>4.4</b>                           | 4.7 *** | -.18                     |  |       |  |
| 41                                   | 8  | 2,751          | 6  |                                      |         |                          |  |       |  |
| 63                                   | 12 | 4,080          | 9  |                                      |         |                          |  |       |  |
| 102                                  | 19 | 7,184          | 17 |                                      |         |                          |  |       |  |
| 120                                  | 22 | 9,318          | 22 |                                      |         |                          |  |       |  |
| 83                                   | 16 | 8,272          | 19 |                                      |         |                          |  |       |  |
| 63                                   | 11 | 5,611          | 13 |                                      |         |                          |  | Total |  |
| 21                                   | 4  | 2,955          | 7  |                                      |         |                          |  |       |  |

| Item wording or description  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options |
|--|----------------------------|---------------------|------------------|
| e. Other administrative staff and offices (registrar, financial aid, etc.) | Qladmin                    | 1                   | Poor             |
|  |                            | 2                   |                  |
|  |                            | 3                   |                  |
|  |                            | 4                   |                  |
|  |                            | 5                   |                  |
|  |                            | 6                   |                  |
|  |                            | 7                   | Excellent        |
|  |                            | —                   | Not applicable   |
|  |                            | Total               |                  |

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

| Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |      |                          |  |       |  |
|--------------------------------------|-----|----------------|-----|--------------------------------------|------|--------------------------|--|-------|--|
| UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |      | Carnegie Class           |  |       |  |
| Count                                | %   | Count          | %   | Mean                                 | Mean | Effect size <sup>c</sup> |  |       |  |
| 38                                   | 12  | 2,880          | 11  | <b>2.7</b>                           | 2.7  | -.02                     |  |       |  |
| 101                                  | 30  | 7,873          | 29  |                                      |      |                          |  |       |  |
| 114                                  | 34  | 10,752         | 38  |                                      |      |                          |  |       |  |
| 80                                   | 23  | 6,257          | 22  |                                      |      |                          |  | Total |  |
| 39                                   | 13  | 4,298          | 16  |                                      |      |                          |  |       |  |
| 108                                  | 33  | 9,330          | 34  | <b>2.6</b>                           | 2.5  | .10                      |  |       |  |
| 119                                  | 35  | 9,225          | 33  |                                      |      |                          |  |       |  |
| 64                                   | 19  | 4,821          | 17  |                                      |      |                          |  |       |  |
| 330                                  | 100 | 27,674         | 100 |                                      |      |                          |  |       |  |

| Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |       |                          |  |       |  |
|--------------------------------------|-----|----------------|-----|--------------------------------------|-------|--------------------------|--|-------|--|
| UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |       | Carnegie Class           |  |       |  |
| Count                                | %   | Count          | %   | Mean                                 | Mean  | Effect size <sup>c</sup> |  |       |  |
| 39                                   | 8   | 2,944          | 7   | <b>2.8</b>                           | 2.9 * | -.09                     |  |       |  |
| 131                                  | 27  | 9,469          | 24  |                                      |       |                          |  |       |  |
| 194                                  | 38  | 14,713         | 36  |                                      |       |                          |  |       |  |
| 138                                  | 27  | 13,096         | 32  |                                      |       |                          |  | Total |  |
| 46                                   | 10  | 3,760          | 10  |                                      |       |                          |  |       |  |
| 142                                  | 29  | 10,187         | 26  | <b>2.8</b>                           | 2.8   | -.08                     |  |       |  |
| 182                                  | 36  | 14,330         | 36  |                                      |       |                          |  |       |  |
| 127                                  | 25  | 11,823         | 29  |                                      |       |                          |  |       |  |
| 497                                  | 100 | 40,100         | 100 |                                      |       |                          |  |       |  |

# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students and Institutions Do

### First-Year Students

### Seniors

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Frequency Distributions <sup>a</sup> |  |                |  | Statistical Comparisons <sup>b</sup> |                |  |
|--------------------------------------|--|----------------|--|--------------------------------------|----------------|--|
| UT Knoxville                         |  | Carnegie Class |  | UT Knoxville                         | Carnegie Class |  |

| Item wording<br>or description                         | Variable<br>name <sup>c</sup> | Values <sup>d</sup> |       |     |        |     | Effect<br>size <sup>e</sup> |        |                             |
|--|-------------------------------|---------------------|-------|-----|--------|-----|-----------------------------|--------|-----------------------------|
|  |                               |                     | Count | %   | Count  | %   | Mean                        | Mean   | Effect<br>size <sup>e</sup> |
| c. Thinking critically and analytically                | pgthink                       | 1 Very little       | 14    | 4   | 987    | 4   | <b>3.0</b>                  | 3.1    | -.01                        |
|  |                               | 2 Some              | 65    | 19  | 5,562  | 20  |                             |        |                             |
|  |                               | 3 Quite a bit       | 146   | 43  | 11,879 | 42  |                             |        |                             |
|  |                               | 4 Very much         | 107   | 33  | 9,222  | 34  |                             |        |                             |
|  |                               | Total               | 332   | 100 | 27,650 | 100 |                             |        |                             |
| d. Analyzing numerical and statistical information     | pganalyze                     | 1 Very little       | 42    | 12  | 3,412  | 12  | <b>2.7</b>                  | 2.7    | .00                         |
|  |                               | 2 Some              | 98    | 28  | 8,169  | 29  |                             |        |                             |
|  |                               | 3 Quite a bit       | 119   | 37  | 9,789  | 36  |                             |        |                             |
|  |                               | 4 Very much         | 72    | 22  | 6,293  | 23  |                             |        |                             |
|  |                               | Total               | 331   | 100 | 27,663 | 100 |                             |        |                             |
| e. Acquiring job- or work-related knowledge and skills | pgwork                        | 1 Very little       | 53    | 17  | 3,763  | 14  | <b>2.5</b>                  | 2.6 ** | -.15                        |
|  |                               | 2 Some              | 124   | 37  | 8,969  | 32  |                             |        |                             |
|  |                               | 3 Quite a bit       | 99    | 30  | 9,195  | 33  |                             |        |                             |
|  |                               | 4 Very much         | 55    | 16  | 5,725  | 20  |                             |        |                             |
|  |                               | Total               | 331   | 100 | 27,652 | 100 |                             |        |                             |
| f. Working effectively with others                     | pgothers                      | 1 Very little       | 28    | 9   | 2,092  | 8   | <b>2.7</b>                  | 2.8    | -.05                        |
|  |                               | 2 Some              | 99    | 29  | 8,052  | 30  |                             |        |                             |
|  |                               | 3 Quite a bit       | 133   | 41  | 10,838 | 39  |                             |        |                             |
|  |                               | 4 Very much         | 71    | 21  | 6,634  | 23  |                             |        |                             |
|  |                               | Total               | 331   | 100 | 27,616 | 100 |                             |        |                             |



# NSSE 2014 Frequencies and Statistical Comparisons

## The University of Tennessee, Knoxville

### What Students and Institutions Do

### First-Year Students

### Seniors

| Item wording<br>or description  | Variable<br>name <sup>c</sup> | Values <sup>d</sup><br>Response options | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |       |                             | Frequency Distributions <sup>a</sup> |     |                |     | Statistical Comparisons <sup>b</sup> |         |                             |  |
|---|-------------------------------|---|--------------------------------------|-----|----------------|-----|--------------------------------------|-------|-----------------------------|--------------------------------------|-----|----------------|-----|--------------------------------------|---------|-----------------------------|--|
|   |                               |   | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |       | Effect<br>size <sup>e</sup> | UT Knoxville                         |     | Carnegie Class |     | UT Knoxville                         |         | Carnegie Class              |  |
|   |                               |   | Count                                | %   | Count          | %   | Mean                                 | Mean  |                             | Count                                | %   | Count          | %   | Mean                                 | Mean    | Effect<br>size <sup>e</sup> |  |
| g. Developing or clarifying a personal code of values and ethics  | pgvalues                      | 1 Very little                           | 62                                   | 20  | 4,058          | 16  | <b>2.5</b>                           | 2.6 * | -.13                        | 107                                  | 22  | 5,933          | 15  | <b>2.5</b>                           | 2.7 *** | -.19                        |  |
|   |                               | 2 Some                                  | 104                                  | 31  | 8,347          | 30  |                                      |       |                             | 156                                  | 31  | 11,128         | 28  |                                      |         |                             |  |
|   |                               | 3 Quite a bit                           | 102                                  | 31  | 9,363          | 34  |                                      |       |                             | 115                                  | 23  | 12,323         | 30  |                                      |         |                             |  |
|   |                               | 4 Very much                             | 63                                   | 18  | 5,860          | 20  |                                      |       |                             | 120                                  | 24  | 10,730         | 26  |                                      |         |                             |  |
|   |                               | Total                                   | 331                                  | 100 | 27,628         | 100 |                                      |       |                             | 498                                  | 100 | 40,114         | 100 |                                      |         |                             |  |
| h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.) | pgdiverse                     | 1 Very little                           | 36                                   | 12  | 3,185          | 12  | <b>2.6</b>                           | 2.7   | -.11                        | 72                                   | 15  | 4,805          | 12  | <b>2.5</b>                           | 2.7 *** | -.20                        |  |
|   |                               | 2 Some                                  | 124                                  | 38  | 8,321          | 30  |                                      |       |                             | 182                                  | 37  | 11,440         | 29  |                                      |         |                             |  |
|   |                               | 3 Quite a bit                           | 99                                   | 29  | 9,695          | 35  |                                      |       |                             | 136                                  | 27  | 12,740         | 32  |                                      |         |                             |  |
|   |                               | 4 Very much                             | 72                                   | 21  | 6,457          | 23  |                                      |       |                             | 107                                  | 21  | 11,112         | 27  |                                      |         |                             |  |
|   |                               | Total                                   | 331                                  | 100 | 27,658         | 100 |                                      |       |                             | 497                                  | 100 | 40,097         | 100 |                                      |         |                             |  |
| i. Solving complex real-world problems  | pgprobsolve                   | 1 Very little                           | 46                                   | 14  | 3,462          | 13  | <b>2.6</b>                           | 2.6   | -.03                        | 70                                   | 14  | 3,939          | 10  | <b>2.6</b>                           | 2.8 *** | -.18                        |  |
|   |                               | 2 Some                                  | 115                                  | 33  | 9,179          | 33  |                                      |       |                             | 158                                  | 32  | 11,073         | 28  |                                      |         |                             |  |
|   |                               | 3 Quite a bit                           | 106                                  | 33  | 9,567          | 34  |                                      |       |                             | 150                                  | 30  | 13,740         | 34  |                                      |         |                             |  |
|   |                               | 4 Very much                             | 64                                   | 20  | 5,419          | 20  |                                      |       |                             | 119                                  | 24  | 11,337         | 29  |                                      |         |                             |  |
|   |                               | Total                                   | 331                                  | 100 | 27,627         | 100 |                                      |       |                             | 497                                  | 100 | 40,089         | 100 |                                      |         |                             |  |
| j. Being an informed and active citizen   | pgcitizen                     | 1 Very little                           | 52                                   | 16  | 3,607          | 13  | <b>2.5</b>                           | 2.6   | -.09                        | 91                                   | 19  | 5,607          | 15  | <b>2.5</b>                           | 2.6 *** | -.17                        |  |
|   |                               | 2 Some                                  | 110                                  | 34  | 9,238          | 33  |                                      |       |                             | 176                                  | 36  | 12,342         | 31  |                                      |         |                             |  |
|   |                               | 3 Quite a bit                           | 110                                  | 33  | 9,385          | 34  |                                      |       |                             | 136                                  | 27  | 12,682         | 31  |                                      |         |                             |  |
|   |                               | 4 Very much                             | 56                                   | 17  | 5,286          | 19  |                                      |       |                             | 94                                   | 19  | 9,278          | 23  |                                      |         |                             |  |
|   |                               | Total                                   | 328                                  | 100 | 27,516         | 100 |                                      |       |                             | 497                                  | 100 | 39,909         | 100 |                                      |         |                             |  |