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# **NSSE 2022**

## **Frequencies and Statistical Comparisons**

Ferris State University

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# NSSE 2022 Frequencies and Statistical Comparisons

## About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([nsse.indiana.edu](https://nsse.indiana.edu)) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.  
  
**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [go.iu.edu/NSSE-weights](https://go.iu.edu/NSSE-weights)
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.

## NSSE Frequencies and Statistical Comparisons

### NSSEville State University

Seniors

1

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4

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| Frequency Distributions <sup>a</sup>                                                                                       |                            |                                                            |                  |                                |                             |                                            |                             |                                     |                            |                                                  |                             | Statistical Comparisons <sup>b</sup> |         |                          |         |                          |         |                          |      |                          |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------|------------------|--------------------------------|-----------------------------|--------------------------------------------|-----------------------------|-------------------------------------|----------------------------|--------------------------------------------------|-----------------------------|--------------------------------------|---------|--------------------------|---------|--------------------------|---------|--------------------------|------|--------------------------|
|                                                                                                                            |                            |                                                            |                  |                                |                             |                                            |                             |                                     |                            |                                                  |                             | Your seniors compared with           |         |                          |         |                          |         |                          |      |                          |
| NSSEville State                                                                                                            |                            |                                                            |                  | Admissions Overlap             |                             | Carnegie UG Program                        |                             | NSSE Cohort                         |                            | NSSEville State                                  |                             |                                      |         | Admissions Overlap       |         | Carnegie UG Program      |         | NSSE Cohort              |      |                          |
| Item wording or description                                                                                                | Variable name <sup>c</sup> | Values <sup>d</sup>                                        | Response options | Count                          | %                           | Count                                      | %                           | Count                               | %                          | Count                                            | %                           | Mean                                 | Mean    | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean | Effect size <sup>e</sup> |
| 6. During the current school year, about how often have you done the following?                                            |                            |                                                            |                  |                                |                             |                                            |                             |                                     |                            |                                                  |                             |                                      |         |                          |         |                          |         |                          |      |                          |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)             | QRconclude                 | 1 Never<br>2 Sometimes<br>3 Often<br>4 Very often<br>Total |                  | 3<br>135<br>112<br>280<br>630  | 0<br>20<br>33<br>46<br>100  | 244<br>4,397<br>5,947<br>5,440<br>16,028   | 2<br>27<br>37<br>34<br>100  | 54<br>845<br>1,086<br>889<br>2,874  | 2<br>29<br>38<br>31<br>100 | 6,952<br>75,222<br>81,724<br>66,983<br>230,881   | 3<br>33<br>35<br>29<br>100  | 3.3                                  | 3.0 *** | .27                      | 3.0 *** | .35                      | 2.9 *** | .43                      |      |                          |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) | QRproblem                  | 1 Never<br>2 Sometimes<br>3 Often<br>4 Very often<br>Total |                  | 82<br>267<br>164<br>113<br>626 | 13<br>42<br>26<br>19<br>100 | 2,369<br>5,959<br>4,548<br>3,072<br>10,948 | 14<br>37<br>29<br>20<br>100 | 401<br>978<br>858<br>611<br>2,851   | 14<br>34<br>11<br>1<br>100 | 35,490<br>79,495<br>67,348<br>47,208<br>229,541  | 16<br>34<br>29<br>21<br>100 | 2.5                                  | 2.5     | -.04                     | 2.6 *   | -.09                     | 2.6     | -.05                     |      |                          |
| c. Evaluated what others have concluded from numerical information                                                         | QRevaluate                 | 1 Never<br>2 Sometimes<br>3 Often<br>4 Very often<br>Total |                  | 25<br>56<br>384<br>150<br>615  | 4<br>9<br>63<br>24<br>100   | 778<br>1,666<br>9,147<br>4,267<br>15,858   | 5<br>11<br>57<br>27<br>100  | 134<br>262<br>1,586<br>851<br>2,833 | 5<br>10<br>57<br>29<br>100 | 12,543<br>28,134<br>128,802<br>58,873<br>228,352 | 6<br>13<br>56<br>26<br>100  | 3.1                                  | 3.1     | .02                      | 3.1     | -.04                     | 3.0     | .06                      |      |                          |

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd edition). New York: Psychology Press.

### 8. Key to symbols:

- ▲ Your students' average was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context. You may not see all of these symbols in your report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                            |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|--------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| 1. During the current school year, about how often have you done the following?            |                            |                     |                  |              |       |                   |        |                |         |                  |    |              |                   |                          |                |                          |                  |                          |
| a. Asked questions or contributed to course discussions in other ways                      | askquest                   | 1                   | Never            | 11           | 6     | 80                | 4      | 608            | 3       | 6,496            | 4  | 2.6          | 2.8 ***<br>▽      | -.30                     | 2.9 ***<br>▼   | -.38                     | 2.8 **<br>▽      | -.23                     |
|                                                                                            |                            | 2                   | Sometimes        | 91           | 46    | 801               | 35     | 7,838          | 33      | 67,646           | 38 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 3                   | Often            | 61           | 32    | 817               | 36     | 8,524          | 36      | 64,207           | 35 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 4                   | Very often       | 32           | 16    | 585               | 26     | 6,734          | 29      | 43,563           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | Total               | 195              | 100          | 2,283 | 100               | 23,704 | 100            | 181,912 | 100              |    |              |                   |                          |                |                          |                  |                          |
| b. Asked another student to help you understand course material                            | CLaskhelp                  | 1                   | Never            | 22           | 13    | 270               | 13     | 4,269          | 21      | 28,022           | 17 | 2.5          | 2.5               | -.01                     | 2.3 *<br>△     | .15                      | 2.4              | .08                      |
|                                                                                            |                            | 2                   | Sometimes        | 84           | 44    | 977               | 43     | 9,568          | 40      | 74,666           | 41 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 3                   | Often            | 56           | 28    | 671               | 29     | 6,367          | 25      | 50,910           | 27 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 4                   | Very often       | 31           | 15    | 354               | 15     | 3,365          | 14      | 27,229           | 14 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | Total               | 193              | 100          | 2,272 | 100               | 23,569 | 100            | 180,827 | 100              |    |              |                   |                          |                |                          |                  |                          |
| c. Explained course material to one or more students                                       | CLexplain                  | 1                   | Never            | 13           | 7     | 198               | 9      | 3,268          | 16      | 21,986           | 14 | 2.6          | 2.5               | .10                      | 2.4 ***<br>△   | .24                      | 2.4 **<br>△      | .21                      |
|                                                                                            |                            | 2                   | Sometimes        | 71           | 39    | 983               | 44     | 9,806          | 41      | 76,459           | 42 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 3                   | Often            | 80           | 40    | 747               | 32     | 7,199          | 29      | 56,857           | 30 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 4                   | Very often       | 29           | 15    | 348               | 15     | 3,302          | 14      | 25,309           | 14 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | Total               | 193              | 100          | 2,276 | 100               | 23,575 | 100            | 180,611 | 100              |    |              |                   |                          |                |                          |                  |                          |
| d. Prepared for exams by discussing or working through course material with other students | CLstudy                    | 1                   | Never            | 49           | 26    | 453               | 21     | 6,134          | 29      | 43,993           | 26 | 2.2          | 2.4 *<br>▽        | -.17                     | 2.2            | -.01                     | 2.2              | -.03                     |
|                                                                                            |                            | 2                   | Sometimes        | 73           | 40    | 843               | 37     | 8,314          | 35      | 66,196           | 37 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 3                   | Often            | 47           | 24    | 614               | 27     | 5,740          | 23      | 45,217           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 4                   | Very often       | 22           | 11    | 346               | 15     | 3,239          | 13      | 24,177           | 13 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | Total               | 191              | 100          | 2,256 | 100               | 23,427 | 100            | 179,583 | 100              |    |              |                   |                          |                |                          |                  |                          |
| e. Worked with other students on course projects or assignments                            | CLproject                  | 1                   | Never            | 18           | 10    | 236               | 11     | 3,621          | 18      | 24,511           | 15 | 2.5          | 2.5               | .03                      | 2.4 *<br>△     | .13                      | 2.4              | .11                      |
|                                                                                            |                            | 2                   | Sometimes        | 74           | 40    | 927               | 41     | 8,788          | 37      | 71,040           | 40 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 3                   | Often            | 72           | 37    | 772               | 34     | 7,397          | 31      | 57,013           | 31 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 4                   | Very often       | 27           | 13    | 315               | 14     | 3,511          | 14      | 26,171           | 14 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | Total               | 191              | 100          | 2,250 | 100               | 23,317 | 100            | 178,735 | 100              |    |              |                   |                          |                |                          |                  |                          |
| f. Given a course presentation                                                             | present                    | 1                   | Never            | 49           | 25    | 590               | 27     | 5,436          | 25      | 43,587           | 26 | 2.2          | 2.1               | .05                      | 2.2            | .00                      | 2.1              | .07                      |
|                                                                                            |                            | 2                   | Sometimes        | 76           | 41    | 955               | 43     | 10,043         | 42      | 80,306           | 44 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 3                   | Often            | 46           | 24    | 477               | 21     | 5,414          | 23      | 38,735           | 21 |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | 4                   | Very often       | 19           | 10    | 224               | 10     | 2,370          | 10      | 15,753           | 8  |              |                   |                          |                |                          |                  |                          |
|                                                                                            |                            | Total               | 190              | 100          | 2,246 | 100               | 23,263 | 100            | 178,381 | 100              |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

| 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> |                   |                |                  |                          |                          |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                                                                                           |                               |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                                                                                           |                               |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| <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            | 24                                   | 13  | 178               | 8   | 2,213          | 11  | 17,555           | 11  | 2.6                                  | 2.6               | -.08           | 2.6              | -.03                     | 2.5                      |
|                                                                                                                           |                               | 2                   | Sometimes        | 57                                   | 31  | 798               | 36  | 8,554          | 37  | 68,283           | 39  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 3                   | Often            | 83                                   | 45  | 869               | 39  | 8,463          | 36  | 63,880           | 36  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 4                   | Very often       | 24                                   | 12  | 364               | 16  | 3,714          | 17  | 26,104           | 15  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | Total               |                  | 188                                  | 100 | 2,209             | 100 | 22,944         | 100 | 175,822          | 100 |                                      |                   |                |                  |                          |                          |
| b. Connected your learning to societal problems or issues                                                                 | RSocietal                     | 1                   | Never            | 17                                   | 10  | 181               | 9   | 1,966          | 10  | 17,014           | 11  | 2.5                                  | 2.6               | -.13           | 2.7              | -.14                     | 2.6                      |
|                                                                                                                           |                               | 2                   | Sometimes        | 75                                   | 41  | 806               | 37  | 8,040          | 35  | 64,166           | 37  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 3                   | Often            | 70                                   | 36  | 787               | 35  | 8,304          | 36  | 62,780           | 35  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 4                   | Very often       | 26                                   | 13  | 419               | 19  | 4,431          | 20  | 30,318           | 17  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | Total               |                  | 188                                  | 100 | 2,193             | 100 | 22,741         | 100 | 174,278          | 100 |                                      |                   |                |                  |                          |                          |
| c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments | RIdiverse                     | 1                   | Never            | 20                                   | 12  | 192               | 9   | 1,970          | 10  | 17,248           | 11  | 2.5                                  | 2.7 **            | -.24           | 2.7 **           | -.24                     | 2.6 *                    |
|                                                                                                                           |                               | 2                   | Sometimes        | 75                                   | 41  | 734               | 34  | 7,572          | 34  | 60,637           | 35  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 3                   | Often            | 68                                   | 35  | 767               | 35  | 8,216          | 36  | 61,361           | 34  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 4                   | Very often       | 24                                   | 12  | 485               | 21  | 4,773          | 21  | 33,477           | 19  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | Total               |                  | 187                                  | 100 | 2,178             | 100 | 22,531         | 100 | 172,723          | 100 |                                      |                   |                |                  |                          |                          |
| d. Examined the strengths and weaknesses of your own views on a topic or issue                                            | RIownview                     | 1                   | Never            | 6                                    | 3   | 77                | 4   | 977            | 5   | 8,443            | 5   | 2.7                                  | 2.8               | -.11           | 2.8              | -.12                     | 2.8                      |
|                                                                                                                           |                               | 2                   | Sometimes        | 63                                   | 34  | 659               | 31  | 6,471          | 28  | 52,606           | 31  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 3                   | Often            | 89                                   | 47  | 976               | 45  | 10,016         | 44  | 76,589           | 44  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 4                   | Very often       | 29                                   | 15  | 446               | 21  | 4,793          | 22  | 32,980           | 20  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | Total               |                  | 187                                  | 100 | 2,158             | 100 | 22,257         | 100 | 170,618          | 100 |                                      |                   |                |                  |                          |                          |
| e. Tried to better understand someone else's views by imagining how an issue looks from their perspective                 | RIperspect                    | 1                   | Never            | 7                                    | 4   | 44                | 2   | 555            | 3   | 5,114            | 4   | 2.9                                  | 3.0               | -.07           | 3.0              | -.11                     | 2.9                      |
|                                                                                                                           |                               | 2                   | Sometimes        | 53                                   | 29  | 538               | 26  | 5,142          | 23  | 42,735           | 26  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 3                   | Often            | 77                                   | 40  | 997               | 46  | 10,183         | 46  | 78,175           | 46  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 4                   | Very often       | 50                                   | 27  | 547               | 25  | 6,053          | 28  | 41,839           | 25  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | Total               |                  | 187                                  | 100 | 2,126             | 100 | 21,933         | 100 | 167,863          | 100 |                                      |                   |                |                  |                          |                          |
| f. Learned something that changed the way you understand an issue or concept                                              | RInewview                     | 1                   | Never            | 11                                   | 6   | 56                | 3   | 683            | 4   | 5,597            | 4   | 2.8                                  | 2.9               | -.10           | 2.9              | -.13                     | 2.8                      |
|                                                                                                                           |                               | 2                   | Sometimes        | 49                                   | 26  | 621               | 30  | 6,141          | 28  | 49,322           | 30  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 3                   | Often            | 88                                   | 49  | 922               | 44  | 9,475          | 43  | 73,232           | 44  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | 4                   | Very often       | 36                                   | 19  | 490               | 23  | 5,280          | 25  | 37,066           | 22  |                                      |                   |                |                  |                          |                          |
|                                                                                                                           |                               | Total               |                  | 184                                  | 100 | 2,089             | 100 | 21,579         | 100 | 165,217          | 100 |                                      |                   |                |                  |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                    |                               |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State |      | Honors Consortium           |       | Carnegie Class              |        | NSSE 2021 & 2022            |  |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|------|-----------------------------|-------|-----------------------------|--------|-----------------------------|--|
| Item wording<br>or description                                                                                     | Variable<br>name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean | Effect<br>size <sup>e</sup> | Mean  | Effect<br>size <sup>e</sup> | Mean   | Effect<br>size <sup>e</sup> |  |
| g. Connected ideas from<br>your courses to your<br>prior experiences and<br>knowledge                              | RIconnect                     | 1                   | Never            | 3            | 2     | 22                | 1      | 319            | 2       | 2,667            | 2  | 3.0          | 3.0  | .00                         | 3.1   | -.04                        | 3.0    | .02                         |  |
|                                                                                                                    |                               | 2                   | Sometimes        | 42           | 24    | 433               | 21     | 4,168          | 20      | 33,655           | 21 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 3                   | Often            | 79           | 43    | 1,027             | 49     | 10,274         | 47      | 79,995           | 48 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 4                   | Very often       | 59           | 32    | 589               | 28     | 6,553          | 31      | 46,887           | 29 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | Total               | 183              | 100          | 2,071 | 100               | 21,314 | 100            | 163,204 | 100              |    |              |      |                             |       |                             |        |                             |  |
| 3. During the current school year, about how often have you done the following?                                    |                               |                     |                  |              |       |                   |        |                |         |                  |    |              |      |                             |       |                             |        |                             |  |
| a. Talked about career<br>plans with a faculty<br>member                                                           | SFcareer                      | 1                   | Never            | 31           | 17    | 294               | 15     | 4,264          | 21      | 34,781           | 23 | 2.5          | 2.4  | .03                         | 2.3 * | .17                         | 2.2 ** | .24                         |  |
|                                                                                                                    |                               | 2                   | Sometimes        | 70           | 38    | 865               | 43     | 8,910          | 42      | 70,135           | 43 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 3                   | Often            | 48           | 27    | 577               | 27     | 5,036          | 23      | 37,428           | 22 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 4                   | Very often       | 33           | 18    | 330               | 16     | 3,075          | 14      | 20,676           | 12 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | Total               | 182              | 100          | 2,066 | 100               | 21,285 | 100            | 163,020 | 100              |    |              |      |                             |       |                             |        |                             |  |
| b. Worked with a faculty<br>member on activities<br>other than coursework<br>(committees, student<br>groups, etc.) | SFotherwork                   | 1                   | Never            | 88           | 49    | 939               | 46     | 10,619         | 51      | 82,164           | 52 | 1.8          | 1.9  | -.01                        | 1.8   | .08                         | 1.7    | .12                         |  |
|                                                                                                                    |                               | 2                   | Sometimes        | 47           | 25    | 643               | 31     | 6,240          | 29      | 48,091           | 29 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 3                   | Often            | 33           | 19    | 315               | 15     | 2,747          | 13      | 21,391           | 13 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 4                   | Very often       | 13           | 7     | 162               | 8      | 1,565          | 8       | 10,527           | 6  |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | Total               | 181              | 100          | 2,059 | 100               | 21,171 | 100            | 162,173 | 100              |    |              |      |                             |       |                             |        |                             |  |
| c. Discussed course<br>topics, ideas, or<br>concepts with a faculty<br>member outside of<br>class                  | SFdiscuss                     | 1                   | Never            | 60           | 33    | 658               | 32     | 7,507          | 37      | 58,475           | 38 | 2.1          | 2.1  | .03                         | 2.0   | .12                         | 1.9 *  | .16                         |  |
|                                                                                                                    |                               | 2                   | Sometimes        | 68           | 36    | 808               | 39     | 8,057          | 37      | 62,512           | 38 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 3                   | Often            | 35           | 20    | 394               | 20     | 3,640          | 17      | 27,648           | 17 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 4                   | Very often       | 18           | 11    | 182               | 9      | 1,749          | 9       | 11,849           | 7  |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | Total               | 181              | 100          | 2,042 | 100               | 20,953 | 100            | 160,484 | 100              |    |              |      |                             |       |                             |        |                             |  |
| d. Discussed your<br>academic performance<br>with a faculty member                                                 | SFperform                     | 1                   | Never            | 40           | 22    | 382               | 19     | 5,260          | 26      | 42,309           | 27 | 2.2          | 2.3  | -.07                        | 2.1   | .05                         | 2.1    | .11                         |  |
|                                                                                                                    |                               | 2                   | Sometimes        | 78           | 44    | 936               | 46     | 9,313          | 44      | 71,458           | 44 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 3                   | Often            | 48           | 26    | 520               | 25     | 4,395          | 21      | 32,978           | 20 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 4                   | Very often       | 14           | 8     | 200               | 10     | 1,979          | 10      | 13,735           | 8  |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | Total               | 180              | 100          | 2,038 | 100               | 20,947 | 100            | 160,480 | 100              |    |              |      |                             |       |                             |        |                             |  |
| 4. During the current school year, how much has your coursework emphasized the following?                          |                               |                     |                  |              |       |                   |        |                |         |                  |    |              |      |                             |       |                             |        |                             |  |
| a. Memorizing course<br>material                                                                                   | memorize                      | 1                   | Very little      | 17           | 8     | 67                | 3      | 1,041          | 6       | 7,557            | 5  | 2.8          | 2.9  | -.12                        | 2.9   | -.03                        | 2.9    | -.03                        |  |
|                                                                                                                    |                               | 2                   | Some             | 41           | 24    | 525               | 26     | 5,498          | 27      | 43,545           | 28 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 3                   | Quite a bit      | 78           | 43    | 891               | 44     | 9,007          | 43      | 69,734           | 44 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | 4                   | Very much        | 44           | 24    | 536               | 27     | 5,262          | 24      | 38,512           | 24 |              |      |                             |       |                             |        |                             |  |
|                                                                                                                    |                               | Total               | 180              | 100          | 2,019 | 100               | 20,808 | 100            | 159,348 | 100              |    |              |      |                             |       |                             |        |                             |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                             |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|---------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                 | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| b. Applying facts, theories, or methods to practical problems or new situations             | HOapply                    | 1                   | Very little      | 11           | 6     | 67                | 3      | 799            | 4       | 6,454            | 4  | 2.8          | 2.9               | -.14                     | 2.9            | -.13                     | 2.9              | -.10                     |
|                                                                                             |                            | 2                   | Some             | 49           | 27    | 505               | 25     | 5,196          | 26      | 41,668           | 27 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 3                   | Quite a bit      | 85           | 49    | 975               | 49     | 9,558          | 45      | 72,579           | 45 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 4                   | Very much        | 33           | 19    | 461               | 23     | 5,117          | 25      | 37,678           | 23 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | Total               | 178              | 100          | 2,008 | 100               | 20,670 | 100            | 158,379 | 100              |    |              |                   |                          |                |                          |                  |                          |
| c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts      | HOanalyze                  | 1                   | Very little      | 7            | 5     | 64                | 3      | 796            | 4       | 6,405            | 4  | 2.8          | 2.9               | -.11                     | 2.9            | -.15                     | 2.9              | -.09                     |
|                                                                                             |                            | 2                   | Some             | 58           | 32    | 552               | 28     | 5,187          | 25      | 42,196           | 27 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 3                   | Quite a bit      | 75           | 42    | 904               | 45     | 9,033          | 44      | 69,700           | 44 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 4                   | Very much        | 39           | 21    | 472               | 23     | 5,399          | 27      | 38,193           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | Total               | 179              | 100          | 1,992 | 100               | 20,415 | 100            | 156,494 | 100              |    |              |                   |                          |                |                          |                  |                          |
| d. Evaluating a point of view, decision, or information source                              | HOevaluate                 | 1                   | Very little      | 12           | 7     | 49                | 2      | 666            | 4       | 6,149            | 4  | 2.7          | 2.9 **<br>▽       | -.25                     | 3.0 ***<br>▽   | -.30                     | 2.9 *<br>▽       | -.20                     |
|                                                                                             |                            | 2                   | Some             | 61           | 35    | 523               | 27     | 4,897          | 24      | 40,498           | 26 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 3                   | Quite a bit      | 67           | 37    | 921               | 46     | 9,158          | 44      | 70,679           | 45 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 4                   | Very much        | 38           | 21    | 489               | 25     | 5,577          | 28      | 38,364           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | Total               | 178              | 100          | 1,982 | 100               | 20,298 | 100            | 155,690 | 100              |    |              |                   |                          |                |                          |                  |                          |
| e. Forming a new idea or understanding from various pieces of information                   | HOform                     | 1                   | Very little      | 11           | 6     | 51                | 3      | 686            | 4       | 5,801            | 4  | 2.8          | 2.9               | -.17                     | 2.9 *<br>▽     | -.19                     | 2.9              | -.12                     |
|                                                                                             |                            | 2                   | Some             | 52           | 30    | 500               | 26     | 4,885          | 25      | 40,088           | 26 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 3                   | Quite a bit      | 74           | 42    | 958               | 48     | 9,294          | 45      | 71,331           | 46 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 4                   | Very much        | 39           | 21    | 472               | 23     | 5,309          | 27      | 37,629           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | Total               | 176              | 100          | 1,981 | 100               | 20,174 | 100            | 154,849 | 100              |    |              |                   |                          |                |                          |                  |                          |
| 5. During the current school year, to what extent have your instructors done the following? |                            |                     |                  |              |       |                   |        |                |         |                  |    |              |                   |                          |                |                          |                  |                          |
| a. Clearly explained course goals and requirements                                          | ETgoals                    | 1                   | Very little      | 4            | 2     | 45                | 2      | 522            | 3       | 4,161            | 3  | 2.9          | 3.1 *<br>▽        | -.19                     | 3.1 **<br>▽    | -.23                     | 3.0              | -.15                     |
|                                                                                             |                            | 2                   | Some             | 44           | 26    | 385               | 20     | 3,854          | 19      | 32,792           | 22 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 3                   | Quite a bit      | 89           | 50    | 945               | 48     | 8,886          | 43      | 69,760           | 45 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 4                   | Very much        | 37           | 22    | 598               | 30     | 6,805          | 35      | 47,250           | 31 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | Total               | 174              | 100          | 1,973 | 100               | 20,067 | 100            | 153,963 | 100              |    |              |                   |                          |                |                          |                  |                          |
| b. Taught course sessions in an organized way                                               | ETorganize                 | 1                   | Very little      | 8            | 5     | 82                | 4      | 957            | 6       | 7,552            | 5  | 2.9          | 3.0               | -.11                     | 3.0            | -.14                     | 2.9              | -.07                     |
|                                                                                             |                            | 2                   | Some             | 41           | 25    | 421               | 22     | 4,171          | 21      | 34,950           | 23 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 3                   | Quite a bit      | 82           | 47    | 900               | 45     | 8,478          | 41      | 66,995           | 43 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | 4                   | Very much        | 42           | 24    | 563               | 29     | 6,408          | 33      | 43,961           | 29 |              |                   |                          |                |                          |                  |                          |
|                                                                                             |                            | Total               | 173              | 100          | 1,966 | 100               | 20,014 | 100            | 153,458 | 100              |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                   |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|-----------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                       | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| c. Used examples or illustrations to explain difficult points                     | ETexample                  | 1                   | Very little      | 2            | 1     | 69                | 4      | 795            | 4       | 6,495            | 5  | 2.9          | 3.0               | -.05                     | 3.0            | -.09                     | 3.0              | -.03                     |
|                                                                                   |                            | 2                   | Some             | 50           | 29    | 453               | 23     | 4,398          | 22      | 36,109           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 3                   | Quite a bit      | 74           | 44    | 867               | 44     | 8,179          | 40      | 64,363           | 42 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 4                   | Very much        | 48           | 26    | 576               | 29     | 6,608          | 34      | 46,210           | 30 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | Total               | 174              | 100          | 1,965 | 100               | 19,980 | 100            | 153,177 | 100              |    |              |                   |                          |                |                          |                  |                          |
| d. Provided feedback on a draft or work in progress                               | ETdraftfb                  | 1                   | Very little      | 17           | 9     | 114               | 6      | 1,351          | 7       | 12,011           | 8  | 2.8          | 2.9               | -.12                     | 2.9            | -.13                     | 2.8              | -.02                     |
|                                                                                   |                            | 2                   | Some             | 45           | 26    | 501               | 26     | 5,109          | 25      | 43,517           | 29 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 3                   | Quite a bit      | 67           | 40    | 791               | 40     | 7,317          | 36      | 55,994           | 36 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 4                   | Very much        | 45           | 25    | 551               | 28     | 6,136          | 32      | 41,372           | 27 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | Total               | 174              | 100          | 1,957 | 100               | 19,913 | 100            | 152,894 | 100              |    |              |                   |                          |                |                          |                  |                          |
| e. Provided prompt and detailed feedback on tests or completed assignments        | ETfeedback                 | 1                   | Very little      | 20           | 11    | 158               | 8      | 1,615          | 8       | 14,252           | 10 | 2.7          | 2.8               | -.08                     | 2.8            | -.13                     | 2.7              | .00                      |
|                                                                                   |                            | 2                   | Some             | 50           | 29    | 563               | 29     | 5,595          | 28      | 48,502           | 32 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 3                   | Quite a bit      | 65           | 39    | 768               | 40     | 7,367          | 36      | 55,496           | 36 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 4                   | Very much        | 39           | 22    | 465               | 24     | 5,250          | 28      | 33,934           | 22 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | Total               | 174              | 100          | 1,954 | 100               | 19,827 | 100            | 152,184 | 100              |    |              |                   |                          |                |                          |                  |                          |
| f. Explained in advance the criteria for successfully completing your assignments | etcriteria                 | 1                   | Very little      | 10           | 6     | 75                | 4      | 737            | 4       | 6,164            | 4  | 2.9          | 3.0               | -.13                     | 3.1 *          | -.18                     | 3.0              | -.09                     |
|                                                                                   |                            | 2                   | Some             | 43           | 25    | 426               | 22     | 4,230          | 21      | 36,032           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 3                   | Quite a bit      | 73           | 42    | 852               | 44     | 8,231          | 40      | 64,707           | 42 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 4                   | Very much        | 47           | 27    | 590               | 30     | 6,534          | 35      | 44,477           | 30 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | Total               | 173              | 100          | 1,943 | 100               | 19,732 | 100            | 151,380 | 100              |    |              |                   |                          |                |                          |                  |                          |
| g. Reviewed and summarized key ideas or concepts                                  | etreview                   | 1                   | Very little      | 5            | 2     | 55                | 3      | 644            | 4       | 5,243            | 4  | 2.9          | 3.0               | -.12                     | 3.0 *          | -.16                     | 3.0              | -.07                     |
|                                                                                   |                            | 2                   | Some             | 44           | 27    | 446               | 23     | 4,260          | 21      | 36,151           | 24 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 3                   | Quite a bit      | 85           | 49    | 894               | 46     | 8,702          | 43      | 68,107           | 45 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 4                   | Very much        | 38           | 21    | 549               | 28     | 6,085          | 32      | 41,433           | 27 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | Total               | 172              | 100          | 1,944 | 100               | 19,691 | 100            | 150,934 | 100              |    |              |                   |                          |                |                          |                  |                          |
| h. Taught in a way that aligns with how you prefer to learn                       | etprefer                   | 1                   | Very little      | 19           | 11    | 132               | 7      | 1,673          | 9       | 14,641           | 10 | 2.5          | 2.7 *             | -.18                     | 2.7 **         | -.20                     | 2.6              | -.10                     |
|                                                                                   |                            | 2                   | Some             | 64           | 37    | 712               | 37     | 6,512          | 32      | 53,787           | 36 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 3                   | Quite a bit      | 68           | 39    | 731               | 38     | 7,375          | 37      | 55,764           | 36 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | 4                   | Very much        | 22           | 13    | 356               | 19     | 4,067          | 22      | 26,415           | 18 |              |                   |                          |                |                          |                  |                          |
|                                                                                   |                            | Total               | 173              | 100          | 1,931 | 100               | 19,627 | 100            | 150,607 | 100              |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                                                                               |                                                                                                    |                     |                  | Ferris State |        | Honors Consortium |         | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------|------------------|--------------|--------|-------------------|---------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                                                                                                   | Variable name <sup>c</sup>                                                                         | Values <sup>d</sup> | Response options | Count        | %      | Count             | %       | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities                                                                                | etdemonstrate                                                                                      | 1                   | Very little      | 5            | 3      | 45                | 2       | 616            | 4       | 4,642            | 3  | 3.0          | 3.1               | -.10                     | 3.1            | -.11                     | 3.1              | -.05                     |
|                                                                                                                                                                               |                                                                                                    | 2                   | Some             | 32           | 19     | 383               | 20      | 3,439          | 18      | 28,837           | 19 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 3                   | Quite a bit      | 85           | 51     | 813               | 42      | 8,415          | 42      | 65,958           | 43 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 4                   | Very much        | 51           | 28     | 699               | 36      | 7,131          | 37      | 50,878           | 34 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | Total               | 173              | 100          | 1,940  | 100               | 19,601  | 100            | 150,315 | 100              |    |              |                   |                          |                |                          |                  |                          |
| 6. During the current school year, about how often have you done the following?                                                                                               |                                                                                                    |                     |                  |              |        |                   |         |                |         |                  |    | 2.4          | 2.7 **            | -.24                     | 2.6 *          | -.16                     | 2.6 *            | -.17                     |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)                                                                | QRconclude                                                                                         | 1                   | Never            | 27           | 15     | 169               | 8       | 2,133          | 11      | 15,117           | 10 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 2                   | Sometimes        | 67           | 38     | 694               | 35      | 7,193          | 36      | 55,864           | 37 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 3                   | Often            | 56           | 32     | 735               | 39      | 6,770          | 35      | 53,795           | 37 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 4                   | Very often       | 23           | 14     | 319               | 17      | 3,207          | 18      | 23,233           | 16 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | Total               | 173              | 100          | 1,917  | 100               | 19,303  | 100            | 148,009 | 100              |    |              |                   |                          |                |                          |                  |                          |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)                                                    | QRproblem                                                                                          | 1                   | Never            | 47           | 28     | 295               | 15      | 3,403          | 18      | 26,240           | 18 | 2.2          | 2.5 ***           | -.30                     | 2.4 **         | -.23                     | 2.4 **           | -.20                     |
|                                                                                                                                                                               |                                                                                                    | 2                   | Sometimes        | 62           | 35     | 725               | 37      | 7,549          | 39      | 58,916           | 40 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 3                   | Often            | 45           | 27     | 617               | 33      | 5,566          | 29      | 43,587           | 30 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 4                   | Very often       | 16           | 10     | 273               | 14      | 2,709          | 15      | 18,564           | 13 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | Total               | 170              | 100          | 1,910  | 100               | 19,227  | 100            | 147,307 | 100              |    |              |                   |                          |                |                          |                  |                          |
| c. Evaluated what others have concluded from numerical information                                                                                                            | QRevaluate                                                                                         | 1                   | Never            | 30           | 17     | 291               | 15      | 3,469          | 18      | 25,913           | 18 | 2.3          | 2.4 *             | -.17                     | 2.4            | -.09                     | 2.3              | -.07                     |
|                                                                                                                                                                               |                                                                                                    | 2                   | Sometimes        | 80           | 47     | 760               | 39      | 7,811          | 40      | 61,089           | 41 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 3                   | Often            | 46           | 26     | 615               | 33      | 5,531          | 29      | 43,616           | 30 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 4                   | Very often       | 16           | 10     | 239               | 13      | 2,327          | 13      | 15,956           | 11 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | Total               | 172              | 100          | 1,905  | 100               | 19,138  | 100            | 146,574 | 100              |    |              |                   |                          |                |                          |                  |                          |
| 7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.) |                                                                                                    |                     |                  |              |        |                   |         |                |         |                  |    | 5.0          | 6.4 ***           | -.24                     | 7.0 ***        | -.33                     | 6.4 ***          | -.25                     |
| a. Up to 5 pages                                                                                                                                                              | wrshortnum                                                                                         | 0                   | None             | 21           | 11     | 119               | 6       | 1,237          | 7       | 10,053           | 7  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               | (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.) | 1.5                 | 1-2              | 38           | 23     | 439               | 23      | 3,450          | 18      | 29,651           | 20 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 4                   | 3-5              | 59           | 35     | 616               | 32      | 5,904          | 30      | 46,686           | 32 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 8                   | 6-10             | 38           | 22     | 392               | 21      | 4,420          | 23      | 32,159           | 22 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 13                  | 11-15            | 8            | 4      | 180               | 10      | 2,076          | 11      | 14,440           | 10 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 18                  | 16-20            | 4            | 2      | 62                | 3       | 872            | 5       | 6,009            | 4  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                               |                                                                                                    | 23                  | More than 20     | 4            | 2      | 96                | 5       | 1,137          | 6       | 7,377            | 5  |              |                   |                          |                |                          |                  |                          |
| Total                                                                                                                                                                         | 172                                                                                                | 100                 | 1,904            | 100          | 19,096 | 100               | 146,375 | 100            |         |                  |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                    |                                                                                                                                               |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State |        | Honors Consortium        |          | Carnegie Class           |        | NSSE 2021 & 2022         |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------|--------|--------------------------|----------|--------------------------|--------|--------------------------|--|
| Item wording or description                                                                                        | Variable name <sup>c</sup>                                                                                                                    | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean         | Mean   | Effect size <sup>e</sup> | Mean     | Effect size <sup>e</sup> | Mean   | Effect size <sup>e</sup> |  |
| b. Between 6 and 10 pages                                                                                          | wrmednum                                                                                                                                      | 0                   | None             | 77           | 45    | 734               | 38     | 7,024          | 38      | 56,506           | 40  | 1.9          | 2.2    | -.09                     | 2.5 *    | -16                      | 2.3    | -11                      |  |
|                                                                                                                    | (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)                                              | 1.5                 | 1-2              | 56           | 33    | 665               | 35     | 6,383          | 32      | 50,007           | 33  |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 4                                                                                                                                             | 3-5                 | 20               | 12           | 317   | 17                | 3,460  | 18             | 23,963  | 16               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 8                                                                                                                                             | 6-10                | 13               | 7            | 119   | 7                 | 1,424  | 8              | 10,112  | 7                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 13                                                                                                                                            | 11-15               | 3                | 2            | 43    | 2                 | 430    | 2              | 3,166   | 2                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 18                                                                                                                                            | 16-20               | 2                | 1            | 6     | 0                 | 113    | 1              | 882     | 1                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 23                                                                                                                                            | More than 20        | 0                | 0            | 9     | 0                 | 190    | 1              | 1,177   | 1                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | Total                                                                                                                                         |                     |                  | 171          | 100   | 1,893             | 100    | 19,024         | 100     | 145,813          | 100 |              |        |                          |          |                          |        |                          |  |
| c. 11 pages or more                                                                                                | wrlongnum                                                                                                                                     | 0                   | None             | 141          | 82    | 1,474             | 77     | 14,492         | 75      | 112,713          | 77  | .7           | .9     | -.09                     | 1.2 **   | -15                      | 1.1 *  | -12                      |  |
|                                                                                                                    | (Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)                                             | 1.5                 | 1-2              | 22           | 13    | 255               | 13     | 2,713          | 14      | 19,949           | 13  |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 4                                                                                                                                             | 3-5                 | 3                | 2            | 86    | 5                 | 786    | 4              | 5,575   | 4                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 8                                                                                                                                             | 6-10                | 3                | 2            | 41    | 2                 | 479    | 3              | 3,490   | 3                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 13                                                                                                                                            | 11-15               | 0                | 0            | 28    | 1                 | 319    | 2              | 2,479   | 2                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 18                                                                                                                                            | 16-20               | 3                | 1            | 3     | 0                 | 72     | 0              | 620     | 0                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 23                                                                                                                                            | More than 20        | 0                | 0            | 9     | 1                 | 178    | 1              | 1,088   | 1                |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | Total                                                                                                                                         |                     |                  | 172          | 100   | 1,896             | 100    | 19,039         | 100     | 145,914          | 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.) |                     |                  |              |       |                   |        |                |         |                  |     | 40.7         | 50.3   | -.14                     | 58.8 *** | -.21                     | 53.4 * | -.16                     |  |
| 8. During the current school year, about how often have you had discussions with people from the following groups? |                                                                                                                                               |                     |                  |              |       |                   |        |                |         |                  |     |              |        |                          |          |                          |        |                          |  |
| a. People of a race or ethnicity other than your own                                                               | DDrace                                                                                                                                        | 1                   | Never            | 13           | 8     | 84                | 5      | 1,227          | 7       | 9,063            | 7   | 2.8          | 3.0 ** | -.24                     | 3.0 *    | -16                      | 2.9    | -14                      |  |
|                                                                                                                    | 2                                                                                                                                             | Sometimes           | 51               | 30           | 462   | 24                | 4,741  | 25             | 39,214  | 27               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 3                                                                                                                                             | Often               | 63               | 37           | 661   | 35                | 6,161  | 32             | 47,209  | 32               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 4                                                                                                                                             | Very often          | 45               | 25           | 686   | 36                | 6,907  | 36             | 50,473  | 34               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | Total                                                                                                                                         |                     | 172              | 100          | 1,893 | 100               | 19,036 | 100            | 145,959 | 100              |     |              |        |                          |          |                          |        |                          |  |
| b. People from an economic background other than your own                                                          | DDeconomic                                                                                                                                    | 1                   | Never            | 6            | 3     | 84                | 4      | 1,204          | 7       | 8,894            | 7   | 3.0          | 3.0    | -.04                     | 2.9      | .04                      | 2.9    | .08                      |  |
|                                                                                                                    | 2                                                                                                                                             | Sometimes           | 46               | 26           | 455   | 24                | 4,723  | 25             | 38,417  | 27               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 3                                                                                                                                             | Often               | 66               | 40           | 703   | 37                | 6,779  | 35             | 53,068  | 36               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | 4                                                                                                                                             | Very often          | 54               | 31           | 652   | 34                | 6,296  | 33             | 45,268  | 31               |     |              |        |                          |          |                          |        |                          |  |
|                                                                                                                    | Total                                                                                                                                         |                     | 172              | 100          | 1,894 | 100               | 19,002 | 100            | 145,647 | 100              |     |              |        |                          |          |                          |        |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

| 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> |                   |                |                  |                          |                          |
|---------------------------------------------------------|------------------------------------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                         |                                                            |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                         |                                                            |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| c. People with religious beliefs other than your own    | DDreligion                                                 | 1                   | Never            | 15                                   | 9   | 118               | 6   | 1,671          | 10  | 13,075           | 9   | 2.8                                  | 3.0               | -.12           | 2.8              | .03                      | .03                      |
|                                                         |                                                            | 2                   | Sometimes        | 42                                   | 23  | 460               | 25  | 5,541          | 29  | 42,289           | 29  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 70                                   | 42  | 680               | 36  | 6,027          | 31  | 47,063           | 32  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 45                                   | 26  | 635               | 33  | 5,766          | 30  | 43,180           | 30  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 172                                  | 100 | 1,893             | 100 | 19,005         | 100 | 145,607          | 100 |                                      |                   |                |                  |                          |                          |
| d. People with political views other than your own      | DDpolitical                                                | 1                   | Never            | 16                                   | 9   | 105               | 6   | 1,683          | 10  | 13,242           | 10  | 2.8                                  | 2.9               | -.15           | 2.8              | .00                      | 2.8                      |
|                                                         |                                                            | 2                   | Sometimes        | 44                                   | 25  | 548               | 29  | 5,760          | 30  | 46,003           | 31  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 73                                   | 45  | 631               | 33  | 6,018          | 31  | 45,821           | 31  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 38                                   | 22  | 608               | 32  | 5,517          | 29  | 40,518           | 28  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 171                                  | 100 | 1,892             | 100 | 18,978         | 100 | 145,584          | 100 |                                      |                   |                |                  |                          |                          |
| e. People with a sexual orientation other than your own | ddsexorient<br>(Comparison data are limited to NSSE 2022.) | 1                   | Never            | 20                                   | 13  | 135               | 8   | 1,508          | 13  | 9,098            | 11  | 2.6                                  | 2.9 ***<br>▼      | -.27           | 2.7              | -.07                     | 2.8                      |
|                                                         |                                                            | 2                   | Sometimes        | 52                                   | 32  | 524               | 28  | 3,920          | 30  | 27,144           | 30  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 59                                   | 33  | 591               | 31  | 3,952          | 29  | 27,916           | 30  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 41                                   | 22  | 644               | 33  | 3,891          | 28  | 27,697           | 29  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 172                                  | 100 | 1,894             | 100 | 13,271         | 100 | 91,855           | 100 |                                      |                   |                |                  |                          |                          |
| f. People from a country other than your own            | ddcountry<br>(Comparison data are limited to NSSE 2022.)   | 1                   | Never            | 35                                   | 20  | 197               | 10  | 1,798          | 16  | 12,222           | 14  | 2.2                                  | 2.6 ***<br>▼      | -.39           | 2.5 ***<br>▼     | -.26                     | 2.5 ***<br>▼             |
|                                                         |                                                            | 2                   | Sometimes        | 80                                   | 48  | 768               | 40  | 5,336          | 40  | 36,534           | 40  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 35                                   | 20  | 496               | 26  | 3,276          | 24  | 22,840           | 24  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 22                                   | 12  | 433               | 23  | 2,881          | 21  | 20,364           | 22  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 172                                  | 100 | 1,894             | 100 | 13,291         | 100 | 91,960           | 100 |                                      |                   |                |                  |                          |                          |

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

|                                                        |           |       |            |     |     |       |     |        |     |         |     |     |             |      |              |      |            |
|--------------------------------------------------------|-----------|-------|------------|-----|-----|-------|-----|--------|-----|---------|-----|-----|-------------|------|--------------|------|------------|
| a. Identified key information from reading assignments | LSreading | 1     | Never      | 6   | 3   | 40    | 2   | 420    | 3   | 3,537   | 3   | 2.8 | 3.0 **<br>▼ | -.22 | 3.0 ***<br>▼ | -.27 | 3.0 *<br>▼ |
|                                                        |           | 2     | Sometimes  | 52  | 31  | 444   | 24  | 4,187  | 22  | 35,005  | 25  |     |             |      |              |      |            |
|                                                        |           | 3     | Often      | 83  | 48  | 888   | 47  | 8,705  | 45  | 67,359  | 46  |     |             |      |              |      |            |
|                                                        |           | 4     | Very often | 31  | 18  | 510   | 26  | 5,572  | 30  | 38,818  | 26  |     |             |      |              |      |            |
|                                                        |           | Total |            | 172 | 100 | 1,882 | 100 | 18,884 | 100 | 144,719 | 100 |     |             |      |              |      |            |
| b. Reviewed your notes after class                     | LSnotes   | 1     | Never      | 13  | 7   | 77    | 5   | 854    | 5   | 7,062   | 5   | 2.8 | 3.0 *<br>▼  | -.17 | 3.0 *<br>▼   | -.15 | 2.9        |
|                                                        |           | 2     | Sometimes  | 47  | 29  | 471   | 26  | 4,936  | 26  | 41,608  | 29  |     |             |      |              |      |            |
|                                                        |           | 3     | Often      | 63  | 37  | 704   | 38  | 6,808  | 36  | 53,057  | 36  |     |             |      |              |      |            |
|                                                        |           | 4     | Very often | 48  | 26  | 627   | 32  | 6,274  | 33  | 42,910  | 29  |     |             |      |              |      |            |
|                                                        |           | Total |            | 171 | 100 | 1,879 | 100 | 18,872 | 100 | 144,637 | 100 |     |             |      |              |      |            |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                                |                                                                                  |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State |      | Honors Consortium        |      | Carnegie Class           |      | NSSE 2021 & 2022         |  |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|------|--------------------------|------|--------------------------|------|--------------------------|--|
| Item wording or description                                                                                                    | Variable name <sup>c</sup>                                                       | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean | Effect size <sup>e</sup> | Mean | Effect size <sup>e</sup> | Mean | Effect size <sup>e</sup> |  |
| c. Summarized what you learned in class or from course materials                                                               | LSummary                                                                         | 1                   | Never            | 8            | 4     | 64                | 4      | 852            | 5       | 7,447            | 5  | 2.8          | 2.9  | -.15                     | 2.9  | -.14                     | 2.8  | -.05                     |  |
|                                                                                                                                |                                                                                  | 2                   | Sometimes        | 58           | 36    | 517               | 28     | 5,138          | 27      | 43,340           | 30 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 3                   | Often            | 63           | 36    | 761               | 41     | 7,466          | 39      | 57,559           | 39 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 4                   | Very often       | 42           | 24    | 536               | 27     | 5,396          | 29      | 36,226           | 25 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Total               | 171              | 100          | 1,878 | 100               | 18,852 | 100            | 144,572 | 100              |    |              |      |                          |      |                          |      |                          |  |
| 10. During the current school year, to what extent have your courses challenged you to do your best work?                      |                                                                                  |                     |                  |              |       |                   |        |                |         |                  |    |              |      |                          |      |                          |      |                          |  |
| challenge                                                                                                                      |                                                                                  | 1                   | Not at all       | 2            | 1     | 15                | 1      | 167            | 1       | 1,225            | 1  | 5.3          | 5.3  | -.03                     | 5.5  | -.15                     | 5.4  | -.07                     |  |
|                                                                                                                                |                                                                                  | 2                   |                  | 2            | 1     | 30                | 2      | 246            | 2       | 1,887            | 1  |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 3                   |                  | 8            | 5     | 104               | 6      | 805            | 4       | 6,952            | 5  |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 4                   |                  | 25           | 15    | 239               | 14     | 2,240          | 12      | 18,451           | 13 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 5                   |                  | 57           | 34    | 628               | 33     | 5,878          | 31      | 48,073           | 33 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 6                   |                  | 42           | 25    | 459               | 24     | 4,651          | 24      | 35,581           | 24 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | 7                   | Very much        | 33           | 18    | 394               | 20     | 4,738          | 26      | 31,555           | 22 |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Total               | 169              | 100          | 1,869 | 100               | 18,725 | 100            | 143,724 | 100              |    |              |      |                          |      |                          |      |                          |  |
| 11. Which of the following have you done while in college or do you plan to do before you graduate? <sup>f</sup>               |                                                                                  |                     |                  |              |       |                   |        |                |         |                  |    |              |      |                          |      |                          |      |                          |  |
| a. Participate in an internship, co-op, field experience, student teaching, or clinical placement                              | intern<br>(Means indicate the percentage who responded "Done or in progress.")   | Have not decided    | 22               | 14           | 320   | 18                | 3,138  | 18             | 22,909  | 17               | 6% | 6%           | .00  | 7%                       | -.04 | 7%                       | -.03 |                          |  |
|                                                                                                                                |                                                                                  | Do not plan to do   | 8                | 5            | 149   | 9                 | 1,241  | 8              | 9,049   | 7                |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Plan to do          | 128              | 75           | 1,289 | 68                | 13,045 | 68             | 101,971 | 69               |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Done or in progress | 10               | 6            | 107   | 6                 | 1,278  | 7              | 9,489   | 7                |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Total               | 168              | 100          | 1,865 | 100               | 18,702 | 100            | 143,418 | 100              |    |              |      |                          |      |                          |      |                          |  |
| b. Hold a formal leadership role in a student organization or group                                                            | leader<br>(Means indicate the percentage who responded "Done or in progress.")   | Have not decided    | 47               | 28           | 563   | 30                | 5,761  | 32             | 43,813  | 31               | 9% | 9%           | -.02 | 9%                       | -.02 | 9%                       | .00  |                          |  |
|                                                                                                                                |                                                                                  | Do not plan to do   | 60               | 36           | 573   | 31                | 4,881  | 27             | 36,706  | 27               |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Plan to do          | 47               | 27           | 544   | 29                | 6,186  | 32             | 49,484  | 33               |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Done or in progress | 14               | 9            | 180   | 9                 | 1,809  | 9              | 13,045  | 9                |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Total               | 168              | 100          | 1,860 | 100               | 18,637 | 100            | 143,048 | 100              |    |              |      |                          |      |                          |      |                          |  |
| c. Participate in a learning community or some other formal program where groups of students take two or more classes together | learncom<br>(Means indicate the percentage who responded "Done or in progress.") | Have not decided    | 62               | 37           | 626   | 34                | 6,811  | 37             | 52,325  | 37               | 8% | 11%          | -.13 | 10%                      | -.09 | 10%                      | -.07 |                          |  |
|                                                                                                                                |                                                                                  | Do not plan to do   | 57               | 34           | 499   | 27                | 4,615  | 26             | 36,001  | 26               |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Plan to do          | 37               | 21           | 510   | 27                | 5,162  | 27             | 40,162  | 28               |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Done or in progress | 12               | 8            | 221   | 11                | 1,986  | 10             | 14,054  | 10               |    |              |      |                          |      |                          |      |                          |  |
|                                                                                                                                |                                                                                  | Total               | 168              | 100          | 1,856 | 100               | 18,574 | 100            | 142,542 | 100              |    |              |      |                          |      |                          |      |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                                                         |                                                                                  |                     |                  | Ferris State |     | Honors Consortium |       | Carnegie Class |        | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium |                             | Carnegie Class |                             | NSSE 2021 & 2022 |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------|------------------|--------------|-----|-------------------|-------|----------------|--------|------------------|-----|--------------|-------------------|-----------------------------|----------------|-----------------------------|------------------|-----------------------------|
| Item wording<br>or description                                                                                                                          | Variable<br>name <sup>c</sup>                                                    | Values <sup>d</sup> | Response options | Count        | %   | Count             | %     | Count          | %      | Count            | %   | Mean         | Mean              | Effect<br>size <sup>e</sup> | Mean           | Effect<br>size <sup>e</sup> | Mean             | Effect<br>size <sup>e</sup> |
| d. Participate in a study<br>abroad program                                                                                                             | abroad                                                                           |                     | Have not decided | 47           | 27  | 594               | 32    | 5,822          | 32     | 44,001           | 31  | 2%           | 2%                | .00                         | 2%             | -.01                        | 2%               | .01                         |
|                                                                                                                                                         | (Means indicate<br>the percentage<br>who responded<br>"Done or in<br>progress.") | Do not plan to do   | 93               | 57           | 661 | 36                | 6,467 | 36             | 46,142 | 34               |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Plan to do                                                                       | 25                  | 13               | 561          | 30  | 5,836             | 30    | 49,483         | 33     |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Done or in progress                                                              | 3                   | 2                | 40           | 2   | 450               | 2     | 2,949          | 2      |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Total                                                                            | 168                 | 100              | 1,856        | 100 | 18,575            | 100   | 142,575        | 100    |                  |     |              |                   |                             |                |                             |                  |                             |
| e. Work with a faculty<br>member on a research<br>project                                                                                               | research                                                                         |                     | Have not decided | 69           | 42  | 704               | 38    | 7,590          | 41     | 56,772           | 40  | 5%           | 6%                | -.05                        | 5%             | .00                         | 5%               | .01                         |
|                                                                                                                                                         | (Means indicate<br>the percentage<br>who responded<br>"Done or in<br>progress.") | Do not plan to do   | 52               | 31           | 492 | 26                | 4,749 | 26             | 33,831 | 24               |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Plan to do                                                                       | 39                  | 23               | 554          | 30  | 5,382             | 29    | 45,469         | 31     |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Done or in progress                                                              | 8                   | 5                | 106          | 6   | 850               | 5     | 6,505          | 5      |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Total                                                                            | 168                 | 100              | 1,856        | 100 | 18,571            | 100   | 142,577        | 100    |                  |     |              |                   |                             |                |                             |                  |                             |
| f. Complete a<br>culminating senior<br>experience (capstone<br>course, senior project<br>or thesis, portfolio,<br>recital, comprehensive<br>exam, etc.) | capstone                                                                         |                     | Have not decided | 51           | 32  | 664               | 36    | 6,462          | 36     | 50,321           | 36  | 3%           | 2%                | .04                         | 2%             | .05                         | 2%               | .06                         |
|                                                                                                                                                         | (Means indicate<br>the percentage<br>who responded<br>"Done or in<br>progress.") | Do not plan to do   | 20               | 12           | 268 | 15                | 2,139 | 13             | 15,747 | 12               |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Plan to do                                                                       | 93                  | 53               | 875          | 47  | 9,570             | 50    | 73,673         | 50     |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Done or in progress                                                              | 5                   | 3                | 42           | 2   | 376               | 2     | 2,725          | 2      |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | Total                                                                            | 169                 | 100              | 1,849        | 100 | 18,547            | 100   | 142,466        | 100    |                  |     |              |                   |                             |                |                             |                  |                             |
| 12. About how many of your courses at this institution have included a community-based project (service-learning)?                                      |                                                                                  |                     |                  |              |     |                   |       |                |        |                  |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         | servcourse                                                                       | 1                   | None             | 93           | 56  | 850               | 47    | 8,477          | 46     | 71,709           | 52  | 1.6          | 1.6               | -.09                        | 1.7            | -.14                        | 1.6              | -.02                        |
|                                                                                                                                                         |                                                                                  | 2                   | Some             | 55           | 32  | 807               | 43    | 7,956          | 42     | 57,102           | 39  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 3                   | Most             | 16           | 10  | 155               | 8     | 1,557          | 9      | 10,319           | 7   |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 4                   | All              | 4            | 2   | 28                | 2     | 442            | 3      | 2,456            | 2   |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  |                     | Total            | 168          | 100 | 1,840             | 100   | 18,432         | 100    | 141,586          | 100 |              |                   |                             |                |                             |                  |                             |
| 13. Indicate the quality of your interactions with the following people at your institution.                                                            |                                                                                  |                     |                  |              |     |                   |       |                |        |                  |     |              |                   |                             |                |                             |                  |                             |
| a. Students                                                                                                                                             | QIstudent                                                                        | 1                   | Poor             | 0            | 0   | 34                | 2     | 355            | 2      | 3,203            | 2   | 5.4          | 5.4               | .01                         | 5.4            | -.02                        | 5.3              | .08                         |
|                                                                                                                                                         |                                                                                  |                     |                  | 5            | 3   | 43                | 2     | 443            | 2      | 3,732            | 3   |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 3                   |                  | 8            | 5   | 85                | 5     | 951            | 5      | 7,860            | 6   |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 4                   |                  | 16           | 9   | 232               | 13    | 2,199          | 12     | 17,684           | 12  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 5                   |                  | 51           | 30  | 499               | 27    | 4,561          | 24     | 36,923           | 26  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 6                   |                  | 53           | 32  | 489               | 27    | 4,713          | 25     | 36,693           | 25  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | 7                   | Excellent        | 32           | 19  | 442               | 24    | 4,827          | 27     | 31,578           | 22  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  | —                   | Not applicable   | 2            | 1   | 21                | 1     | 431            | 3      | 4,066            | 3   |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                         |                                                                                  |                     | Total            | 167          | 100 | 1,845             | 100   | 18,480         | 100    | 141,739          | 100 |              |                   |                             |                |                             |                  |                             |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                         |                               |                     |                  | Ferris State |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                             | Carnegie Class |                             | NSSE 2021 & 2022 |                             |
|-----------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------|-----|-------------------|-----|----------------|-----|------------------|----|--------------|-------------------|-----------------------------|----------------|-----------------------------|------------------|-----------------------------|
| Item wording<br>or description                                                          | Variable<br>name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %   | Count             | %   | Count          | %   | Count            | %  | Mean         | Mean              | Effect<br>size <sup>e</sup> | Mean           | Effect<br>size <sup>e</sup> | Mean             | Effect<br>size <sup>e</sup> |
| b. Academic advisors                                                                    | Qladvisor                     | 1                   | Poor             | 3            | 2   | 43                | 2   | 482            | 3   | 4,064            | 3  | 5.4          | 5.5               | -.08                        | 5.5            | -.05                        | 5.4              | .02                         |
|                                                                                         |                               | 2                   |                  | 4            | 2   | 51                | 3   | 615            | 3   | 5,321            | 4  |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 3                   |                  | 17           | 10  | 116               | 6   | 1,110          | 6   | 9,411            | 7  |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 4                   |                  | 16           | 10  | 194               | 10  | 2,108          | 11  | 17,428           | 12 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 5                   |                  | 29           | 17  | 359               | 20  | 3,592          | 19  | 27,673           | 19 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 6                   |                  | 50           | 30  | 408               | 22  | 3,938          | 21  | 30,709           | 21 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 7                   | Excellent        | 45           | 27  | 662               | 36  | 6,284          | 35  | 44,095           | 31 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | —                   | Not applicable   | 2            | 1   | 12                | 1   | 329            | 2   | 2,889            | 2  |              |                   |                             |                |                             |                  |                             |
|                                                                                         | Total                         | 166                 | 100              | 1,845        | 100 | 18,458            | 100 | 141,590        | 100 |                  |    |              |                   |                             |                |                             |                  |                             |
| c. Faculty                                                                              | Qlfaculty                     | 1                   | Poor             | 0            | 0   | 25                | 1   | 261            | 2   | 2,481            | 2  | 5.3          | 5.4               | -.07                        | 5.5 *          | -.17                        | 5.3              | -.05                        |
|                                                                                         |                               | 2                   |                  | 6            | 3   | 47                | 3   | 352            | 2   | 3,554            | 3  |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 3                   |                  | 11           | 7   | 105               | 6   | 867            | 5   | 7,628            | 5  |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 4                   |                  | 22           | 13  | 238               | 13  | 2,167          | 12  | 18,282           | 13 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 5                   |                  | 49           | 30  | 486               | 26  | 4,463          | 23  | 36,036           | 25 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 6                   |                  | 46           | 27  | 483               | 26  | 5,026          | 26  | 38,782           | 27 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 7                   | Excellent        | 30           | 18  | 438               | 24  | 4,979          | 29  | 32,160           | 23 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | —                   | Not applicable   | 3            | 2   | 24                | 1   | 331            | 2   | 2,599            | 2  |              |                   |                             |                |                             |                  |                             |
|                                                                                         | Total                         | 167                 | 100              | 1,846        | 100 | 18,446            | 100 | 141,522        | 100 |                  |    |              |                   |                             |                |                             |                  |                             |
| d. Student services staff<br>(career services,<br>student activities,<br>housing, etc.) | Qlstaff                       | 1                   | Poor             | 4            | 3   | 68                | 4   | 603            | 4   | 5,061            | 4  | 5.0          | 5.1               | -.06                        | 5.2            | -.12                        | 5.1              | -.04                        |
|                                                                                         |                               | 2                   |                  | 11           | 6   | 63                | 3   | 610            | 3   | 5,402            | 4  |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 3                   |                  | 13           | 7   | 120               | 7   | 1,067          | 5   | 9,208            | 6  |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 4                   |                  | 18           | 11  | 239               | 14  | 2,300          | 12  | 18,209           | 13 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 5                   |                  | 39           | 23  | 358               | 19  | 3,542          | 18  | 28,336           | 19 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 6                   |                  | 32           | 19  | 384               | 20  | 3,685          | 19  | 28,474           | 20 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | 7                   | Excellent        | 32           | 19  | 399               | 22  | 4,259          | 24  | 28,736           | 20 |              |                   |                             |                |                             |                  |                             |
|                                                                                         |                               | —                   | Not applicable   | 18           | 11  | 211               | 12  | 2,369          | 14  | 18,059           | 14 |              |                   |                             |                |                             |                  |                             |
|                                                                                         | Total                         | 167                 | 100              | 1,842        | 100 | 18,435            | 100 | 141,485        | 100 |                  |    |              |                   |                             |                |                             |                  |                             |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                           |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium | Carnegie Class           |         | NSSE 2021 & 2022         |        |                          |
|-----------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------|-------------------|--------------------------|---------|--------------------------|--------|--------------------------|
| Item wording or description                                                                               | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean         | Mean              | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean   | Effect size <sup>e</sup> |
| e. Other administrative staff and offices (registrar, financial aid, etc.)                                | Qladmin                    | 1                   | Poor             | 3            | 2     | 53                | 3      | 551            | 3       | 4,816            | 4   | 5.0          | 5.1               | -.08                     | 5.3 *   | -.16                     | 5.1    | -.05                     |
|                                                                                                           |                            | 2                   |                  | 10           | 6     | 86                | 5      | 651            | 3       | 5,754            | 4   |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 3                   |                  | 9            | 5     | 110               | 6      | 1,174          | 6       | 9,925            | 7   |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 4                   |                  | 24           | 15    | 265               | 14     | 2,445          | 13      | 19,552           | 14  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 5                   |                  | 46           | 27    | 390               | 21     | 3,732          | 20      | 29,855           | 21  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 6                   |                  | 29           | 16    | 391               | 20     | 3,812          | 20      | 29,223           | 20  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 7                   | Excellent        | 30           | 18    | 414               | 22     | 4,752          | 27      | 30,210           | 21  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | —                   | Not applicable   | 16           | 10    | 135               | 8      | 1,356          | 8       | 12,242           | 9   |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | Total               | 167              | 100          | 1,844 | 100               | 18,473 | 100            | 141,577 | 100              |     |              |                   |                          |         |                          |        |                          |
| 14. How much does your institution emphasize the following?                                               |                            |                     |                  |              |       |                   |        |                |         |                  |     |              |                   |                          |         |                          |        |                          |
| a. Spending significant amounts of time studying and on academic work                                     | empstudy                   | 1                   | Very little      | 3            | 2     | 28                | 1      | 330            | 2       | 2,593            | 2   | 2.9          | 3.0               | -.13                     | 3.0     | -.14                     | 3.1 *  | -.16                     |
|                                                                                                           |                            | 2                   | Some             | 39           | 25    | 423               | 24     | 3,611          | 21      | 27,857           | 20  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 86           | 51    | 825               | 45     | 8,896          | 48      | 67,025           | 47  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 4                   | Very much        | 40           | 22    | 563               | 30     | 5,558          | 29      | 43,565           | 30  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            |                     | Total            | 168          | 100   | 1,839             | 100    | 18,395         | 100     | 141,040          | 100 |              |                   |                          |         |                          |        |                          |
| b. Providing support to help students succeed academically                                                | SEacademic                 | 1                   | Very little      | 11           | 6     | 89                | 5      | 905            | 6       | 6,836            | 5   | 2.8          | 2.9               | -.15                     | 3.0 **  | -.22                     | 2.9 *  | -.17                     |
|                                                                                                           |                            | 2                   | Some             | 46           | 28    | 450               | 26     | 4,123          | 23      | 33,966           | 25  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 78           | 47    | 804               | 43     | 7,615          | 40      | 60,376           | 42  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 4                   | Very much        | 32           | 19    | 494               | 26     | 5,695          | 31      | 39,546           | 28  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            |                     | Total            | 167          | 100   | 1,837             | 100    | 18,338         | 100     | 140,724          | 100 |              |                   |                          |         |                          |        |                          |
| c. Using learning support services (tutoring services, writing center, etc.)                              | SElearnsup                 | 1                   | Very little      | 19           | 12    | 139               | 8      | 1,320          | 8       | 10,239           | 8   | 2.7          | 3.0 **            | -.25                     | 3.0 *** | -.29                     | 3.0 ** | -.25                     |
|                                                                                                           |                            | 2                   | Some             | 44           | 28    | 372               | 22     | 3,596          | 20      | 29,033           | 21  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 63           | 37    | 690               | 37     | 6,748          | 36      | 53,906           | 38  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 4                   | Very much        | 41           | 23    | 632               | 33     | 6,653          | 36      | 47,362           | 33  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            |                     | Total            | 167          | 100   | 1,833             | 100    | 18,317         | 100     | 140,540          | 100 |              |                   |                          |         |                          |        |                          |
| d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.) | SEdiverse                  | 1                   | Very little      | 27           | 17    | 168               | 9      | 2,038          | 12      | 16,862           | 13  | 2.5          | 2.7 **            | -.25                     | 2.7 **  | -.24                     | 2.7 *  | -.17                     |
|                                                                                                           |                            | 2                   | Some             | 52           | 31    | 541               | 30     | 5,209          | 28      | 41,776           | 30  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 62           | 37    | 693               | 37     | 6,329          | 34      | 49,222           | 35  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            | 4                   | Very much        | 26           | 15    | 431               | 23     | 4,714          | 26      | 32,526           | 23  |              |                   |                          |         |                          |        |                          |
|                                                                                                           |                            |                     | Total            | 167          | 100   | 1,833             | 100    | 18,290         | 100     | 140,386          | 100 |              |                   |                          |         |                          |        |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

|                                                                                              |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|----------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| e. Providing opportunities to be involved socially                                           | SEsocial                   | 1                   | Very little      | 13           | 9     | 93                | 6      | 1,476          | 9       | 12,334           | 10 | 2.7          | 2.9 ***<br>▽      | -.29                     | 2.9 **<br>▽    | -.23                     | 2.8              | -.15                     |
|                                                                                              |                            | 2                   | Some             | 56           | 34    | 454               | 26     | 4,541          | 25      | 37,147           | 27 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit      | 70           | 41    | 770               | 41     | 6,963          | 37      | 54,605           | 38 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much        | 28           | 17    | 507               | 27     | 5,279          | 29      | 36,110           | 25 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 167              | 100          | 1,824 | 100               | 18,259 | 100            | 140,196 | 100              |    |              |                   |                          |                |                          |                  |                          |
| f. Providing support for your overall well-being (recreation, health care, counseling, etc.) | SEwellness                 | 1                   | Very little      | 20           | 12    | 118               | 7      | 1,704          | 10      | 13,004           | 10 | 2.6          | 2.9 ***<br>▽      | -.33                     | 2.8 ***<br>▽   | -.26                     | 2.8 **<br>▽      | -.22                     |
|                                                                                              |                            | 2                   | Some             | 55           | 33    | 494               | 28     | 4,880          | 27      | 39,056           | 28 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit      | 68           | 41    | 709               | 39     | 6,758          | 36      | 53,123           | 37 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much        | 24           | 14    | 502               | 27     | 4,906          | 27      | 34,910           | 25 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 167              | 100          | 1,823 | 100               | 18,248 | 100            | 140,093 | 100              |    |              |                   |                          |                |                          |                  |                          |
| g. Helping you manage your non-academic responsibilities (work, family, etc.)                | SEnonacad                  | 1                   | Very little      | 53           | 32    | 390               | 22     | 4,434          | 24      | 35,918           | 26 | 2.0          | 2.3 ***<br>▽      | -.34                     | 2.3 ***<br>▽   | -.30                     | 2.2 **<br>▽      | -.23                     |
|                                                                                              |                            | 2                   | Some             | 66           | 41    | 670               | 36     | 6,585          | 35      | 51,780           | 37 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit      | 36           | 21    | 489               | 27     | 4,611          | 25      | 34,850           | 25 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much        | 11           | 6     | 274               | 15     | 2,591          | 15      | 17,335           | 13 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 166              | 100          | 1,823 | 100               | 18,221 | 100            | 139,883 | 100              |    |              |                   |                          |                |                          |                  |                          |
| h. Attending campus activities and events (performing arts, athletic events, etc.)           | SEactivities               | 1                   | Very little      | 21           | 13    | 146               | 8      | 2,963          | 18      | 21,189           | 17 | 2.6          | 2.8 **<br>▽       | -.24                     | 2.6            | -.06                     | 2.6              | -.04                     |
|                                                                                              |                            | 2                   | Some             | 55           | 35    | 515               | 29     | 4,631          | 25      | 38,738           | 28 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit      | 58           | 35    | 699               | 38     | 6,290          | 33      | 49,277           | 34 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much        | 31           | 18    | 460               | 25     | 4,322          | 24      | 30,629           | 21 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 165              | 100          | 1,820 | 100               | 18,206 | 100            | 139,833 | 100              |    |              |                   |                          |                |                          |                  |                          |
| i. Attending events that address important social, economic, or political issues             | SEevents                   | 1                   | Very little      | 39           | 24    | 302               | 17     | 3,735          | 22      | 28,241           | 21 | 2.3          | 2.4 *<br>▽        | -.18                     | 2.4            | -.11                     | 2.4              | -.09                     |
|                                                                                              |                            | 2                   | Some             | 60           | 36    | 670               | 37     | 6,135          | 33      | 49,443           | 35 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit      | 46           | 28    | 551               | 30     | 5,423          | 29      | 41,708           | 29 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much        | 20           | 12    | 300               | 16     | 2,902          | 16      | 20,423           | 14 |              |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 165              | 100          | 1,823 | 100               | 18,195 | 100            | 139,815 | 100              |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

| First-Year Students                                                                                                                        |                                                                                                          |                     |                   | Frequency Distributions <sup>a</sup> |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup>   |                   |                          |                |                          |                  |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------|-------------------|--------------------------------------|-------|-------------------|--------|----------------|---------|------------------|----|----------------------------------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
|                                                                                                                                            |                                                                                                          |                     |                   |                                      |       |                   |        |                |         |                  |    | Your first-year students compared with |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          |                     |                   | Ferris State                         |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                           | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
| Item wording or description                                                                                                                | Variable name <sup>c</sup>                                                                               | Values <sup>d</sup> | Response options  | Count                                | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                   | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| 15. To what extent do you agree or disagree with the following statements?                                                                 |                                                                                                          |                     |                   |                                      |       |                   |        |                |         |                  |    |                                        |                   |                          |                |                          |                  |                          |
| a. I feel comfortable being myself at this institution.                                                                                    | sbmyself                                                                                                 | 1                   | Strongly disagree | 4                                    | 3     | 36                | 2      | 450            | 3       | 3,210            | 2  | 3.2                                    | 3.2               | .00                      | 3.2            | -.09                     | 3.2              | -.04                     |
|                                                                                                                                            |                                                                                                          | 2                   | Disagree          | 13                                   | 9     | 165               | 9      | 1,459          | 8       | 11,890           | 9  |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 3                   | Agree             | 94                                   | 56    | 1,044             | 57     | 9,716          | 51      | 77,868           | 55 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 4                   | Strongly agree    | 53                                   | 32    | 577               | 32     | 6,582          | 38      | 46,825           | 34 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 164               | 100                                  | 1,822 | 100               | 18,207 | 100            | 139,793 | 100              |    |                                        |                   |                          |                |                          |                  |                          |
| b. I feel valued by this institution.                                                                                                      | sbvalued                                                                                                 | 1                   | Strongly disagree | 8                                    | 5     | 60                | 4      | 656            | 4       | 5,581            | 4  | 2.8                                    | 2.9 *             | -.18                     | 3.1 ***        | -.33                     | 3.0 *            | -.20                     |
|                                                                                                                                            |                                                                                                          | 2                   | Disagree          | 40                                   | 26    | 325               | 18     | 2,701          | 15      | 24,002           | 18 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 3                   | Agree             | 91                                   | 53    | 1,075             | 59     | 10,009         | 54      | 79,156           | 56 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 4                   | Strongly agree    | 26                                   | 16    | 357               | 19     | 4,818          | 28      | 30,845           | 22 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 165               | 100                                  | 1,817 | 100               | 18,184 | 100            | 139,584 | 100              |    |                                        |                   |                          |                |                          |                  |                          |
| c. I feel like part of the community at this institution.                                                                                  | sbcommunity                                                                                              | 1                   | Strongly disagree | 9                                    | 6     | 83                | 5      | 768            | 4       | 6,212            | 5  | 2.8                                    | 2.9 *             | -.18                     | 3.0 ***        | -.29                     | 2.9 *            | -.19                     |
|                                                                                                                                            |                                                                                                          | 2                   | Disagree          | 37                                   | 23    | 339               | 19     | 3,089          | 17      | 26,506           | 19 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 3                   | Agree             | 95                                   | 57    | 1,010             | 56     | 9,481          | 51      | 74,902           | 53 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 4                   | Strongly agree    | 24                                   | 14    | 387               | 21     | 4,859          | 28      | 32,129           | 23 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 165               | 100                                  | 1,819 | 100               | 18,197 | 100            | 139,749 | 100              |    |                                        |                   |                          |                |                          |                  |                          |
| 16. About how many hours do you spend in a typical 7-day week doing the following?                                                         |                                                                                                          |                     |                   |                                      |       |                   |        |                |         |                  |    |                                        |                   |                          |                |                          |                  |                          |
| a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) | tmprephrs<br>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.) | 0                   | 0 hrs             | 0                                    | 0     | 10                | 1      | 69             | 1       | 558              | 0  | 13.6                                   | 14.0              | -.06                     | 14.8 *         | -.15                     | 15.2 **          | -.20                     |
|                                                                                                                                            |                                                                                                          | 3                   | 1-5 hrs           | 21                                   | 13    | 213               | 12     | 2,042          | 12      | 15,217           | 11 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 8                   | 6-10 hrs          | 39                                   | 25    | 414               | 23     | 3,816          | 22      | 28,808           | 21 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 13                  | 11-15 hrs         | 42                                   | 25    | 452               | 25     | 4,162          | 23      | 30,983           | 22 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 18                  | 16-20 hrs         | 37                                   | 21    | 381               | 20     | 3,630          | 19      | 28,341           | 20 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 23                  | 21-25 hrs         | 18                                   | 11    | 185               | 10     | 2,181          | 12      | 17,311           | 12 |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 28                  | 26-30 hrs         | 4                                    | 3     | 88                | 5      | 1,112          | 6       | 8,974            | 6  |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 33                  | More than 30 hrs  | 5                                    | 3     | 73                | 4      | 1,124          | 6       | 9,080            | 7  |                                        |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 166               | 100                                  | 1,816 | 100               | 18,136 | 100            | 139,272 | 100              |    |                                        |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                                                                           |                                                                                                 |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                                                                                               | Variable name <sup>c</sup>                                                                      | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) | tmcocurrhrs                                                                                     | 0                   | 0 hrs            | 73           | 44    | 732               | 41     | 7,312          | 43      | 55,911           | 42  | 4.1          | 5.2 *             | -.17                     | 5.0 *          | -.14                     | 4.9              | -.12                     |
|                                                                                                                                                                           | (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)  | 3                   | 1-5 hrs          | 56           | 33    | 504               | 27     | 5,245          | 27      | 41,082           | 28  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 8                                                                                               | 6-10 hrs            | 15               | 9            | 226   | 13                | 2,332  | 13             | 18,281  | 13               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 13                                                                                              | 11-15 hrs           | 13               | 8            | 170   | 10                | 1,492  | 8              | 10,989  | 8                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 18                                                                                              | 16-20 hrs           | 3                | 2            | 100   | 6                 | 883    | 5              | 6,567   | 5                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 23                                                                                              | 21-25 hrs           | 3                | 2            | 39    | 2                 | 436    | 2              | 3,217   | 2                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 28                                                                                              | 26-30 hrs           | 1                | 1            | 18    | 1                 | 167    | 1              | 1,268   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 33                                                                                              | More than 30 hrs    | 2                | 1            | 18    | 1                 | 238    | 1              | 1,721   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | Total                                                                                           |                     | 166              | 100          | 1,807 | 100               | 18,105 | 100            | 139,036 | 100              |     |              |                   |                          |                |                          |                  |                          |
| c. Working for pay on campus                                                                                                                                              | tmworkonhrs                                                                                     | 0                   | 0 hrs            | 123          | 75    | 1,475             | 82     | 14,727         | 82      | 113,615          | 83  | 2.9          | 2.4               | .07                      | 2.2            | .12                      | 2.1              | .14                      |
|                                                                                                                                                                           | (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)  | 3                   | 1-5 hrs          | 10           | 6     | 47                | 2      | 671            | 3       | 5,035            | 3   |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 8                                                                                               | 6-10 hrs            | 11               | 7            | 84    | 5                 | 1,052  | 5              | 7,721   | 5                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 13                                                                                              | 11-15 hrs           | 10               | 6            | 93    | 5                 | 806    | 4              | 6,054   | 4                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 18                                                                                              | 16-20 hrs           | 8                | 5            | 67    | 4                 | 545    | 3              | 4,222   | 3                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 23                                                                                              | 21-25 hrs           | 4                | 2            | 27    | 2                 | 187    | 1              | 1,464   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 28                                                                                              | 26-30 hrs           | 0                | 0            | 10    | 1                 | 47     | 0              | 420     | 0                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 33                                                                                              | More than 30 hrs    | 0                | 0            | 7     | 0                 | 97     | 1              | 655     | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | Total                                                                                           |                     | 166              | 100          | 1,810 | 100               | 18,132 | 100            | 139,186 | 100              |     |              |                   |                          |                |                          |                  |                          |
| d. Working for pay off campus                                                                                                                                             | tmworkoffhrs                                                                                    | 0                   | 0 hrs            | 109          | 66    | 830               | 47     | 10,604         | 58      | 85,332           | 61  | 5.8          | 9.8 ***           | -.36                     | 8.4 **         | -.21                     | 7.2              | -.12                     |
|                                                                                                                                                                           | (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 12           | 6     | 96                | 5      | 846            | 4       | 7,189            | 5   |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 8                                                                                               | 6-10 hrs            | 5                | 3            | 131   | 7                 | 1,107  | 6              | 8,216   | 6                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 13                                                                                              | 11-15 hrs           | 8                | 5            | 146   | 8                 | 1,130  | 6              | 8,499   | 6                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 18                                                                                              | 16-20 hrs           | 9                | 6            | 197   | 11                | 1,228  | 6              | 9,500   | 7                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 23                                                                                              | 21-25 hrs           | 10               | 6            | 198   | 11                | 925    | 5              | 7,212   | 5                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 28                                                                                              | 26-30 hrs           | 7                | 4            | 106   | 6                 | 599    | 3              | 4,514   | 3                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 33                                                                                              | More than 30 hrs    | 6                | 3            | 106   | 6                 | 1,694  | 11             | 8,752   | 7                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | Total                                                                                           |                     | 166              | 100          | 1,810 | 100               | 18,133 | 100            | 139,214 | 100              |     |              |                   |                          |                |                          |                  |                          |
| Estimated number of hours working for pay                                                                                                                                 | tmworkhrs                                                                                       |                     |                  |              |       |                   |        |                |         |                  | 8.7 | 12.3 ***     | -.29              | 10.6 *                   | -.15           | 9.2                      | -.04             |                          |
| (Continuous variable created by NSSE)                                                                                                                                     |                                                                                                 |                     |                  |              |       |                   |        |                |         |                  |     |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                  |                                                                                                 |                     |                  | Ferris State |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium | Carnegie Class           | NSSE 2021 & 2022 |                          |        |                          |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|------------------|--------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------|-------------------|--------------------------|------------------|--------------------------|--------|--------------------------|
| Item wording or description                                                                                      | Variable name <sup>c</sup>                                                                      | Values <sup>d</sup> | Response options | Count        | %   | Count             | %   | Count          | %   | Count            | %   | Mean         | Mean              | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> | Mean   | Effect size <sup>e</sup> |
| e. Doing community service or volunteer work                                                                     | tmservicehrs                                                                                    | 0                   | 0 hrs            | 114          | 71  | 1,114             | 62  | 11,051         | 61  | 91,029           | 66  | 1.6          | 2.3               | -.15                     | 2.6 **           | -.18                     | 2.1    | -.10                     |
|                                                                                                                  | (Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 41           | 22  | 472               | 26  | 4,882          | 26  | 34,027           | 24  |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 8                   | 6-10 hrs         | 5            | 3   | 102               | 6   | 1,054          | 6   | 6,998            | 5   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 13                  | 11-15 hrs        | 2            | 2   | 55                | 3   | 530            | 3   | 3,393            | 3   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 18                  | 16-20 hrs        | 1            | 1   | 34                | 2   | 295            | 2   | 1,852            | 1   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 23                  | 21-25 hrs        | 3            | 2   | 14                | 1   | 135            | 1   | 932              | 1   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 28                  | 26-30 hrs        | 0            | 0   | 2                 | 0   | 53             | 0   | 289              | 0   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 33                  | More than 30 hrs | 0            | 0   | 6                 | 0   | 111            | 1   | 599              | 0   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | Total               |                  | 166          | 100 | 1,799             | 100 | 18,111         | 100 | 139,119          | 100 |              |                   |                          |                  |                          |        |                          |
| f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | tmrelaxhrs                                                                                      | 0                   | 0 hrs            | 4            | 3   | 32                | 2   | 528            | 4   | 3,163            | 3   | 13.5         | 12.7              | .09                      | 11.7 **          | .21                      | 12.3   | .14                      |
|                                                                                                                  | (Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)   | 3                   | 1-5 hrs          | 29           | 17  | 340               | 18  | 4,167          | 23  | 29,631           | 21  |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 8                   | 6-10 hrs         | 41           | 24  | 490               | 27  | 4,943          | 26  | 38,082           | 27  |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 13                  | 11-15 hrs        | 28           | 17  | 410               | 22  | 3,690          | 20  | 29,006           | 21  |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 18                  | 16-20 hrs        | 37           | 23  | 259               | 15  | 2,325          | 13  | 18,675           | 14  |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 23                  | 21-25 hrs        | 10           | 6   | 130               | 7   | 1,048          | 6   | 8,533            | 6   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 28                  | 26-30 hrs        | 5            | 3   | 44                | 3   | 484            | 3   | 3,917            | 3   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 33                  | More than 30 hrs | 12           | 8   | 103               | 7   | 941            | 6   | 8,147            | 6   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | Total               |                  | 166          | 100 | 1,808             | 100 | 18,126         | 100 | 139,154          | 100 |              |                   |                          |                  |                          |        |                          |
| g. Providing care for dependents (children, parents, etc.)                                                       | tmcarehrs                                                                                       | 0                   | 0 hrs            | 139          | 83  | 1,279             | 70  | 12,428         | 66  | 101,856          | 72  | 1.9          | 2.8               | -.14                     | 5.2 ***          | -.32                     | 3.5 ** | -.19                     |
|                                                                                                                  | (Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)    | 3                   | 1-5 hrs          | 13           | 7   | 236               | 13  | 2,069          | 11  | 15,161           | 11  |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 8                   | 6-10 hrs         | 4            | 2   | 106               | 6   | 900            | 5   | 6,937            | 5   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 13                  | 11-15 hrs        | 5            | 4   | 78                | 4   | 655            | 4   | 4,636            | 3   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 18                  | 16-20 hrs        | 1            | 1   | 48                | 3   | 388            | 2   | 2,703            | 2   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 23                  | 21-25 hrs        | 0            | 0   | 27                | 1   | 246            | 2   | 1,546            | 1   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 28                  | 26-30 hrs        | 0            | 0   | 5                 | 0   | 144            | 1   | 811              | 1   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | 33                  | More than 30 hrs | 4            | 3   | 25                | 1   | 1,246          | 9   | 5,253            | 4   |              |                   |                          |                  |                          |        |                          |
|                                                                                                                  |                                                                                                 | Total               |                  | 166          | 100 | 1,804             | 100 | 18,076         | 100 | 138,903          | 100 |              |                   |                          |                  |                          |        |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                                                                           |                                                                                                 |                             |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State |      | Honors Consortium        |         | Carnegie Class           |        | NSSE 2021 & 2022         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------|------|--------------------------|---------|--------------------------|--------|--------------------------|--|
| Item wording or description                                                                                                                                               | Variable name <sup>c</sup>                                                                      | Values <sup>d</sup>         | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean         | Mean | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean   | Effect size <sup>e</sup> |  |
| h. Commuting to campus (driving, walking, etc.)                                                                                                                           | tmcommutehrs                                                                                    | 0                           | 0 hrs            | 43           | 26    | 481               | 26     | 9,827          | 56      | 66,206           | 47  | 4.9          | 4.9  | .01                      | 3.2 *** | .30                      | 3.4 ** | .26                      |  |
|                                                                                                                                                                           | (Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.) | 3                           | 1-5 hrs          | 74           | 45    | 841               | 47     | 5,127          | 26      | 47,702           | 34  |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 8                                                                                               | 6-10 hrs                    | 25               | 14           | 271   | 15                | 1,649  | 9              | 13,581  | 10               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 13                                                                                              | 11-15 hrs                   | 15               | 9            | 110   | 6                 | 670    | 4              | 5,563   | 4                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 18                                                                                              | 16-20 hrs                   | 5                | 3            | 45    | 3                 | 347    | 2              | 2,723   | 2                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 23                                                                                              | 21-25 hrs                   | 1                | 1            | 28    | 1                 | 187    | 1              | 1,383   | 1                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 28                                                                                              | 26-30 hrs                   | 1                | 1            | 7     | 0                 | 77     | 0              | 566     | 0                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 33                                                                                              | More than 30 hrs            | 2                | 1            | 25    | 2                 | 227    | 1              | 1,448   | 1                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | Total                                                                                           |                             | 166              | 100          | 1,808 | 100               | 18,111 | 100            | 139,172 | 100              |     |              |      |                          |         |                          |        |                          |  |
| 17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?                                                             |                                                                                                 |                             |                  |              |       |                   |        |                |         |                  |     |              |      |                          |         |                          |        |                          |  |
| reading                                                                                                                                                                   | 1                                                                                               | Very little                 | 34               | 21           | 265   | 15                | 2,041  | 12             | 17,544  | 14               | 2.4 | 2.6          | -.14 | 2.8 ***                  | -.31    | 2.7 **                   | -.22   |                          |  |
|                                                                                                                                                                           | 2                                                                                               | Some                        | 59               | 35           | 660   | 37                | 5,995  | 33             | 49,086  | 36               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 3                                                                                               | About half                  | 48               | 29           | 530   | 29                | 5,461  | 30             | 39,358  | 28               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 4                                                                                               | Most                        | 18               | 12           | 260   | 14                | 3,278  | 18             | 23,880  | 17               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 5                                                                                               | Almost all                  | 5                | 4            | 88    | 5                 | 1,279  | 7              | 8,902   | 6                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | Total                                                                                           |                             | 164              | 100          | 1,803 | 100               | 18,054 | 100            | 138,770 | 100              |     |              |      |                          |         |                          |        |                          |  |
| tmreadinghrs                                                                                                                                                              |                                                                                                 |                             |                  |              |       |                   |        |                |         |                  |     | 5.5          | 5.9  | -.08                     | 6.9 *** | -.23                     | 6.7 ** | -.21                     |  |
| (Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90) |                                                                                                 |                             |                  |              |       |                   |        |                |         |                  |     |              |      |                          |         |                          |        |                          |  |
| tmreadinghrscol                                                                                                                                                           | 1                                                                                               | 0 hrs                       | 0                | 0            | 10    | 1                 | 67     | 1              | 548     | 0                |     |              |      |                          |         |                          |        |                          |  |
| (Collapsed version of tmreadinghrs created by NSSE.)                                                                                                                      | 2                                                                                               | More than zero, up to 5 hrs | 108              | 66           | 995   | 56                | 8,788  | 50             | 68,929  | 51               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 3                                                                                               | More than 5, up to 10 hrs   | 29               | 17           | 506   | 28                | 5,282  | 28             | 40,337  | 29               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 4                                                                                               | More than 10, up to 15 hrs  | 15               | 10           | 164   | 9                 | 1,918  | 10             | 14,210  | 10               |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 5                                                                                               | More than 15, up to 20 hrs  | 9                | 5            | 73    | 4                 | 985    | 5              | 7,442   | 5                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 6                                                                                               | More than 20, up to 25 hrs  | 2                | 2            | 39    | 2                 | 628    | 3              | 4,700   | 3                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | 7                                                                                               | More than 25 hrs            | 1                | 1            | 12    | 1                 | 315    | 2              | 2,021   | 1                |     |              |      |                          |         |                          |        |                          |  |
|                                                                                                                                                                           | Total                                                                                           |                             | 164              | 100          | 1,799 | 100               | 17,983 | 100            | 138,187 | 100              |     |              |      |                          |         |                          |        |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

|                                                                                                                                              |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                                                                  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| 18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas? |                            |                     |                  |              |       |                   |        |                |         |                  |    |              |                   |                          |                |                          |                  |                          |
| a. Writing clearly and effectively                                                                                                           | pgwrite                    | 1                   | Very little      | 11           | 7     | 84                | 5      | 967            | 5       | 9,138            | 7  | 2.6          | 2.9 ***<br>▼      | -.37                     | 2.9 ***<br>▼   | -.39                     | 2.8 **<br>▼      | -.23                     |
|                                                                                                                                              |                            | 2                   | Some             | 59           | 36    | 435               | 25     | 4,362          | 24      | 38,125           | 28 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 76           | 46    | 826               | 46     | 7,868          | 43      | 59,889           | 42 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 4                   | Very much        | 19           | 11    | 458               | 25     | 4,865          | 28      | 31,579           | 23 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | Total               | 165              | 100          | 1,803 | 100               | 18,062 | 100            | 138,731 | 100              |    |              |                   |                          |                |                          |                  |                          |
| b. Speaking clearly and effectively                                                                                                          | pgspeak                    | 1                   | Very little      | 13           | 8     | 149               | 9      | 1,692          | 9       | 15,403           | 12 | 2.6          | 2.8 *<br>▼        | -.17                     | 2.8 *<br>▼     | -.17                     | 2.7              | -.03                     |
|                                                                                                                                              |                            | 2                   | Some             | 62           | 37    | 510               | 28     | 5,224          | 29      | 43,181           | 31 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 62           | 38    | 718               | 40     | 6,793          | 37      | 51,990           | 37 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 4                   | Very much        | 28           | 16    | 426               | 23     | 4,330          | 25      | 28,005           | 20 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | Total               | 165              | 100          | 1,803 | 100               | 18,039 | 100            | 138,579 | 100              |    |              |                   |                          |                |                          |                  |                          |
| c. Thinking critically and analytically                                                                                                      | pgthink                    | 1                   | Very little      | 5            | 3     | 33                | 2      | 489            | 3       | 4,400            | 4  | 3.0          | 3.1 *<br>▼        | -.18                     | 3.1 **<br>▼    | -.22                     | 3.1              | -.12                     |
|                                                                                                                                              |                            | 2                   | Some             | 40           | 25    | 344               | 20     | 3,181          | 17      | 26,739           | 20 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 73           | 44    | 822               | 45     | 7,909          | 43      | 62,367           | 44 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 4                   | Very much        | 47           | 27    | 601               | 33     | 6,469          | 37      | 45,061           | 32 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | Total               | 165              | 100          | 1,800 | 100               | 18,048 | 100            | 138,567 | 100              |    |              |                   |                          |                |                          |                  |                          |
| d. Analyzing numerical and statistical information                                                                                           | pganalyze                  | 1                   | Very little      | 26           | 14    | 151               | 8      | 2,339          | 13      | 16,892           | 12 | 2.5          | 2.8 ***<br>▼      | -.27                     | 2.7 *<br>▼     | -.16                     | 2.7 *<br>▼       | -.16                     |
|                                                                                                                                              |                            | 2                   | Some             | 52           | 32    | 551               | 30     | 5,593          | 30      | 42,682           | 30 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 64           | 40    | 679               | 38     | 6,222          | 34      | 49,698           | 36 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 4                   | Very much        | 23           | 13    | 418               | 24     | 3,889          | 23      | 29,278           | 22 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | Total               | 165              | 100          | 1,799 | 100               | 18,043 | 100            | 138,550 | 100              |    |              |                   |                          |                |                          |                  |                          |
| e. Acquiring job- or work-related knowledge and skills                                                                                       | pgwork                     | 1                   | Very little      | 22           | 12    | 225               | 13     | 2,272          | 13      | 19,812           | 15 | 2.7          | 2.6               | .05                      | 2.7            | -.02                     | 2.6              | .10                      |
|                                                                                                                                              |                            | 2                   | Some             | 48           | 28    | 578               | 32     | 5,572          | 30      | 45,148           | 32 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 64           | 41    | 634               | 34     | 6,185          | 34      | 46,636           | 33 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 4                   | Very much        | 30           | 19    | 369               | 20     | 4,012          | 23      | 26,972           | 20 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | Total               | 164              | 100          | 1,806 | 100               | 18,041 | 100            | 138,568 | 100              |    |              |                   |                          |                |                          |                  |                          |
| f. Working effectively with others                                                                                                           | pgothers                   | 1                   | Very little      | 7            | 4     | 120               | 7      | 1,273          | 8       | 11,819           | 9  | 2.8          | 2.8               | -.03                     | 2.9            | -.06                     | 2.7              | .06                      |
|                                                                                                                                              |                            | 2                   | Some             | 54           | 32    | 471               | 27     | 4,808          | 26      | 40,182           | 29 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 69           | 43    | 777               | 43     | 7,202          | 39      | 54,584           | 39 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | 4                   | Very much        | 36           | 21    | 438               | 23     | 4,761          | 27      | 31,990           | 23 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                              |                            | Total               | 166              | 100          | 1,806 | 100               | 18,044 | 100            | 138,575 | 100              |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

| 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> |                   |                |                  |                          |                          |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                                                                                 |                               |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                                                                                 |                               |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| g. Developing or clarifying a personal code of values and ethics                                                | pgvalues                      | 1                   | Very little      | 16                                   | 10  | 176               | 11  | 1,537          | 9   | 15,406           | 12  | 2.6                                  | 2.7               | -0.15          | 2.8 ***          | -0.28                    | 2.7                      |
|                                                                                                                 |                               | 2                   | Some             | 59                                   | 37  | 503               | 28  | 4,782          | 26  | 40,725           | 30  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 3                   | Quite a bit      | 66                                   | 39  | 734               | 40  | 6,994          | 38  | 52,228           | 37  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 4                   | Very much        | 25                                   | 15  | 391               | 21  | 4,710          | 27  | 30,091           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | Total               |                  | 166                                  | 100 | 1,804             | 100 | 18,023         | 100 | 138,450          | 100 |                                      |                   |                |                  |                          |                          |
| h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.) | pgdiverse                     | 1                   | Very little      | 15                                   | 10  | 117               | 7   | 1,369          | 8   | 12,448           | 10  | 2.6                                  | 2.9 ***           | -0.35          | 2.9 ***          | -0.34                    | 2.8 **                   |
|                                                                                                                 |                               | 2                   | Some             | 63                                   | 39  | 446               | 25  | 4,566          | 25  | 37,903           | 28  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 3                   | Quite a bit      | 61                                   | 37  | 735               | 40  | 6,869          | 37  | 52,387           | 37  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 4                   | Very much        | 26                                   | 15  | 505               | 28  | 5,220          | 30  | 35,790           | 26  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | Total               |                  | 165                                  | 100 | 1,803             | 100 | 18,024         | 100 | 138,528          | 100 |                                      |                   |                |                  |                          |                          |
| i. Solving complex real-world problems                                                                          | pgprobsolve                   | 1                   | Very little      | 29                                   | 17  | 180               | 11  | 1,875          | 11  | 15,632           | 12  | 2.4                                  | 2.7 ***           | -0.35          | 2.7 ***          | -0.36                    | 2.6 ***                  |
|                                                                                                                 |                               | 2                   | Some             | 63                                   | 38  | 541               | 30  | 5,641          | 30  | 45,766           | 33  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 3                   | Quite a bit      | 57                                   | 35  | 714               | 39  | 6,416          | 35  | 49,400           | 35  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 4                   | Very much        | 17                                   | 10  | 368               | 20  | 4,109          | 24  | 27,771           | 20  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | Total               |                  | 166                                  | 100 | 1,803             | 100 | 18,041         | 100 | 138,569          | 100 |                                      |                   |                |                  |                          |                          |
| j. Being an informed and active citizen                                                                         | pgcitizen                     | 1                   | Very little      | 23                                   | 14  | 193               | 11  | 1,909          | 11  | 16,439           | 13  | 2.3                                  | 2.7 ***           | -0.40          | 2.7 ***          | -0.43                    | 2.6 ***                  |
|                                                                                                                 |                               | 2                   | Some             | 76                                   | 47  | 522               | 29  | 5,472          | 30  | 44,890           | 32  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 3                   | Quite a bit      | 53                                   | 30  | 700               | 38  | 6,415          | 35  | 48,689           | 34  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | 4                   | Very much        | 14                                   | 8   | 390               | 21  | 4,261          | 25  | 28,705           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                                                 |                               | Total               |                  | 166                                  | 100 | 1,805             | 100 | 18,057         | 100 | 138,723          | 100 |                                      |                   |                |                  |                          |                          |

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

|         |       |           |     |     |       |     |        |     |         |     |     |     |       |        |       |     |       |
|---------|-------|-----------|-----|-----|-------|-----|--------|-----|---------|-----|-----|-----|-------|--------|-------|-----|-------|
| evalexp | 1     | Poor      | 4   | 2   | 38    | 2   | 422    | 3   | 3,436   | 3   | 3.0 | 3.1 | -0.12 | 3.2 ** | -0.24 | 3.1 | -0.12 |
|         | 2     | Fair      | 34  | 22  | 261   | 15  | 2,589  | 14  | 23,019  | 17  |     |     |       |        |       |     |       |
|         | 3     | Good      | 87  | 52  | 1,039 | 57  | 8,893  | 48  | 71,317  | 51  |     |     |       |        |       |     |       |
|         | 4     | Excellent | 39  | 24  | 465   | 26  | 6,188  | 36  | 41,156  | 29  |     |     |       |        |       |     |       |
|         | Total |           | 164 | 100 | 1,803 | 100 | 18,092 | 100 | 138,928 | 100 |     |     |       |        |       |     |       |

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

|          |       |                |     |     |       |     |        |     |         |     |     |     |       |     |       |     |       |
|----------|-------|----------------|-----|-----|-------|-----|--------|-----|---------|-----|-----|-----|-------|-----|-------|-----|-------|
| sameinst | 1     | Definitely no  | 5   | 3   | 62    | 3   | 712    | 4   | 4,893   | 4   | 3.1 | 3.1 | -0.01 | 3.2 | -0.11 | 3.2 | -0.06 |
|          | 2     | Probably no    | 26  | 15  | 266   | 15  | 2,376  | 13  | 18,746  | 13  |     |     |       |     |       |     |       |
|          | 3     | Probably yes   | 82  | 49  | 856   | 48  | 7,752  | 41  | 63,976  | 46  |     |     |       |     |       |     |       |
|          | 4     | Definitely yes | 54  | 33  | 626   | 34  | 7,306  | 42  | 51,687  | 37  |     |     |       |     |       |     |       |
|          | Total |                | 167 | 100 | 1,810 | 100 | 18,146 | 100 | 139,302 | 100 |     |     |       |     |       |     |       |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your first-year students compared with

| Item wording<br>or description                                                                                                                               | Variable<br>name <sup>c</sup> | Values <sup>d</sup> | Response options | Ferris State |     | Honors<br>Consortium |     | Carnegie Class |     | NSSE 2021 &<br>2022 |     | Ferris State | Honors Consortium |                             | Carnegie Class |                             | NSSE 2021 & 2022 |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------|-----|----------------------|-----|----------------|-----|---------------------|-----|--------------|-------------------|-----------------------------|----------------|-----------------------------|------------------|-----------------------------|
|                                                                                                                                                              |                               |                     |                  | Count        | %   | Count                | %   | Count          | %   | Count               | %   | Mean         | Mean              | Effect<br>size <sup>e</sup> | Mean           | Effect<br>size <sup>e</sup> | Mean             | Effect<br>size <sup>e</sup> |
| 21. Do you intend to return to this institution next year? <sup>f</sup>                                                                                      |                               |                     |                  |              |     |                      |     |                |     |                     |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              | returnexp                     | No                  |                  | 7            | 4   | 90                   | 5   | 784            | 5   | 5,565               | 4   | 88%          | 88%               | .03                         | 86%            | .06                         | 88%              | .02                         |
| (Means indicate the percentage who<br>responded "Yes.")                                                                                                      |                               | Yes                 |                  | 149          | 88  | 1,592                | 88  | 15,849         | 86  | 122,830             | 88  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              |                               | Not sure            |                  | 11           | 7   | 130                  | 7   | 1,507          | 9   | 11,093              | 8   |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              |                               | Total               |                  | 167          | 100 | 1,812                | 100 | 18,140         | 100 | 139,488             | 100 |              |                   |                             |                |                             |                  |                             |
| 22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic? |                               |                     |                  |              |     |                      |     |                |     |                     |     |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              | covidexp                      | 1                   | Very little      | 14           | 9   | 81                   | 5   | 969            | 6   | 7,756               | 6   | 2.9          | 3.0 *             | -.20                        | 3.1 **         | -.25                        | 3.0 *            | -.18                        |
|                                                                                                                                                              |                               | 2                   | Some             | 41           | 25  | 373                  | 21  | 3,570          | 19  | 28,985              | 21  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              |                               | 3                   | Quite a bit      | 62           | 37  | 759                  | 41  | 6,670          | 35  | 53,821              | 38  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              |                               | 4                   | Very much        | 49           | 28  | 608                  | 33  | 6,972          | 39  | 49,085              | 35  |              |                   |                             |                |                             |                  |                             |
|                                                                                                                                                              |                               |                     | Total            | 166          | 100 | 1,821                | 100 | 18,181         | 100 | 139,647             | 100 |              |                   |                             |                |                             |                  |                             |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

|                                                                                            |                            |                     |                  | Frequency Distributions <sup>a</sup> |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup> |              |                          |              |                          |              |                          |  |
|--------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------------------------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--|
|                                                                                            |                            |                     |                  | Ferris State                         |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                         |              | Honors Consortium        |              | Carnegie Class           |              | NSSE 2021 & 2022         |  |
| Item wording or description                                                                | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count                                | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                 | Mean         | Effect size <sup>e</sup> | Mean         | Effect size <sup>e</sup> | Mean         | Effect size <sup>e</sup> |  |
| 1. During the current school year, about how often have you done the following?            |                            |                     |                  |                                      |       |                   |        |                |         |                  |    |                                      |              |                          |              |                          |              |                          |  |
| a. Asked questions or contributed to course discussions in other ways                      | askquest                   | 1                   | Never            | 10                                   | 2     | 67                | 4      | 629            | 2       | 6,346            | 4  | 3.2                                  | 3.1 ***<br>▲ | .19                      | 3.2          | .04                      | 3.0 ***<br>▲ | .24                      |  |
|                                                                                            |                            | 2                   | Sometimes        | 122                                  | 19    | 478               | 25     | 6,244          | 22      | 55,948           | 28 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 3                   | Often            | 209                                  | 34    | 645               | 33     | 8,769          | 30      | 67,195           | 32 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 4                   | Very often       | 298                                  | 46    | 762               | 39     | 12,847         | 46      | 78,749           | 37 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | Total               | 639              | 100                                  | 1,952 | 100               | 28,489 | 100            | 208,238 | 100              |    |                                      |              |                          |              |                          |              |                          |  |
| b. Asked another student to help you understand course material                            | CLaskhelp                  | 1                   | Never            | 107                                  | 18    | 307               | 17     | 7,487          | 29      | 38,956           | 21 | 2.4                                  | 2.4          | -.04                     | 2.2 ***<br>▲ | .24                      | 2.3          | .07                      |  |
|                                                                                            |                            | 2                   | Sometimes        | 247                                  | 40    | 757               | 39     | 10,761         | 38      | 84,472           | 41 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 3                   | Often            | 173                                  | 26    | 525               | 26     | 6,014          | 20      | 50,172           | 23 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 4                   | Very often       | 105                                  | 16    | 350               | 17     | 4,065          | 13      | 33,493           | 15 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | Total               | 632              | 100                                  | 1,939 | 100               | 28,327 | 100            | 207,093 | 100              |    |                                      |              |                          |              |                          |              |                          |  |
| c. Explained course material to one or more students                                       | CLexplain                  | 1                   | Never            | 68                                   | 11    | 183               | 11     | 5,237          | 21      | 25,371           | 14 | 2.6                                  | 2.7          | -.05                     | 2.4 ***<br>▲ | .24                      | 2.5 *<br>▲   | .08                      |  |
|                                                                                            |                            | 2                   | Sometimes        | 224                                  | 36    | 674               | 35     | 10,291         | 37      | 77,298           | 38 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 3                   | Often            | 212                                  | 33    | 655               | 33     | 7,761          | 26      | 64,082           | 30 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 4                   | Very often       | 132                                  | 20    | 429               | 22     | 5,017          | 16      | 40,186           | 19 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | Total               | 636              | 100                                  | 1,941 | 100               | 28,306 | 100            | 206,937 | 100              |    |                                      |              |                          |              |                          |              |                          |  |
| d. Prepared for exams by discussing or working through course material with other students | CLstudy                    | 1                   | Never            | 162                                  | 27    | 436               | 24     | 9,339          | 36      | 54,628           | 29 | 2.3                                  | 2.4          | -.05                     | 2.1 ***<br>▲ | .20                      | 2.2          | .06                      |  |
|                                                                                            |                            | 2                   | Sometimes        | 207                                  | 32    | 656               | 34     | 8,824          | 31      | 69,979           | 34 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 3                   | Often            | 165                                  | 26    | 485               | 24     | 5,695          | 19      | 47,822           | 22 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 4                   | Very often       | 102                                  | 16    | 355               | 18     | 4,314          | 14      | 33,473           | 16 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | Total               | 636              | 100                                  | 1,932 | 100               | 28,172 | 100            | 205,902 | 100              |    |                                      |              |                          |              |                          |              |                          |  |
| e. Worked with other students on course projects or assignments                            | CLproject                  | 1                   | Never            | 41                                   | 7     | 166               | 9      | 4,386          | 17      | 23,802           | 13 | 2.9                                  | 2.8 **<br>▲  | .14                      | 2.6 ***<br>▲ | .38                      | 2.7 ***<br>▲ | .27                      |  |
|                                                                                            |                            | 2                   | Sometimes        | 154                                  | 24    | 552               | 28     | 8,856          | 32      | 62,789           | 31 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 3                   | Often            | 232                                  | 37    | 671               | 34     | 8,304          | 29      | 66,492           | 32 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 4                   | Very often       | 205                                  | 32    | 545               | 28     | 6,543          | 22      | 52,138           | 25 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | Total               | 632              | 100                                  | 1,934 | 100               | 28,089 | 100            | 205,221 | 100              |    |                                      |              |                          |              |                          |              |                          |  |
| f. Given a course presentation                                                             | present                    | 1                   | Never            | 63                                   | 11    | 240               | 13     | 5,040          | 19      | 31,533           | 17 | 2.7                                  | 2.6 ***<br>▲ | .16                      | 2.4 ***<br>▲ | .29                      | 2.5 ***<br>▲ | .26                      |  |
|                                                                                            |                            | 2                   | Sometimes        | 200                                  | 31    | 698               | 36     | 9,933          | 35      | 74,388           | 37 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 3                   | Often            | 207                                  | 33    | 578               | 30     | 7,670          | 27      | 58,663           | 28 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | 4                   | Very often       | 162                                  | 26    | 413               | 21     | 5,390          | 18      | 40,253           | 19 |                                      |              |                          |              |                          |              |                          |  |
|                                                                                            |                            | Total               | 632              | 100                                  | 1,929 | 100               | 28,033 | 100            | 204,837 | 100              |    |                                      |              |                          |              |                          |              |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Frequency Distributions <sup>a</sup>                                                                                      |                            |                     |                  |              |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup> |                   |                          |                  |                          |         |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------------------------------|-------------------|--------------------------|------------------|--------------------------|---------|
|                                                                                                                           |                            |                     |                  |              |       |                   |        |                |         |                  |    | Your seniors compared with           |                   |                          |                  |                          |         |
|                                                                                                                           |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                         | Honors Consortium | Carnegie Class           | NSSE 2021 & 2022 |                          |         |
| Item wording or description                                                                                               | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                 | Mean              | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |         |
| 2. During the current school year, about how often have you done the following?                                           |                            |                     |                  |              |       |                   |        |                |         |                  |    |                                      |                   |                          |                  |                          |         |
| a. Combined ideas from different courses when completing assignments                                                      | RIIntegrate                | 1                   | Never            | 30           | 5     | 76                | 4      | 1,447          | 6       | 10,370           | 6  | 3.0                                  | 3.0               | .07                      | 2.9 ***          | .15                      | 2.9 *** |
|                                                                                                                           |                            | 2                   | Sometimes        | 131          | 21    | 486               | 25     | 7,577          | 28      | 56,069           | 28 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 3                   | Often            | 257          | 41    | 759               | 40     | 10,734         | 38      | 79,964           | 39 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 4                   | Very often       | 209          | 33    | 596               | 31     | 8,046          | 28      | 56,638           | 27 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | Total               | 627              | 100          | 1,917 | 100               | 27,804 | 100            | 203,041 | 100              |    |                                      |                   |                          |                  |                          |         |
| b. Connected your learning to societal problems or issues                                                                 | RIsocietal                 | 1                   | Never            | 48           | 9     | 134               | 8      | 1,686          | 7       | 14,800           | 8  | 2.8                                  | 2.8               | -.01                     | 2.9 *            | -.08                     | 2.8     |
|                                                                                                                           |                            | 2                   | Sometimes        | 169          | 28    | 574               | 31     | 7,580          | 28      | 60,427           | 31 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 3                   | Often            | 241          | 38    | 666               | 34     | 10,245         | 37      | 72,058           | 35 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 4                   | Very often       | 168          | 25    | 539               | 28     | 8,126          | 29      | 54,680           | 26 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | Total               | 626              | 100          | 1,913 | 100               | 27,637 | 100            | 201,965 | 100              |    |                                      |                   |                          |                  |                          |         |
| c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments | RIDiverse                  | 1                   | Never            | 72           | 13    | 235               | 13     | 2,376          | 9       | 23,696           | 14 | 2.6                                  | 2.7               | -.07                     | 2.8 ***          | -.22                     | 2.6     |
|                                                                                                                           |                            | 2                   | Sometimes        | 223          | 36    | 608               | 32     | 8,178          | 30      | 63,419           | 32 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 3                   | Often            | 192          | 30    | 562               | 29     | 9,266          | 34      | 64,072           | 31 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 4                   | Very often       | 138          | 21    | 499               | 25     | 7,667          | 28      | 49,562           | 24 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | Total               | 625              | 100          | 1,904 | 100               | 27,487 | 100            | 200,749 | 100              |    |                                      |                   |                          |                  |                          |         |
| d. Examined the strengths and weaknesses of your own views on a topic or issue                                            | RIownview                  | 1                   | Never            | 25           | 4     | 102               | 6      | 1,009          | 4       | 9,832            | 5  | 2.9                                  | 2.9               | .02                      | 3.0 **           | -.10                     | 2.9     |
|                                                                                                                           |                            | 2                   | Sometimes        | 178          | 29    | 511               | 28     | 6,791          | 25      | 54,934           | 28 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 3                   | Often            | 259          | 42    | 803               | 42     | 11,752         | 43      | 84,947           | 42 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 4                   | Very often       | 159          | 25    | 482               | 25     | 7,757          | 29      | 49,505           | 25 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | Total               | 621              | 100          | 1,898 | 100               | 27,309 | 100            | 199,218 | 100              |    |                                      |                   |                          |                  |                          |         |
| e. Tried to better understand someone else's views by imagining how an issue looks from their perspective                 | RIperspect                 | 1                   | Never            | 19           | 4     | 63                | 4      | 689            | 3       | 6,554            | 4  | 3.0                                  | 3.0               | -.05                     | 3.1 **           | -.12                     | 3.0     |
|                                                                                                                           |                            | 2                   | Sometimes        | 137          | 23    | 405               | 23     | 5,588          | 21      | 44,419           | 23 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 3                   | Often            | 293          | 47    | 821               | 43     | 12,007         | 44      | 86,894           | 43 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 4                   | Very often       | 168          | 27    | 581               | 30     | 8,756          | 32      | 59,008           | 29 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | Total               | 617              | 100          | 1,870 | 100               | 27,040 | 100            | 196,875 | 100              |    |                                      |                   |                          |                  |                          |         |
| f. Learned something that changed the way you understand an issue or concept                                              | RInewview                  | 1                   | Never            | 18           | 3     | 60                | 3      | 603            | 2       | 5,093            | 3  | 3.0                                  | 3.0               | .03                      | 3.0              | -.05                     | 3.0     |
|                                                                                                                           |                            | 2                   | Sometimes        | 144          | 24    | 485               | 27     | 6,313          | 24      | 49,671           | 26 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 3                   | Often            | 278          | 45    | 759               | 41     | 11,583         | 43      | 83,993           | 43 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | 4                   | Very often       | 171          | 28    | 555               | 29     | 8,281          | 31      | 55,966           | 28 |                                      |                   |                          |                  |                          |         |
|                                                                                                                           |                            | Total               | 611              | 100          | 1,859 | 100               | 26,780 | 100            | 194,723 | 100              |    |                                      |                   |                          |                  |                          |         |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Frequency Distributions <sup>a</sup>                                                                   |                            |                     |                  |              |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup> |       |                          |         |                          |         |                          |  |
|--------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------------------------------|-------|--------------------------|---------|--------------------------|---------|--------------------------|--|
|                                                                                                        |                            |                     |                  |              |       |                   |        |                |         |                  |    | Your seniors compared with           |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                         |       | Honors Consortium        |         | Carnegie Class           |         | NSSE 2021 & 2022         |  |
| Item wording or description                                                                            | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                 | Mean  | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> |  |
| g. Connected ideas from your courses to your prior experiences and knowledge                           | RIconnect                  | 1                   | Never            | 8            | 1     | 27                | 2      | 282            | 1       | 2,393            | 1  | 3.2                                  | 3.2   | -.01                     | 3.3     | -.06                     | 3.2     | .02                      |  |
|                                                                                                        |                            | 2                   | Sometimes        | 86           | 14    | 269               | 15     | 3,574          | 14      | 29,088           | 16 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 3                   | Often            | 282          | 46    | 809               | 44     | 11,702         | 44      | 87,128           | 45 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 4                   | Very often       | 235          | 38    | 741               | 40     | 11,021         | 41      | 74,438           | 38 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | Total               | 611              | 100          | 1,846 | 100               | 26,579 | 100            | 193,047 | 100              |    |                                      |       |                          |         |                          |         |                          |  |
| 3. During the current school year, about how often have you done the following?                        |                            |                     |                  |              |       |                   |        |                |         |                  |    |                                      |       |                          |         |                          |         |                          |  |
| a. Talked about career plans with a faculty member                                                     | SFcareer                   | 1                   | Never            | 80           | 14    | 289               | 17     | 5,276          | 22      | 37,027           | 21 | 2.6                                  | 2.5 * | .11                      | 2.4 *** | .26                      | 2.4 *** | .26                      |  |
|                                                                                                        |                            | 2                   | Sometimes        | 206          | 34    | 667               | 36     | 10,209         | 38      | 75,391           | 39 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 3                   | Often            | 172          | 28    | 477               | 25     | 6,065          | 22      | 44,656           | 22 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 4                   | Very often       | 152          | 24    | 409               | 21     | 5,029          | 18      | 35,907           | 18 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | Total               | 610              | 100          | 1,842 | 100               | 26,579 | 100            | 192,981 | 100              |    |                                      |       |                          |         |                          |         |                          |  |
| b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.) | SFotherwork                | 1                   | Never            | 269          | 45    | 746               | 42     | 12,691         | 51      | 84,851           | 46 | 2.0                                  | 2.0   | -.07                     | 1.8 **  | .12                      | 1.9     | .06                      |  |
|                                                                                                        |                            | 2                   | Sometimes        | 166          | 27    | 524               | 28     | 7,135          | 26      | 56,101           | 28 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 3                   | Often            | 93           | 15    | 289               | 15     | 3,778          | 13      | 29,297           | 14 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 4                   | Very often       | 79           | 13    | 277               | 15     | 2,877          | 10      | 21,969           | 11 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | Total               | 607              | 100          | 1,836 | 100               | 26,481 | 100            | 192,218 | 100              |    |                                      |       |                          |         |                          |         |                          |  |
| c. Discussed course topics, ideas, or concepts with a faculty member outside of class                  | SFdiscuss                  | 1                   | Never            | 163          | 28    | 491               | 27     | 9,137          | 38      | 59,989           | 33 | 2.2                                  | 2.2   | .03                      | 2.0 *** | .21                      | 2.1 *** | .15                      |  |
|                                                                                                        |                            | 2                   | Sometimes        | 225          | 37    | 713               | 39     | 9,414          | 34      | 72,815           | 38 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 3                   | Often            | 130          | 21    | 380               | 20     | 4,795          | 17      | 36,432           | 18 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 4                   | Very often       | 84           | 14    | 240               | 13     | 2,916          | 11      | 21,563           | 11 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | Total               | 602              | 100          | 1,824 | 100               | 26,262 | 100            | 190,799 | 100              |    |                                      |       |                          |         |                          |         |                          |  |
| d. Discussed your academic performance with a faculty member                                           | SFperform                  | 1                   | Never            | 119          | 20    | 383               | 22     | 6,533          | 26      | 47,652           | 26 | 2.3                                  | 2.3   | .09                      | 2.2 *** | .17                      | 2.2 *** | .18                      |  |
|                                                                                                        |                            | 2                   | Sometimes        | 248          | 41    | 791               | 43     | 11,140         | 42      | 80,939           | 42 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 3                   | Often            | 145          | 24    | 411               | 23     | 5,498          | 20      | 40,164           | 20 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 4                   | Very often       | 92           | 15    | 238               | 12     | 3,103          | 12      | 22,101           | 11 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | Total               | 604              | 100          | 1,823 | 100               | 26,274 | 100            | 190,856 | 100              |    |                                      |       |                          |         |                          |         |                          |  |
| 4. During the current school year, how much has your coursework emphasized the following?              |                            |                     |                  |              |       |                   |        |                |         |                  |    |                                      |       |                          |         |                          |         |                          |  |
| a. Memorizing course material                                                                          | memorize                   | 1                   | Very little      | 80           | 13    | 154               | 8      | 2,543          | 11      | 16,179           | 9  | 2.6                                  | 2.8 * | -.13                     | 2.7     | -.03                     | 2.7 *   | -.10                     |  |
|                                                                                                        |                            | 2                   | Some             | 185          | 31    | 540               | 31     | 8,063          | 32      | 58,196           | 31 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 3                   | Quite a bit      | 207          | 34    | 679               | 37     | 9,819          | 37      | 72,955           | 38 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | 4                   | Very much        | 133          | 22    | 438               | 24     | 5,685          | 21      | 42,425           | 22 |                                      |       |                          |         |                          |         |                          |  |
|                                                                                                        |                            | Total               | 605              | 100          | 1,811 | 100               | 26,110 | 100            | 189,755 | 100              |    |                                      |       |                          |         |                          |         |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                             |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State |       | Honors Consortium        |         | Carnegie Class           |       | NSSE 2021 & 2022         |  |
|---------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------|--------------------------|---------|--------------------------|-------|--------------------------|--|
| Item wording or description                                                                 | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean  | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean  | Effect size <sup>e</sup> |  |
| b. Applying facts, theories, or methods to practical problems or new situations             | HOapply                    | 1                   | Very little      | 24           | 4     | 72                | 4      | 697            | 3       | 5,831            | 3  | 3.1          | 3.0 * | .11                      | 3.1     | .03                      | 3.1 * | .09                      |  |
|                                                                                             |                            | 2                   | Some             | 90           | 15    | 347               | 20     | 4,748          | 19      | 37,688           | 20 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 3                   | Quite a bit      | 270          | 45    | 807               | 44     | 11,429         | 44      | 83,383           | 44 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 4                   | Very much        | 217          | 36    | 580               | 32     | 9,144          | 35      | 62,097           | 32 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | Total               | 601              | 100          | 1,806 | 100               | 26,018 | 100            | 188,999 | 100              |    |              |       |                          |         |                          |       |                          |  |
| c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts      | HOanalyze                  | 1                   | Very little      | 25           | 4     | 65                | 4      | 789            | 3       | 6,573            | 4  | 3.0          | 3.0   | .00                      | 3.1     | -.05                     | 3.0   | .00                      |  |
|                                                                                             |                            | 2                   | Some             | 119          | 20    | 376               | 21     | 5,083          | 20      | 39,910           | 21 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 3                   | Quite a bit      | 259          | 43    | 773               | 43     | 11,049         | 43      | 80,353           | 43 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 4                   | Very much        | 198          | 32    | 570               | 32     | 8,904          | 34      | 60,516           | 32 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | Total               | 601              | 100          | 1,784 | 100               | 25,825 | 100            | 187,352 | 100              |    |              |       |                          |         |                          |       |                          |  |
| d. Evaluating a point of view, decision, or information source                              | HOevaluate                 | 1                   | Very little      | 26           | 5     | 78                | 5      | 919            | 4       | 8,933            | 5  | 2.9          | 3.0   | -.06                     | 3.1 *** | -.15                     | 3.0   | -.02                     |  |
|                                                                                             |                            | 2                   | Some             | 135          | 23    | 402               | 22     | 5,087          | 20      | 42,000           | 23 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 3                   | Quite a bit      | 275          | 45    | 755               | 42     | 11,021         | 43      | 79,052           | 42 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 4                   | Very much        | 165          | 27    | 548               | 31     | 8,726          | 34      | 56,523           | 30 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | Total               | 601              | 100          | 1,783 | 100               | 25,753 | 100            | 186,508 | 100              |    |              |       |                          |         |                          |       |                          |  |
| e. Forming a new idea or understanding from various pieces of information                   | HOform                     | 1                   | Very little      | 19           | 4     | 60                | 4      | 770            | 3       | 6,869            | 4  | 3.0          | 3.0   | -.01                     | 3.1 *   | -.09                     | 3.0   | .00                      |  |
|                                                                                             |                            | 2                   | Some             | 129          | 22    | 404               | 23     | 5,219          | 20      | 41,333           | 23 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 3                   | Quite a bit      | 280          | 47    | 791               | 44     | 11,389         | 44      | 82,556           | 44 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 4                   | Very much        | 168          | 27    | 521               | 29     | 8,269          | 32      | 54,915           | 29 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | Total               | 596              | 100          | 1,776 | 100               | 25,647 | 100            | 185,673 | 100              |    |              |       |                          |         |                          |       |                          |  |
| 5. During the current school year, to what extent have your instructors done the following? |                            |                     |                  |              |       |                   |        |                |         |                  |    |              |       |                          |         |                          |       |                          |  |
| a. Clearly explained course goals and requirements                                          | ETgoals                    | 1                   | Very little      | 26           | 5     | 42                | 2      | 616            | 3       | 4,921            | 3  | 3.1          | 3.1   | -.03                     | 3.2 **  | -.11                     | 3.1   | -.03                     |  |
|                                                                                             |                            | 2                   | Some             | 105          | 18    | 321               | 19     | 4,079          | 16      | 33,836           | 19 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 3                   | Quite a bit      | 245          | 40    | 761               | 43     | 10,422         | 40      | 77,578           | 41 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 4                   | Very much        | 220          | 37    | 641               | 36     | 10,437         | 41      | 68,378           | 37 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | Total               | 596              | 100          | 1,765 | 100               | 25,554 | 100            | 184,713 | 100              |    |              |       |                          |         |                          |       |                          |  |
| b. Taught course sessions in an organized way                                               | ETorganize                 | 1                   | Very little      | 34           | 6     | 79                | 5      | 1,134          | 5       | 8,573            | 5  | 3.0          | 3.0   | -.03                     | 3.1 **  | -.13                     | 3.0   | -.04                     |  |
|                                                                                             |                            | 2                   | Some             | 129          | 21    | 353               | 20     | 4,417          | 17      | 37,009           | 20 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 3                   | Quite a bit      | 232          | 39    | 758               | 43     | 10,113         | 39      | 76,194           | 41 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | 4                   | Very much        | 199          | 34    | 570               | 32     | 9,830          | 39      | 62,543           | 34 |              |       |                          |         |                          |       |                          |  |
|                                                                                             |                            | Total               | 594              | 100          | 1,760 | 100               | 25,494 | 100            | 184,319 | 100              |    |              |       |                          |         |                          |       |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

| 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> |                   |                |                  |                          |                          |
|-----------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                                                   |                               |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                                                   |                               |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| c. Used examples or illustrations to explain difficult points                     | ETexample                     | 1                   | Very little      | 26                                   | 5   | 61                | 4   | 1,095          | 5   | 7,539            | 5   | 3.1                                  | 3.1               | -.01           | 3.1              | -.02                     | 3.1                      |
|                                                                                   |                               | 2                   | Some             | 112                                  | 19  | 363               | 21  | 4,904          | 20  | 37,515           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 3                   | Quite a bit      | 257                                  | 43  | 724               | 41  | 9,697          | 38  | 73,076           | 39  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 4                   | Very much        | 199                                  | 33  | 613               | 35  | 9,755          | 37  | 65,854           | 35  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | Total               |                  | 594                                  | 100 | 1,761             | 100 | 25,451         | 100 | 183,984          | 100 |                                      |                   |                |                  |                          |                          |
| d. Provided feedback on a draft or work in progress                               | ETdraftfb                     | 1                   | Very little      | 38                                   | 7   | 138               | 8   | 2,172          | 9   | 17,380           | 10  | 3.0                                  | 2.9 *             | .10            | 2.9              | .07                      | 2.8 ***                  |
|                                                                                   |                               | 2                   | Some             | 136                                  | 24  | 437               | 25  | 6,046          | 24  | 49,157           | 27  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 3                   | Quite a bit      | 200                                  | 34  | 632               | 37  | 8,560          | 33  | 62,415           | 33  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 4                   | Very much        | 217                                  | 36  | 547               | 30  | 8,629          | 34  | 54,788           | 29  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | Total               |                  | 591                                  | 100 | 1,754             | 100 | 25,407         | 100 | 183,740          | 100 |                                      |                   |                |                  |                          |                          |
| e. Provided prompt and detailed feedback on tests or completed assignments        | ETfeedback                    | 1                   | Very little      | 42                                   | 7   | 134               | 7   | 1,692          | 7   | 15,105           | 9   | 2.9                                  | 2.9               | .07            | 2.9              | -.02                     | 2.8 **                   |
|                                                                                   |                               | 2                   | Some             | 134                                  | 23  | 452               | 26  | 6,002          | 24  | 50,186           | 28  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 3                   | Quite a bit      | 226                                  | 38  | 667               | 39  | 9,297          | 36  | 67,481           | 36  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 4                   | Very much        | 187                                  | 31  | 495               | 28  | 8,314          | 33  | 50,238           | 27  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | Total               |                  | 589                                  | 100 | 1,748             | 100 | 25,305         | 100 | 183,010          | 100 |                                      |                   |                |                  |                          |                          |
| f. Explained in advance the criteria for successfully completing your assignments | etcriteria                    | 1                   | Very little      | 23                                   | 4   | 62                | 4   | 894            | 4   | 7,340            | 4   | 3.1                                  | 3.1               | .02            | 3.1              | -.08                     | 3.1                      |
|                                                                                   |                               | 2                   | Some             | 116                                  | 20  | 346               | 20  | 4,497          | 18  | 37,741           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 3                   | Quite a bit      | 236                                  | 40  | 741               | 42  | 9,835          | 38  | 73,643           | 40  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 4                   | Very much        | 212                                  | 36  | 591               | 34  | 10,012         | 40  | 63,583           | 35  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | Total               |                  | 587                                  | 100 | 1,740             | 100 | 25,238         | 100 | 182,307          | 100 |                                      |                   |                |                  |                          |                          |
| g. Reviewed and summarized key ideas or concepts                                  | etreview                      | 1                   | Very little      | 22                                   | 4   | 55                | 3   | 891            | 4   | 6,518            | 4   | 3.1                                  | 3.0               | .04            | 3.1              | -.02                     | 3.0                      |
|                                                                                   |                               | 2                   | Some             | 105                                  | 18  | 356               | 21  | 4,602          | 19  | 37,236           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 3                   | Quite a bit      | 261                                  | 44  | 777               | 44  | 10,434         | 41  | 77,727           | 42  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 4                   | Very much        | 199                                  | 34  | 552               | 32  | 9,256          | 37  | 60,327           | 33  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | Total               |                  | 587                                  | 100 | 1,740             | 100 | 25,183         | 100 | 181,808          | 100 |                                      |                   |                |                  |                          |                          |
| h. Taught in a way that aligns with how you prefer to learn                       | etprefer                      | 1                   | Very little      | 47                                   | 9   | 148               | 9   | 1,869          | 8   | 15,902           | 9   | 2.9                                  | 2.7 **            | .14            | 2.8              | .05                      | 2.7 ***                  |
|                                                                                   |                               | 2                   | Some             | 152                                  | 25  | 542               | 31  | 6,970          | 27  | 54,964           | 30  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 3                   | Quite a bit      | 213                                  | 36  | 634               | 36  | 9,558          | 37  | 68,776           | 37  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | 4                   | Very much        | 174                                  | 30  | 413               | 24  | 6,759          | 27  | 41,917           | 23  |                                      |                   |                |                  |                          |                          |
|                                                                                   |                               | Total               |                  | 586                                  | 100 | 1,737             | 100 | 25,156         | 100 | 181,559          | 100 |                                      |                   |                |                  |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Seniors                                                                                                                                                                       |                                                                                                                  |                     |                  | Frequency Distributions <sup>a</sup> |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup> |        |                          |         |                          |        |                          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------------------------------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------------------------------|--------|--------------------------|---------|--------------------------|--------|--------------------------|--|
|                                                                                                                                                                               |                                                                                                                  |                     |                  |                                      |       |                   |        |                |         |                  |    | Your seniors compared with           |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  |                     |                  | Ferris State                         |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                         |        | Honors Consortium        |         | Carnegie Class           |        | NSSE 2021 & 2022         |  |
| Item wording or description                                                                                                                                                   | Variable name <sup>c</sup>                                                                                       | Values <sup>d</sup> | Response options | Count                                | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                 | Mean   | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean   | Effect size <sup>e</sup> |  |
| i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities                                                                                | etdemonstrate                                                                                                    | 1                   | Very little      | 25                                   | 4     | 57                | 4      | 717            | 3       | 5,695            | 3  | 3.2                                  | 3.1    | .02                      | 3.2     | -.04                     | 3.1    | .03                      |  |
|                                                                                                                                                                               |                                                                                                                  | 2                   | Some             | 79                                   | 14    | 296               | 17     | 3,734          | 15      | 30,582           | 17 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 3                   | Quite a bit      | 253                                  | 43    | 721               | 42     | 10,237         | 41      | 76,017           | 42 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 4                   | Very much        | 229                                  | 38    | 661               | 38     | 10,436         | 41      | 69,078           | 38 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | Total               | 586              | 100                                  | 1,735 | 100               | 25,124 | 100            | 181,372 | 100              |    |                                      |        |                          |         |                          |        |                          |  |
| 6. During the current school year, about how often have you done the following?                                                                                               |                                                                                                                  |                     |                  |                                      |       |                   |        |                |         |                  |    |                                      |        |                          |         |                          |        |                          |  |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)                                                                | QRconclude                                                                                                       | 1                   | Never            | 51                                   | 9     | 202               | 11     | 2,674          | 11      | 19,120           | 10 | 2.8                                  | 2.6 ** | .13                      | 2.7 **  | .11                      | 2.7 ** | .11                      |  |
|                                                                                                                                                                               |                                                                                                                  | 2                   | Sometimes        | 176                                  | 29    | 578               | 33     | 8,406          | 33      | 60,817           | 33 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 3                   | Often            | 216                                  | 38    | 580               | 34     | 8,567          | 35      | 62,822           | 35 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 4                   | Very often       | 134                                  | 24    | 359               | 21     | 5,186          | 21      | 36,239           | 21 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | Total               | 577              | 100                                  | 1,719 | 100               | 24,833 | 100            | 178,998 | 100              |    |                                      |        |                          |         |                          |        |                          |  |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)                                                    | QRproblem                                                                                                        | 1                   | Never            | 90                                   | 16    | 301               | 18     | 3,884          | 16      | 29,435           | 17 | 2.6                                  | 2.5 *  | .13                      | 2.5 *   | .09                      | 2.5 ** | .11                      |  |
|                                                                                                                                                                               |                                                                                                                  | 2                   | Sometimes        | 176                                  | 29    | 608               | 35     | 8,862          | 35      | 64,230           | 36 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 3                   | Often            | 191                                  | 34    | 497               | 29     | 7,530          | 30      | 53,942           | 30 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 4                   | Very often       | 117                                  | 21    | 309               | 18     | 4,483          | 18      | 30,779           | 18 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | Total               | 574              | 100                                  | 1,715 | 100               | 24,759 | 100            | 178,386 | 100              |    |                                      |        |                          |         |                          |        |                          |  |
| c. Evaluated what others have concluded from numerical information                                                                                                            | QRevaluate                                                                                                       | 1                   | Never            | 79                                   | 14    | 271               | 16     | 3,938          | 16      | 28,168           | 16 | 2.5                                  | 2.5    | .04                      | 2.5     | .04                      | 2.5    | .04                      |  |
|                                                                                                                                                                               |                                                                                                                  | 2                   | Sometimes        | 213                                  | 36    | 630               | 37     | 9,240          | 37      | 66,892           | 37 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 3                   | Often            | 197                                  | 36    | 546               | 32     | 7,572          | 31      | 54,841           | 31 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 4                   | Very often       | 82                                   | 14    | 262               | 15     | 3,894          | 16      | 27,771           | 16 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | Total               | 571              | 100                                  | 1,709 | 100               | 24,644 | 100            | 177,672 | 100              |    |                                      |        |                          |         |                          |        |                          |  |
| 7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.) |                                                                                                                  |                     |                  |                                      |       |                   |        |                |         |                  |    |                                      |        |                          |         |                          |        |                          |  |
| a. Up to 5 pages                                                                                                                                                              | wrshortnum<br>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.) | 0                   | None             | 49                                   | 9     | 117               | 7      | 1,208          | 5       | 11,502           | 7  | 6.9                                  | 6.7    | .03                      | 8.8 *** | -.27                     | 7.5 *  | -.09                     |  |
|                                                                                                                                                                               |                                                                                                                  | 1.5                 | 1-2              | 101                                  | 18    | 367               | 22     | 3,810          | 15      | 31,853           | 18 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 4                   | 3-5              | 172                                  | 30    | 513               | 30     | 6,856          | 27      | 51,032           | 29 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 8                   | 6-10             | 125                                  | 22    | 359               | 21     | 5,353          | 21      | 38,371           | 21 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 13                  | 11-15            | 61                                   | 10    | 158               | 9      | 2,791          | 12      | 19,000           | 11 |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 18                  | 16-20            | 24                                   | 4     | 85                | 5      | 1,650          | 7       | 9,746            | 5  |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | 23                  | More than 20     | 40                                   | 7     | 109               | 6      | 2,911          | 13      | 15,706           | 9  |                                      |        |                          |         |                          |        |                          |  |
|                                                                                                                                                                               |                                                                                                                  | Total               | 572              | 100                                  | 1,708 | 100               | 24,579 | 100            | 177,210 | 100              |    |                                      |        |                          |         |                          |        |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                                                    |                                                                                                   |                                                                                                                                    |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                                        | Variable name <sup>c</sup>                                                                        | Values <sup>d</sup>                                                                                                                | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| b. Between 6 and 10 pages                                                                                          | wrmednum                                                                                          | 0                                                                                                                                  | None             | 160          | 28    | 474               | 28     | 5,484          | 22      | 45,825           | 27  | 3.1          | 3.1               | -.01                     | 4.2 ***<br>▽   | -.22                     | 3.5 *<br>▽       | -.09                     |
|                                                                                                                    | (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)  | 1.5                                                                                                                                | 1-2              | 185          | 32    | 606               | 36     | 7,606          | 30      | 57,302           | 32  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 4                                                                                                 | 3-5                                                                                                                                | 145              | 25           | 359   | 21                | 6,062  | 24             | 40,766  | 23               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 8                                                                                                 | 6-10                                                                                                                               | 49               | 9            | 153   | 9                 | 3,160  | 14             | 19,958  | 11               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 13                                                                                                | 11-15                                                                                                                              | 16               | 3            | 62    | 4                 | 1,098  | 5              | 6,979   | 4                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 18                                                                                                | 16-20                                                                                                                              | 4                | 1            | 20    | 1                 | 481    | 2              | 2,523   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 23                                                                                                | More than 20                                                                                                                       | 9                | 2            | 30    | 2                 | 589    | 3              | 3,135   | 2                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | Total                                                                                             |                                                                                                                                    | 568              | 100          | 1,704 | 100               | 24,480 | 100            | 176,488 | 100              |     |              |                   |                          |                |                          |                  |                          |
| c. 11 pages or more                                                                                                | wrlongnum                                                                                         | 0                                                                                                                                  | None             | 305          | 53    | 913               | 54     | 12,336         | 50      | 90,546           | 52  | 2.0          | 1.7               | .06                      | 2.2            | -.06                     | 2.0              | .00                      |
|                                                                                                                    | (Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.) | 1.5                                                                                                                                | 1-2              | 165          | 29    | 517               | 30     | 7,402          | 29      | 54,375           | 30  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 4                                                                                                 | 3-5                                                                                                                                | 50               | 9            | 150   | 9                 | 2,524  | 10             | 17,192  | 10               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 8                                                                                                 | 6-10                                                                                                                               | 25               | 5            | 63    | 4                 | 1,067  | 5              | 6,993   | 4                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 13                                                                                                | 11-15                                                                                                                              | 9                | 2            | 33    | 2                 | 602    | 3              | 3,933   | 2                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 18                                                                                                | 16-20                                                                                                                              | 6                | 1            | 8     | 1                 | 214    | 1              | 1,404   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | 23                                                                                                | More than 20                                                                                                                       | 10               | 2            | 24    | 1                 | 398    | 2              | 2,432   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    | Total                                                                                             |                                                                                                                                    | 570              | 100          | 1,708 | 100               | 24,543 | 100            | 176,875 | 100              |     |              |                   |                          |                |                          |                  |                          |
| Estimated number of assigned pages of student writing.                                                             | wrpages                                                                                           | (Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.) |                  |              |       |                   |        |                |         |                  |     | 74.6         | 71.1              | .04                      | 92.9 ***<br>▽  | -.17                     | 79.7             | -.05                     |
|                                                                                                                    |                                                                                                   |                                                                                                                                    |                  |              |       |                   |        |                |         |                  |     |              |                   |                          |                |                          |                  |                          |
| 8. During the current school year, about how often have you had discussions with people from the following groups? |                                                                                                   |                                                                                                                                    |                  |              |       |                   |        |                |         |                  |     |              |                   |                          |                |                          |                  |                          |
| a. People of a race or ethnicity other than your own                                                               | DDrace                                                                                            | 1                                                                                                                                  | Never            | 47           | 9     | 75                | 5      | 1,637          | 7       | 10,927           | 7   | 2.8          | 3.1 ***<br>▽      | -.33                     | 3.0 ***<br>▽   | -.23                     | 3.0 ***<br>▽     | -.23                     |
|                                                                                                                    |                                                                                                   | 2                                                                                                                                  | Sometimes        | 191          | 34    | 399               | 23     | 6,058          | 25      | 45,364           | 26  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    |                                                                                                   | 3                                                                                                                                  | Often            | 174          | 31    | 572               | 33     | 7,764          | 32      | 54,775           | 31  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    |                                                                                                   | 4                                                                                                                                  | Very often       | 157          | 27    | 665               | 39     | 9,064          | 36      | 65,835           | 37  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    |                                                                                                   | Total                                                                                                                              |                  | 569          | 100   | 1,711             | 100    | 24,523         | 100     | 176,901          | 100 |              |                   |                          |                |                          |                  |                          |
| b. People from an economic background other than your own                                                          | DDeconomic                                                                                        | 1                                                                                                                                  | Never            | 29           | 5     | 69                | 4      | 1,449          | 7       | 9,735            | 6   | 2.9          | 3.0 **<br>▽       | -.13                     | 3.0            | -.07                     | 3.0              | -.06                     |
|                                                                                                                    |                                                                                                   | 2                                                                                                                                  | Sometimes        | 153          | 27    | 409               | 24     | 5,930          | 25      | 44,575           | 25  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    |                                                                                                   | 3                                                                                                                                  | Often            | 223          | 39    | 637               | 37     | 8,682          | 35      | 62,502           | 35  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    |                                                                                                   | 4                                                                                                                                  | Very often       | 163          | 28    | 593               | 34     | 8,434          | 34      | 59,645           | 33  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                    |                                                                                                   | Total                                                                                                                              |                  | 568          | 100   | 1,708             | 100    | 24,495         | 100     | 176,457          | 100 |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

| 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> |                   |                |                  |                          |                          |
|---------------------------------------------------------|------------------------------------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                         |                                                            |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                         |                                                            |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| c. People with religious beliefs other than your own    | DDreligion                                                 | 1                   | Never            | 48                                   | 9   | 95                | 6   | 2,213          | 9   | 14,476           | 9   | 2.8                                  | 3.0 ***<br>▽      | -.21           | 2.8              | -.03                     | 2.9 *<br>▽               |
|                                                         |                                                            | 2                   | Sometimes        | 183                                  | 33  | 443               | 26  | 7,533          | 31  | 50,502           | 28  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 175                                  | 32  | 586               | 34  | 7,308          | 29  | 55,515           | 31  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 160                                  | 27  | 585               | 34  | 7,431          | 30  | 55,932           | 32  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 566                                  | 100 | 1,709             | 100 | 24,485         | 100 | 176,425          | 100 |                                      |                   |                |                  |                          |                          |
| d. People with political views other than your own      | DDpolitical                                                | 1                   | Never            | 35                                   | 6   | 90                | 6   | 1,969          | 9   | 14,206           | 9   | 2.8                                  | 3.0 **<br>▽       | -.16           | 2.8              | .00                      | 2.8<br>.01               |
|                                                         |                                                            | 2                   | Sometimes        | 180                                  | 32  | 438               | 26  | 7,367          | 30  | 53,869           | 31  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 184                                  | 34  | 585               | 34  | 7,726          | 31  | 54,765           | 31  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 168                                  | 28  | 593               | 35  | 7,417          | 30  | 53,561           | 30  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 567                                  | 100 | 1,706             | 100 | 24,479         | 100 | 176,401          | 100 |                                      |                   |                |                  |                          |                          |
| e. People with a sexual orientation other than your own | ddsexorient<br>(Comparison data are limited to NSSE 2022.) | 1                   | Never            | 61                                   | 11  | 129               | 8   | 2,318          | 15  | 10,584           | 11  | 2.7                                  | 2.8 ***<br>▽      | -.19           | 2.6              | .02                      | 2.8 *<br>▽               |
|                                                         |                                                            | 2                   | Sometimes        | 201                                  | 36  | 509               | 30  | 5,591          | 33  | 33,592           | 32  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 156                                  | 28  | 531               | 31  | 4,542          | 26  | 32,128           | 29  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 144                                  | 24  | 537               | 31  | 4,609          | 26  | 32,764           | 29  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 562                                  | 100 | 1,706             | 100 | 17,060         | 100 | 109,068          | 100 |                                      |                   |                |                  |                          |                          |
| f. People from a country other than your own            | ddcountry<br>(Comparison data are limited to NSSE 2022.)   | 1                   | Never            | 119                                  | 20  | 216               | 12  | 2,375          | 15  | 13,616           | 13  | 2.3                                  | 2.6 ***<br>▽      | -.30           | 2.5 ***<br>▽     | -.22                     | 2.6 ***<br>▽             |
|                                                         |                                                            | 2                   | Sometimes        | 245                                  | 43  | 665               | 39  | 6,811          | 40  | 42,945           | 39  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 3                   | Often            | 117                                  | 21  | 434               | 25  | 4,137          | 24  | 27,098           | 25  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | 4                   | Very often       | 86                                   | 15  | 393               | 24  | 3,786          | 22  | 25,568           | 24  |                                      |                   |                |                  |                          |                          |
|                                                         |                                                            | Total               |                  | 567                                  | 100 | 1,708             | 100 | 17,109         | 100 | 109,227          | 100 |                                      |                   |                |                  |                          |                          |

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

|                                                        |           |       |            |     |     |       |     |        |     |         |     |     |             |      |              |      |              |
|--------------------------------------------------------|-----------|-------|------------|-----|-----|-------|-----|--------|-----|---------|-----|-----|-------------|------|--------------|------|--------------|
| a. Identified key information from reading assignments | LSreading | 1     | Never      | 24  | 5   | 44    | 3   | 580    | 3   | 4,978   | 3   | 2.9 | 3.1 **<br>▽ | -.14 | 3.2 ***<br>▽ | -.26 | 3.1 ***<br>▽ |
|                                                        |           | 2     | Sometimes  | 130 | 23  | 353   | 21  | 4,320  | 18  | 35,421  | 21  |     |             |      |              |      |              |
|                                                        |           | 3     | Often      | 258 | 46  | 745   | 44  | 10,220 | 41  | 74,926  | 42  |     |             |      |              |      |              |
|                                                        |           | 4     | Very often | 148 | 27  | 553   | 32  | 9,279  | 38  | 60,371  | 34  |     |             |      |              |      |              |
|                                                        |           | Total |            | 560 | 100 | 1,695 | 100 | 24,399 | 100 | 175,696 | 100 |     |             |      |              |      |              |
| b. Reviewed your notes after class                     | LSnotes   | 1     | Never      | 45  | 8   | 108   | 7   | 1,647  | 7   | 12,031  | 7   | 2.9 | 2.9         | -.04 | 2.9          | -.08 | 2.9<br>-.02  |
|                                                        |           | 2     | Sometimes  | 153 | 27  | 472   | 27  | 6,195  | 25  | 49,522  | 28  |     |             |      |              |      |              |
|                                                        |           | 3     | Often      | 195 | 35  | 579   | 34  | 8,266  | 34  | 59,457  | 34  |     |             |      |              |      |              |
|                                                        |           | 4     | Very often | 168 | 30  | 538   | 31  | 8,285  | 34  | 54,601  | 31  |     |             |      |              |      |              |
|                                                        |           | Total |            | 561 | 100 | 1,697 | 100 | 24,393 | 100 | 175,611 | 100 |     |             |      |              |      |              |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Frequency Distributions <sup>a</sup>                                                                                           |                                                                                      |                     |                  |              |       |                   |        |                |         |                  |     | Statistical Comparisons <sup>b</sup> |                   |                          |                  |                          |         |                          |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------------------------------|-------------------|--------------------------|------------------|--------------------------|---------|--------------------------|
|                                                                                                                                |                                                                                      |                     |                  |              |       |                   |        |                |         |                  |     | Your seniors compared with           |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class           | NSSE 2021 & 2022 |                          |         |                          |
| Item wording or description                                                                                                    | Variable name <sup>c</sup>                                                           | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean                                 | Mean              | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> |
| c. Summarized what you learned in class or from course materials                                                               | LSsummary                                                                            | 1                   | Never            | 29           | 5     | 87                | 5      | 1,154          | 5       | 9,975            | 6   | 2.9                                  | 2.9               | -.01                     | 3.0 *            | -.09                     | 2.9     | .02                      |
|                                                                                                                                |                                                                                      | 2                   | Sometimes        | 149          | 27    | 458               | 27     | 5,874          | 24      | 47,864           | 27  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 3                   | Often            | 220          | 39    | 660               | 40     | 9,279          | 38      | 66,810           | 38  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 4                   | Very often       | 162          | 29    | 495               | 29     | 8,081          | 33      | 50,911           | 29  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Total               | 560              | 100          | 1,700 | 100               | 24,388 | 100            | 175,560 | 100              |     |                                      |                   |                          |                  |                          |         |                          |
| 10. During the current school year, to what extent have your courses challenged you to do your best work?                      |                                                                                      |                     |                  |              |       |                   |        |                |         |                  |     |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                | challenge                                                                            | 1                   | Not at all       | 7            | 1     | 19                | 1      | 261            | 1       | 2,088            | 1   | 5.5                                  | 5.4               | .08                      | 5.7 **           | -.13                     | 5.5     | .00                      |
|                                                                                                                                |                                                                                      | 2                   |                  | 12           | 2     | 31                | 2      | 360            | 2       | 2,944            | 2   |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 3                   |                  | 21           | 4     | 89                | 5      | 995            | 4       | 8,236            | 5   |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 4                   |                  | 67           | 12    | 239               | 14     | 2,313          | 9       | 19,079           | 11  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 5                   |                  | 147          | 26    | 451               | 27     | 5,954          | 24      | 48,211           | 27  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 6                   |                  | 135          | 24    | 404               | 24     | 5,720          | 23      | 42,482           | 24  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | 7                   | Very much        | 165          | 30    | 453               | 26     | 8,618          | 36      | 51,437           | 29  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Total               |                  | 554          | 100   | 1,686             | 100    | 24,221         | 100     | 174,477          | 100 |                                      |                   |                          |                  |                          |         |                          |
| 11. Which of the following have you done while in college or do you plan to do before you graduate? <sup>f</sup>               |                                                                                      |                     |                  |              |       |                   |        |                |         |                  |     |                                      |                   |                          |                  |                          |         |                          |
| a. Participate in an internship, co-op, field experience, student teaching, or clinical placement                              | intern<br><br>(Means indicate the percentage who responded "Done or in progress.")   | Have not decided    |                  | 35           | 6     | 135               | 8      | 3,140          | 14      | 19,357           | 12  | 54%                                  | 52%               | .03                      | 42% ***          | .24                      | 44% *** | .19                      |
|                                                                                                                                |                                                                                      | Do not plan to do   |                  | 77           | 15    | 304               | 19     | 4,666          | 20      | 30,800           | 19  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Plan to do          |                  | 139          | 25    | 345               | 20     | 5,747          | 24      | 42,987           | 25  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Done or in progress |                  | 307          | 54    | 899               | 52     | 10,666         | 42      | 81,208           | 44  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Total               |                  | 558          | 100   | 1,683             | 100    | 24,219         | 100     | 174,352          | 100 |                                      |                   |                          |                  |                          |         |                          |
| b. Hold a formal leadership role in a student organization or group                                                            | leader<br><br>(Means indicate the percentage who responded "Done or in progress.")   | Have not decided    |                  | 71           | 13    | 178               | 10     | 3,734          | 17      | 22,854           | 14  | 26%                                  | 33% **            | -.15                     | 27%              | -.02                     | 30% *   | -.10                     |
|                                                                                                                                |                                                                                      | Do not plan to do   |                  | 279          | 51    | 810               | 49     | 11,124         | 47      | 79,442           | 47  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Plan to do          |                  | 55           | 10    | 124               | 7      | 2,231          | 10      | 15,267           | 9   |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Done or in progress |                  | 153          | 26    | 564               | 33     | 7,055          | 27      | 56,402           | 30  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Total               |                  | 558          | 100   | 1,676             | 100    | 24,144         | 100     | 173,965          | 100 |                                      |                   |                          |                  |                          |         |                          |
| c. Participate in a learning community or some other formal program where groups of students take two or more classes together | learncom<br><br>(Means indicate the percentage who responded "Done or in progress.") | Have not decided    |                  | 74           | 13    | 216               | 13     | 4,233          | 19      | 27,174           | 16  | 21%                                  | 24%               | -.07                     | 21%              | .01                      | 21%     | .00                      |
|                                                                                                                                |                                                                                      | Do not plan to do   |                  | 297          | 54    | 909               | 55     | 11,927         | 50      | 89,686           | 53  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Plan to do          |                  | 64           | 12    | 149               | 9      | 2,618          | 11      | 18,268           | 11  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Done or in progress |                  | 121          | 21    | 404               | 24     | 5,273          | 21      | 38,315           | 21  |                                      |                   |                          |                  |                          |         |                          |
|                                                                                                                                |                                                                                      | Total               |                  | 556          | 100   | 1,678             | 100    | 24,051         | 100     | 173,443          | 100 |                                      |                   |                          |                  |                          |         |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Frequency Distributions <sup>a</sup>                                                                                                  |                                                                      |                     |                  |       |                   |        |                |         |                  |         |              | Statistical Comparisons <sup>b</sup> |                   |       |                          |       |                          |       |                          |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------|------------------|-------|-------------------|--------|----------------|---------|------------------|---------|--------------|--------------------------------------|-------------------|-------|--------------------------|-------|--------------------------|-------|--------------------------|
|                                                                                                                                       |                                                                      |                     |                  |       |                   |        |                |         |                  |         |              | Your seniors compared with           |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      |                     | Ferris State     |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |         | Ferris State |                                      | Honors Consortium |       | Carnegie Class           |       | NSSE 2021 & 2022         |       |                          |
| Item wording or description                                                                                                           | Variable name <sup>c</sup>                                           | Values <sup>d</sup> | Response options |       | Count             | %      | Count          | %       | Count            | %       | Count        | %                                    | Mean              | Mean  | Effect size <sup>e</sup> | Mean  | Effect size <sup>e</sup> | Mean  | Effect size <sup>e</sup> |
| d. Participate in a study abroad program                                                                                              | abroad                                                               |                     | Have not decided | 73    | 13                | 198    | 11             | 3,553   | 16               | 23,306  | 14           | 4%                                   | 8% **             | -0.15 | 7% **                    | -0.13 | 8% ***                   | -0.16 |                          |
|                                                                                                                                       | (Means indicate the percentage who responded "Done or in progress.") | Do not plan to do   | 425              | 76    | 1,209             | 73     | 16,884         | 69      | 121,505          | 70      |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Plan to do                                                           | 37                  | 7                | 138   | 8                 | 1,874  | 8              | 14,272  | 8                |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Done or in progress                                                  | 21                  | 4                | 132   | 8                 | 1,768  | 7              | 14,484  | 8                |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Total                                                                | 556                 | 100              | 1,677 | 100               | 24,079 | 100            | 173,567 | 100              |         |              |                                      |                   |       |                          |       |                          |       |                          |
| e. Work with a faculty member on a research project                                                                                   | research                                                             |                     | Have not decided | 77    | 14                | 245    | 14             | 4,461   | 20               | 28,826  | 17           | 17%                                  | 22% *             | -0.13 | 17%                      | -0.02 | 21% *                    | -0.10 |                          |
|                                                                                                                                       | (Means indicate the percentage who responded "Done or in progress.") | Do not plan to do   | 322              | 58    | 895               | 54     | 12,538         | 52      | 86,444           | 50      |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Plan to do                                                           | 63                  | 11               | 163   | 10                | 2,525  | 11             | 20,060  | 12               |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Done or in progress                                                  | 94                  | 17               | 375   | 22                | 4,537  | 17             | 38,152  | 21               |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Total                                                                | 556                 | 100              | 1,678 | 100               | 24,061 | 100            | 173,482 | 100              |         |              |                                      |                   |       |                          |       |                          |       |                          |
| f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.) | capstone                                                             |                     | Have not decided | 49    | 9                 | 160    | 10             | 2,657   | 12               | 18,136  | 11           | 47%                                  | 48%               | -0.03 | 42% *                    | 0.10  | 43%                      | 0.07  |                          |
|                                                                                                                                       | (Means indicate the percentage who responded "Done or in progress.") | Do not plan to do   | 86               | 16    | 378               | 23     | 4,282          | 19      | 34,628           | 21      |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Plan to do                                                           | 157                 | 28               | 326   | 20                | 6,454  | 27             | 41,707  | 25               |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Done or in progress                                                  | 266                 | 47               | 813   | 48                | 10,679 | 42             | 78,967  | 43               |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | Total                                                                | 558                 | 100              | 1,677 | 100               | 24,072 | 100            | 173,438 | 100              |         |              |                                      |                   |       |                          |       |                          |       |                          |
| 12. About how many of your courses at this institution have included a community-based project (service-learning)?                    |                                                                      |                     |                  |       |                   |        |                |         |                  |         |              |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       | servcourse                                                           | 1                   | None             | 234   | 43                | 614    | 38             | 8,246   | 35               | 66,957  | 41           | 1.8                                  | 1.8               | -0.01 | 1.8 *                    | -0.11 | 1.7                      | 0.03  |                          |
|                                                                                                                                       |                                                                      | 2                   | Some             | 231   | 41                | 857    | 51             | 11,991  | 49               | 83,358  | 47           |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 3                   | Most             | 77    | 14                | 156    | 9              | 2,910   | 12               | 17,746  | 10           |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 4                   | All              | 14    | 2                 | 46     | 3              | 794     | 4                | 4,578   | 3            |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | Total               |                  | 556   | 100               | 1,673  | 100            | 23,941  | 100              | 172,639 | 100          |                                      |                   |       |                          |       |                          |       |                          |
| 13. Indicate the quality of your interactions with the following people at your institution.                                          |                                                                      |                     |                  |       |                   |        |                |         |                  |         |              |                                      |                   |       |                          |       |                          |       |                          |
| a. Students                                                                                                                           | QIstudent                                                            | 1                   | Poor             | 3     | 1                 | 28     | 2              | 368     | 2                | 2,817   | 2            | 5.6                                  | 5.6               | 0.05  | 5.7                      | -0.03 | 5.6                      | 0.04  |                          |
|                                                                                                                                       |                                                                      | 2                   |                  | 17    | 3                 | 19     | 1              | 435     | 2                | 3,286   | 2            |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 3                   |                  | 16    | 3                 | 68     | 4              | 860     | 4                | 7,125   | 4            |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 4                   |                  | 50    | 9                 | 175    | 11             | 2,139   | 9                | 16,902  | 10           |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 5                   |                  | 142   | 25                | 413    | 25             | 5,140   | 21               | 40,158  | 23           |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 6                   |                  | 152   | 28                | 444    | 26             | 6,024   | 24               | 45,872  | 26           |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | 7                   | Excellent        | 161   | 29                | 494    | 29             | 8,067   | 34               | 51,725  | 30           |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | —                   | Not applicable   | 13    | 2                 | 30     | 2              | 969     | 4                | 5,039   | 4            |                                      |                   |       |                          |       |                          |       |                          |
|                                                                                                                                       |                                                                      | Total               |                  | 554   | 100               | 1,671  | 100            | 24,002  | 100              | 172,924 | 100          |                                      |                   |       |                          |       |                          |       |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

| 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> |                   |                |                  |                          |                          |
|-----------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                                                         |                               |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                                                         |                               |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| b. Academic advisors                                                                    | Qladvisor                     | 1                   | Poor             | 26                                   | 5   | 65                | 4   | 943            | 4   | 7,589            | 5   | 5.4                                  | 5.4               | .01            | 5.5              | -.06                     | 5.3                      |
|                                                                                         |                               | 2                   |                  | 22                                   | 4   | 82                | 5   | 918            | 4   | 7,628            | 4   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 3                   |                  | 42                                   | 7   | 108               | 6   | 1,451          | 6   | 11,994           | 7   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 4                   |                  | 62                                   | 11  | 182               | 11  | 2,448          | 10  | 19,632           | 11  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 5                   |                  | 81                                   | 14  | 295               | 18  | 3,896          | 16  | 29,971           | 17  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 6                   |                  | 108                                  | 20  | 343               | 21  | 4,592          | 19  | 33,402           | 19  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 7                   | Excellent        | 207                                  | 38  | 569               | 34  | 9,112          | 39  | 59,473           | 35  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | —                   | Not applicable   | 5                                    | 1   | 20                | 1   | 602            | 3   | 3,078            | 2   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | Total               |                  | 553                                  | 100 | 1,664             | 100 | 23,962         | 100 | 172,767          | 100 |                                      |                   |                |                  |                          |                          |
| c. Faculty                                                                              | Qlfaculty                     | 1                   | Poor             | 11                                   | 2   | 23                | 2   | 355            | 2   | 3,074            | 2   | 5.5                                  | 5.5               | .01            | 5.7 **           | -.12                     | 5.5                      |
|                                                                                         |                               | 2                   |                  | 8                                    | 1   | 35                | 3   | 432            | 2   | 3,889            | 2   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 3                   |                  | 30                                   | 5   | 83                | 5   | 944            | 4   | 8,103            | 5   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 4                   |                  | 70                                   | 12  | 187               | 11  | 2,253          | 9   | 19,055           | 11  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 5                   |                  | 113                                  | 20  | 382               | 23  | 4,764          | 19  | 38,659           | 22  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 6                   |                  | 160                                  | 29  | 470               | 27  | 6,341          | 26  | 47,312           | 27  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 7                   | Excellent        | 154                                  | 29  | 468               | 29  | 8,481          | 36  | 50,549           | 29  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | —                   | Not applicable   | 6                                    | 1   | 21                | 1   | 394            | 2   | 2,121            | 1   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | Total               |                  | 552                                  | 100 | 1,669             | 100 | 23,964         | 100 | 172,762          | 100 |                                      |                   |                |                  |                          |                          |
| d. Student services staff<br>(career services,<br>student activities,<br>housing, etc.) | Qlstaff                       | 1                   | Poor             | 23                                   | 4   | 62                | 4   | 872            | 4   | 7,585            | 5   | 4.9                                  | 5.1               | -.08           | 5.2 ***          | -.17                     | 5.0                      |
|                                                                                         |                               | 2                   |                  | 23                                   | 4   | 56                | 3   | 816            | 3   | 6,899            | 4   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 3                   |                  | 38                                   | 7   | 101               | 6   | 1,305          | 5   | 11,041           | 6   |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 4                   |                  | 62                                   | 11  | 192               | 12  | 2,422          | 10  | 20,152           | 11  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 5                   |                  | 96                                   | 18  | 340               | 21  | 3,821          | 15  | 29,539           | 16  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 6                   |                  | 80                                   | 14  | 271               | 16  | 3,751          | 15  | 28,362           | 16  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | 7                   | Excellent        | 97                                   | 18  | 315               | 19  | 5,640          | 24  | 34,856           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | —                   | Not applicable   | 134                                  | 25  | 328               | 20  | 5,319          | 23  | 34,199           | 21  |                                      |                   |                |                  |                          |                          |
|                                                                                         |                               | Total               |                  | 553                                  | 100 | 1,665             | 100 | 23,946         | 100 | 172,633          | 100 |                                      |                   |                |                  |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                                           |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |         | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|-----------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|---------|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                               | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %       | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| e. Other administrative staff and offices (registrar, financial aid, etc.)                                | Qladmin                    | 1                   | Poor             | 21           | 4     | 67                | 4      | 962            | 4       | 8,145            | 5       | 5.1          | 5.1               | .03                      | 5.3 *          | -.10                     | 5.0              | .04                      |
|                                                                                                           |                            | 2                   |                  | 32           | 5     | 72                | 4      | 924            | 4       | 8,179            | 5       |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 3                   |                  | 28           | 5     | 110               | 6      | 1,515          | 6       | 12,640           | 7       |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 4                   |                  | 76           | 14    | 243               | 14     | 2,814          | 11      | 23,233           | 13      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 5                   |                  | 112          | 20    | 362               | 22     | 4,449          | 18      | 33,734           | 19      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 6                   |                  | 106          | 19    | 322               | 19     | 4,644          | 19      | 33,042           | 19      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 7                   | Excellent        | 129          | 24    | 360               | 22     | 7,009          | 30      | 40,118           | 24      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | —                   | Not applicable   | 50           | 9     | 132               | 8      | 1,651          | 8       | 13,663           | 9       |              |                   |                          |                |                          |                  |                          |
| Total                                                                                                     |                            |                     | 554              | 100          | 1,668 | 100               | 23,968 | 100            | 172,754 | 100              |         |              |                   |                          |                |                          |                  |                          |
| 14. How much does your institution emphasize the following?                                               |                            |                     |                  |              |       |                   |        |                |         |                  |         |              |                   |                          |                |                          |                  |                          |
| a. Spending significant amounts of time studying and on academic work                                     | empstudy                   | 1                   | Very little      | 19           | 4     | 29                | 2      | 466            | 2       | 3,224            | 2       | 3.0          | 3.1               | -.09                     | 3.1 ***        | -.15                     | 3.1 ***          | -.18                     |
|                                                                                                           |                            | 2                   | Some             | 124          | 23    | 340               | 21     | 4,416          | 19      | 31,323           | 18      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 250          | 45    | 803               | 48     | 10,794         | 45      | 77,190           | 45      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 4                   | Very much        | 161          | 28    | 491               | 30     | 8,203          | 34      | 60,475           | 35      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | Total               |                  |              | 554   | 100               | 1,663  | 100            | 23,879  | 100              | 172,212 |              |                   |                          |                |                          |                  |                          |
| b. Providing support to help students succeed academically                                                | SEacademic                 | 1                   | Very little      | 30           | 6     | 84                | 5      | 1,482          | 7       | 10,461           | 7       | 2.8          | 2.9               | -.05                     | 2.9 *          | -.09                     | 2.9              | -.03                     |
|                                                                                                           |                            | 2                   | Some             | 149          | 27    | 419               | 26     | 5,643          | 24      | 44,294           | 26      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 242          | 44    | 731               | 43     | 9,406          | 38      | 70,267           | 40      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 4                   | Very much        | 132          | 23    | 430               | 25     | 7,293          | 31      | 46,903           | 27      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | Total               |                  |              | 553   | 100               | 1,664  | 100            | 23,824  | 100              | 171,925 |              |                   |                          |                |                          |                  |                          |
| c. Using learning support services (tutoring services, writing center, etc.)                              | SElearnsup                 | 1                   | Very little      | 88           | 16    | 127               | 8      | 2,260          | 10      | 17,130           | 11      | 2.6          | 2.8 ***           | -.31                     | 2.9 ***        | -.33                     | 2.8 ***          | -.26                     |
|                                                                                                           |                            | 2                   | Some             | 164          | 30    | 400               | 25     | 5,539          | 23      | 42,928           | 25      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 193          | 35    | 684               | 41     | 8,558          | 36      | 63,172           | 36      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 4                   | Very much        | 107          | 19    | 447               | 26     | 7,456          | 31      | 48,532           | 28      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | Total               |                  |              | 552   | 100               | 1,658  | 100            | 23,813  | 100              | 171,762 |              |                   |                          |                |                          |                  |                          |
| d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.) | SEdiverse                  | 1                   | Very little      | 103          | 19    | 180               | 11     | 3,596          | 16      | 25,785           | 16      | 2.5          | 2.7 ***           | -.23                     | 2.6 ***        | -.18                     | 2.6 ***          | -.15                     |
|                                                                                                           |                            | 2                   | Some             | 179          | 33    | 504               | 31     | 6,883          | 29      | 52,399           | 30      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 3                   | Quite a bit      | 171          | 30    | 631               | 37     | 7,562          | 31      | 54,671           | 31      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | 4                   | Very much        | 98           | 17    | 348               | 21     | 5,729          | 24      | 38,676           | 22      |              |                   |                          |                |                          |                  |                          |
|                                                                                                           |                            | Total               |                  |              | 551   | 100               | 1,663  | 100            | 23,770  | 100              | 171,531 |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Frequency Distributions <sup>a</sup>                                                         |                            |                     |                   |              |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup> |                   |                          |                |                          |                  |                          |
|----------------------------------------------------------------------------------------------|----------------------------|---------------------|-------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------------------------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
|                                                                                              |                            |                     |                   |              |       |                   |        |                |         |                  |    | Your seniors compared with           |                   |                          |                |                          |                  |                          |
|                                                                                              |                            |                     |                   | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                         | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
| Item wording or description                                                                  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options  | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                 | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| e. Providing opportunities to be involved socially                                           | SEsocial                   | 1                   | Very little       | 55           | 11    | 110               | 7      | 2,705          | 13      | 17,200           | 11 | 2.7                                  | 2.8 **            | -.17                     | 2.7            | -.07                     | 2.7              | -.07                     |
|                                                                                              |                            | 2                   | Some              | 166          | 30    | 443               | 27     | 6,318          | 27      | 47,001           | 28 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit       | 219          | 40    | 696               | 42     | 8,478          | 35      | 64,411           | 37 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much         | 110          | 19    | 406               | 24     | 6,250          | 26      | 42,780           | 24 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 550               | 100          | 1,655 | 100               | 23,751 | 100            | 171,392 | 100              |    |                                      |                   |                          |                |                          |                  |                          |
| f. Providing support for your overall well-being (recreation, health care, counseling, etc.) | SEwellness                 | 1                   | Very little       | 80           | 15    | 148               | 9      | 3,225          | 15      | 21,248           | 13 | 2.5                                  | 2.8 ***           | -.28                     | 2.7 ***        | -.14                     | 2.7 ***          | -.16                     |
|                                                                                              |                            | 2                   | Some              | 185          | 33    | 442               | 27     | 6,767          | 28      | 49,863           | 29 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit       | 195          | 36    | 660               | 39     | 7,936          | 33      | 60,153           | 35 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much         | 91           | 16    | 407               | 24     | 5,775          | 24      | 39,924           | 23 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 551               | 100          | 1,657 | 100               | 23,703 | 100            | 171,188 | 100              |    |                                      |                   |                          |                |                          |                  |                          |
| g. Helping you manage your non-academic responsibilities (work, family, etc.)                | SEnonacad                  | 1                   | Very little       | 181          | 32    | 492               | 30     | 7,452          | 32      | 56,952           | 34 | 2.1                                  | 2.2               | -.07                     | 2.2 *          | -.10                     | 2.1              | -.02                     |
|                                                                                              |                            | 2                   | Some              | 200          | 36    | 602               | 36     | 7,805          | 32      | 58,365           | 34 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit       | 118          | 23    | 377               | 23     | 5,146          | 22      | 35,394           | 21 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much         | 51           | 9     | 185               | 11     | 3,299          | 14      | 20,355           | 12 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 550               | 100          | 1,656 | 100               | 23,702 | 100            | 171,066 | 100              |    |                                      |                   |                          |                |                          |                  |                          |
| h. Attending campus activities and events (performing arts, athletic events, etc.)           | SEactivities               | 1                   | Very little       | 123          | 23    | 220               | 14     | 5,706          | 26      | 31,842           | 20 | 2.4                                  | 2.6 ***           | -.23                     | 2.4            | -.02                     | 2.5 *            | -.10                     |
|                                                                                              |                            | 2                   | Some              | 142          | 26    | 486               | 30     | 6,256          | 26      | 49,581           | 29 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit       | 213          | 38    | 607               | 37     | 7,009          | 29      | 55,437           | 31 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much         | 73           | 12    | 342               | 20     | 4,662          | 20      | 33,925           | 19 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 551               | 100          | 1,655 | 100               | 23,633 | 100            | 170,785 | 100              |    |                                      |                   |                          |                |                          |                  |                          |
| i. Attending events that address important social, economic, or political issues             | SEevents                   | 1                   | Very little       | 156          | 29    | 320               | 20     | 6,185          | 28      | 39,293           | 24 | 2.2                                  | 2.4 ***           | -.19                     | 2.3 *          | -.09                     | 2.3 **           | -.11                     |
|                                                                                              |                            | 2                   | Some              | 189          | 34    | 602               | 37     | 7,710          | 32      | 60,751           | 35 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Quite a bit       | 144          | 27    | 506               | 30     | 6,234          | 26      | 46,563           | 27 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Very much         | 61           | 11    | 226               | 13     | 3,516          | 15      | 24,189           | 14 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 550               | 100          | 1,654 | 100               | 23,645 | 100            | 170,796 | 100              |    |                                      |                   |                          |                |                          |                  |                          |
| 15. To what extent do you agree or disagree with the following statements?                   |                            |                     |                   |              |       |                   |        |                |         |                  |    |                                      |                   |                          |                |                          |                  |                          |
| a. I feel comfortable being myself at this institution.                                      | sbmyself                   | 1                   | Strongly disagree | 15           | 3     | 29                | 2      | 648            | 3       | 4,828            | 3  | 3.2                                  | 3.3               | -.04                     | 3.3 *          | -.10                     | 3.3              | -.04                     |
|                                                                                              |                            | 2                   | Disagree          | 39           | 7     | 124               | 8      | 1,663          | 7       | 12,897           | 8  |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 3                   | Agree             | 291          | 52    | 849               | 51     | 10,841         | 45      | 83,064           | 48 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | 4                   | Strongly agree    | 205          | 38    | 651               | 39     | 10,527         | 45      | 70,138           | 42 |                                      |                   |                          |                |                          |                  |                          |
|                                                                                              |                            | Total               | 550               | 100          | 1,653 | 100               | 23,679 | 100            | 170,927 | 100              |    |                                      |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                                                                            |                                                                                                          |                     |                   | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------|-------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                                                                | Variable name <sup>c</sup>                                                                               | Values <sup>d</sup> | Response options  | Count        | %     | Count             | %      | Count          | %       | Count            | %  | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| b. I feel valued by this institution.                                                                                                      | sbvalued                                                                                                 | 1                   | Strongly disagree | 40           | 8     | 93                | 6      | 1,357          | 6       | 11,929           | 8  | 2.9          | 2.9               | -.01                     | 3.1 ***        | -.20                     | 2.9              | -.04                     |
|                                                                                                                                            |                                                                                                          | 2                   | Disagree          | 110          | 20    | 348               | 21     | 3,659          | 15      | 31,383           | 18 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 3                   | Agree             | 271          | 50    | 843               | 51     | 11,295         | 47      | 83,884           | 48 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 4                   | Strongly agree    | 126          | 23    | 366               | 22     | 7,355          | 32      | 43,601           | 26 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 547               | 100          | 1,650 | 100               | 23,666 | 100            | 170,797 | 100              |    |              |                   |                          |                |                          |                  |                          |
| c. I feel like part of the community at this institution.                                                                                  | sbcommunity                                                                                              | 1                   | Strongly disagree | 36           | 7     | 79                | 5      | 1,314          | 6       | 10,513           | 7  | 2.9          | 2.9               | -.02                     | 3.0 ***        | -.16                     | 2.9              | -.06                     |
|                                                                                                                                            |                                                                                                          | 2                   | Disagree          | 105          | 19    | 372               | 23     | 4,101          | 17      | 32,132           | 19 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 3                   | Agree             | 293          | 53    | 821               | 50     | 11,163         | 47      | 83,810           | 48 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 4                   | Strongly agree    | 117          | 21    | 379               | 23     | 7,107          | 30      | 44,465           | 26 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 551               | 100          | 1,651 | 100               | 23,685 | 100            | 170,920 | 100              |    |              |                   |                          |                |                          |                  |                          |
| 16. About how many hours do you spend in a typical 7-day week doing the following?                                                         |                                                                                                          |                     |                   |              |       |                   |        |                |         |                  |    |              |                   |                          |                |                          |                  |                          |
| a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) | tmprephrs<br>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.) | 0                   | 0 hrs             | 2            | 0     | 8                 | 1      | 97             | 0       | 669              | 0  | 15.5         | 14.1 **           | .16                      | 15.8           | -.03                     | 15.9             | -.04                     |
|                                                                                                                                            |                                                                                                          | 3                   | 1-5 hrs           | 49           | 9     | 239               | 15     | 2,571          | 11      | 18,885           | 11 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 8                   | 6-10 hrs          | 131          | 24    | 403               | 24     | 5,023          | 21      | 35,864           | 21 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 13                  | 11-15 hrs         | 116          | 21    | 357               | 22     | 4,801          | 20      | 34,279           | 20 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 18                  | 16-20 hrs         | 116          | 21    | 292               | 18     | 4,468          | 19      | 32,197           | 19 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 23                  | 21-25 hrs         | 57           | 11    | 162               | 10     | 2,789          | 12      | 20,149           | 12 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 28                  | 26-30 hrs         | 36           | 6     | 85                | 5      | 1,689          | 7       | 12,186           | 7  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | 33                  | More than 30 hrs  | 44           | 8     | 108               | 6      | 2,172          | 9       | 16,191           | 10 |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                            |                                                                                                          | Total               | 551               | 100          | 1,654 | 100               | 23,610 | 100            | 170,420 | 100              |    |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your seniors compared with

| 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> |                   |                |                  |                          |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|------------------|--------------------------------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------------------------------|-------------------|----------------|------------------|--------------------------|--------------------------|
|                                                                                                                                                                           |                                                                                                 |                     |                  | Ferris State                         |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State                         | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Effect size <sup>e</sup> | Effect size <sup>e</sup> |
|                                                                                                                                                                           |                                                                                                 |                     |                  | Count                                | %   | Count             | %   | Count          | %   | Count            | %   | Mean                                 | Mean              | Mean           | Mean             | Mean                     | Mean                     |
| b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) | tmcocurrhrs                                                                                     | 0                   | 0 hrs            | 309                                  | 57  | 775               | 48  | 12,227         | 54  | 80,195           | 49  | 3.9                                  | 4.6 *             | -1.0           | 4.2              | -0.05                    | 4.5 *                    |
|                                                                                                                                                                           | (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)  | 3                   | 1-5 hrs          | 110                                  | 19  | 409               | 25  | 5,355          | 21  | 43,170           | 24  |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 8                   | 6-10 hrs         | 51                                   | 9   | 205               | 12  | 2,358          | 10  | 19,368           | 11  |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 13                  | 11-15 hrs        | 42                                   | 8   | 115               | 7   | 1,507          | 6   | 11,694           | 7   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 18                  | 16-20 hrs        | 16                                   | 3   | 68                | 4   | 972            | 4   | 7,465            | 4   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 23                  | 21-25 hrs        | 11                                   | 2   | 39                | 2   | 532            | 2   | 3,875            | 2   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 28                  | 26-30 hrs        | 1                                    | 0   | 12                | 1   | 230            | 1   | 1,733            | 1   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 33                  | More than 30 hrs | 9                                    | 2   | 30                | 2   | 392            | 2   | 2,639            | 1   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | Total               |                  | 549                                  | 100 | 1,653             | 100 | 23,573         | 100 | 170,139          | 100 |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 |                     |                  |                                      |     |                   |     |                |     |                  |     |                                      |                   |                |                  |                          |                          |
| c. Working for pay on campus                                                                                                                                              | tmworkonhrs                                                                                     | 0                   | 0 hrs            | 416                                  | 76  | 1,284             | 79  | 18,690         | 81  | 128,133          | 77  | 3.7                                  | 2.7 *             | .14            | 2.5 ***          | .19                      | 3.0 *                    |
|                                                                                                                                                                           | (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)  | 3                   | 1-5 hrs          | 16                                   | 3   | 74                | 4   | 917            | 3   | 7,378            | 4   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 8                   | 6-10 hrs         | 26                                   | 4   | 98                | 6   | 1,378          | 5   | 11,739           | 6   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 13                  | 11-15 hrs        | 28                                   | 5   | 75                | 4   | 1,088          | 4   | 8,878            | 5   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 18                  | 16-20 hrs        | 29                                   | 5   | 75                | 5   | 873            | 4   | 8,648            | 5   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 23                  | 21-25 hrs        | 27                                   | 5   | 27                | 2   | 301            | 1   | 2,688            | 2   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 28                  | 26-30 hrs        | 2                                    | 0   | 9                 | 0   | 110            | 1   | 1,028            | 1   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 33                  | More than 30 hrs | 7                                    | 1   | 11                | 1   | 223            | 1   | 1,696            | 1   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | Total               |                  | 551                                  | 100 | 1,653             | 100 | 23,580         | 100 | 170,188          | 100 |                                      |                   |                |                  |                          |                          |
| d. Working for pay off campus                                                                                                                                             | tmworkoffhrs                                                                                    | 0                   | 0 hrs            | 192                                  | 34  | 469               | 27  | 8,680          | 36  | 66,772           | 39  | 15.4                                 | 16.2              | -0.06          | 15.2             | .02                      | 13.5 ***                 |
|                                                                                                                                                                           | (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 16                                   | 3   | 60                | 4   | 1,063          | 4   | 8,257            | 5   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 8                   | 6-10 hrs         | 45                                   | 8   | 101               | 6   | 1,387          | 5   | 10,953           | 6   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 13                  | 11-15 hrs        | 32                                   | 6   | 132               | 8   | 1,588          | 6   | 11,994           | 7   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 18                  | 16-20 hrs        | 46                                   | 8   | 221               | 13  | 1,936          | 7   | 15,554           | 9   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 23                  | 21-25 hrs        | 48                                   | 8   | 199               | 12  | 1,577          | 6   | 12,634           | 7   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 28                  | 26-30 hrs        | 33                                   | 6   | 141               | 9   | 1,235          | 5   | 9,565            | 5   |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | 33                  | More than 30 hrs | 140                                  | 27  | 328               | 22  | 6,132          | 29  | 34,544           | 22  |                                      |                   |                |                  |                          |                          |
|                                                                                                                                                                           |                                                                                                 | Total               |                  | 552                                  | 100 | 1,651             | 100 | 23,598         | 100 | 170,273          | 100 |                                      |                   |                |                  |                          |                          |
| Estimated number of hours working for pay                                                                                                                                 | tmworkhrs                                                                                       |                     |                  |                                      |     |                   |     |                |     |                  |     | 19.1                                 | 19.0              | .01            | 17.6 *           | .10                      | 16.5 ***                 |
|                                                                                                                                                                           | (Continuous variable created by NSSE)                                                           |                     |                  |                                      |     |                   |     |                |     |                  |     |                                      |                   |                |                  |                          |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                                                  |                                                                                               |                     |                  | Ferris State |     | Honors Consortium |       | Carnegie Class |        | NSSE 2021 & 2022 |     | Ferris State |         | Honors Consortium        |          | Carnegie Class           |       | NSSE 2021 & 2022         |  |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------|------------------|--------------|-----|-------------------|-------|----------------|--------|------------------|-----|--------------|---------|--------------------------|----------|--------------------------|-------|--------------------------|--|
| Item wording or description                                                                                      | Variable name <sup>c</sup>                                                                    | Values <sup>d</sup> | Response options | Count        | %   | Count             | %     | Count          | %      | Count            | %   | Mean         | Mean    | Effect size <sup>e</sup> | Mean     | Effect size <sup>e</sup> | Mean  | Effect size <sup>e</sup> |  |
| e. Doing community service or volunteer work                                                                     | tmservehrs                                                                                    | 0                   | 0 hrs            | 340          | 62  | 901               | 55    | 12,081         | 51     | 95,228           | 57  | 2.4          | 3.1 **  | -.13                     | 3.5 ***  | -.18                     | 2.9 * | -.10                     |  |
|                                                                                                                  | (Recorded version of tmserve created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 137          | 24  | 473               | 29    | 7,265          | 30     | 48,993           | 28  |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 8                                                                                             | 6-10 hrs            | 42               | 8            | 126 | 7                 | 1,976 | 9              | 12,515 | 7                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 13                                                                                            | 11-15 hrs           | 17               | 3            | 73  | 4                 | 983   | 4              | 5,946  | 3                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 18                                                                                            | 16-20 hrs           | 7                | 1            | 34  | 2                 | 583   | 3              | 3,380  | 2                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 23                                                                                            | 21-25 hrs           | 5                | 1            | 21  | 1                 | 259   | 1              | 1,649  | 1                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 28                                                                                            | 26-30 hrs           | 0                | 0            | 5   | 0                 | 145   | 1              | 775    | 0                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 33                                                                                            | More than 30 hrs    | 3                | 1            | 13  | 1                 | 269   | 1              | 1,614  | 1                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | Total                                                                                         |                     |                  | 551          | 100 | 1,646             | 100   | 23,561         | 100    | 170,100          | 100 |              |         |                          |          |                          |       |                          |  |
| f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | tmrelaxhrs                                                                                    | 0                   | 0 hrs            | 22           | 5   | 48                | 3     | 1,031          | 5      | 5,730            | 4   | 11.5         | 11.3    | .02                      | 10.0 *** | .18                      | 11.0  | .06                      |  |
|                                                                                                                  | (Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.) | 3                   | 1-5 hrs          | 140          | 25  | 411               | 25    | 7,074          | 30     | 45,247           | 26  |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 8                                                                                             | 6-10 hrs            | 143              | 25           | 451 | 27                | 6,579 | 27             | 47,720 | 28               |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 13                                                                                            | 11-15 hrs           | 105              | 19           | 322 | 20                | 4,040 | 17             | 31,581 | 18               |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 18                                                                                            | 16-20 hrs           | 61               | 11           | 206 | 13                | 2,458 | 10             | 19,879 | 12               |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 23                                                                                            | 21-25 hrs           | 36               | 6            | 97  | 6                 | 967   | 4              | 8,138  | 5                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 28                                                                                            | 26-30 hrs           | 14               | 3            | 40  | 2                 | 476   | 2              | 3,791  | 2                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 33                                                                                            | More than 30 hrs    | 30               | 6            | 75  | 5                 | 929   | 4              | 8,018  | 5                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | Total                                                                                         |                     |                  | 551          | 100 | 1,650             | 100   | 23,554         | 100    | 170,104          | 100 |              |         |                          |          |                          |       |                          |  |
| g. Providing care for dependents (children, parents, etc.)                                                       | tmcarehrs                                                                                     | 0                   | 0 hrs            | 368          | 64  | 1,105             | 66    | 13,127         | 53     | 105,814          | 61  | 7.6          | 5.2 *** | .23                      | 9.3 **   | -.13                     | 6.7   | .08                      |  |
|                                                                                                                  | (Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)  | 3                   | 1-5 hrs          | 36           | 7   | 180               | 11    | 2,471          | 10     | 18,540           | 11  |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 8                                                                                             | 6-10 hrs            | 16               | 3            | 66  | 4                 | 1,313 | 6              | 9,573  | 6                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 13                                                                                            | 11-15 hrs           | 19               | 4            | 67  | 4                 | 951   | 4              | 6,278  | 4                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 18                                                                                            | 16-20 hrs           | 11               | 2            | 65  | 4                 | 800   | 4              | 4,963  | 3                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 23                                                                                            | 21-25 hrs           | 9                | 2            | 25  | 2                 | 425   | 2              | 2,607  | 2                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 28                                                                                            | 26-30 hrs           | 6                | 1            | 10  | 1                 | 391   | 2              | 2,050  | 1                |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | 33                                                                                            | More than 30 hrs    | 87               | 17           | 132 | 8                 | 4,072 | 19             | 20,157 | 13               |     |              |         |                          |          |                          |       |                          |  |
|                                                                                                                  | Total                                                                                         |                     |                  | 552          | 100 | 1,650             | 100   | 23,550         | 100    | 169,982          | 100 |              |         |                          |          |                          |       |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                                                                                                           |                                                                                                 |                             |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium |                          | Carnegie Class |                          | NSSE 2021 & 2022 |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|-----|--------------|-------------------|--------------------------|----------------|--------------------------|------------------|--------------------------|
| Item wording or description                                                                                                                                               | Variable name <sup>c</sup>                                                                      | Values <sup>d</sup>         | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %   | Mean         | Mean              | Effect size <sup>e</sup> | Mean           | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> |
| h. Commuting to campus (driving, walking, etc.)                                                                                                                           | tmcommutehrs                                                                                    | 0                           | 0 hrs            | 199          | 37    | 320               | 20     | 10,881         | 50      | 60,432           | 37  | 3.7          | 4.7 ***<br>▽      | -.17                     | 3.3            | .07                      | 4.0              | -.04                     |
|                                                                                                                                                                           | (Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.) | 3                           | 1-5 hrs          | 246          | 44    | 908               | 55     | 8,201          | 32      | 73,195           | 42  |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 8                                                                                               | 6-10 hrs                    | 55               | 10           | 249   | 15                | 2,479  | 10             | 20,885  | 12               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 13                                                                                              | 11-15 hrs                   | 31               | 5            | 85    | 5                 | 1,004  | 4              | 7,504   | 4                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 18                                                                                              | 16-20 hrs                   | 6                | 1            | 43    | 2                 | 390    | 2              | 3,416   | 2                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 23                                                                                              | 21-25 hrs                   | 7                | 1            | 18    | 1                 | 187    | 1              | 1,695   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 28                                                                                              | 26-30 hrs                   | 1                | 0            | 8     | 0                 | 105    | 0              | 828     | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 33                                                                                              | More than 30 hrs            | 7                | 1            | 20    | 1                 | 312    | 1              | 2,285   | 1                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | Total                                                                                           |                             | 552              | 100          | 1,651 | 100               | 23,559 | 100            | 170,240 | 100              |     |              |                   |                          |                |                          |                  |                          |
| 17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?                                                             |                                                                                                 |                             |                  |              |       |                   |        |                |         |                  |     |              |                   |                          |                |                          |                  |                          |
| reading                                                                                                                                                                   | 1                                                                                               | Very little                 | 101              | 18           | 304   | 19                | 2,624  | 11             | 22,073  | 14               | 2.5 | 2.6          | -.06              | 2.9 ***<br>▽             | -.35           | 2.8 ***<br>▽             | -.25             |                          |
|                                                                                                                                                                           | 2                                                                                               | Some                        | 190              | 35           | 524   | 32                | 6,533  | 27             | 49,706  | 29               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 3                                                                                               | About half                  | 156              | 29           | 458   | 28                | 7,090  | 30             | 47,272  | 28               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 4                                                                                               | Most                        | 75               | 13           | 248   | 15                | 5,027  | 22             | 35,058  | 20               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 5                                                                                               | Almost all                  | 28               | 5            | 112   | 7                 | 2,208  | 10             | 15,594  | 9                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | Total                                                                                           |                             | 550              | 100          | 1,646 | 100               | 23,482 | 100            | 169,703 | 100              |     |              |                   |                          |                |                          |                  |                          |
| tmreadinghrs                                                                                                                                                              |                                                                                                 |                             |                  |              |       |                   |        |                |         |                  |     | 6.3          | 6.0               | .06                      | 8.0 ***<br>▽   | -.25                     | 7.6 ***<br>▽     | -.19                     |
| (Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90) |                                                                                                 |                             |                  |              |       |                   |        |                |         |                  |     |              |                   |                          |                |                          |                  |                          |
| tmreadinghrscol                                                                                                                                                           | 1                                                                                               | 0 hrs                       | 2                | 0            | 8     | 1                 | 92     | 0              | 656     | 0                |     |              |                   |                          |                |                          |                  |                          |
| (Collapsed version of tmreadinghrs created by NSSE.)                                                                                                                      | 2                                                                                               | More than zero, up to 5 hrs | 308              | 56           | 915   | 56                | 10,211 | 43             | 76,736  | 46               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 3                                                                                               | More than 5, up to 10 hrs   | 138              | 25           | 433   | 26                | 6,858  | 29             | 49,513  | 29               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 4                                                                                               | More than 10, up to 15 hrs  | 43               | 8            | 157   | 9                 | 2,757  | 12             | 18,788  | 11               |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 5                                                                                               | More than 15, up to 20 hrs  | 31               | 6            | 57    | 3                 | 1,649  | 7              | 11,241  | 7                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 6                                                                                               | More than 20, up to 25 hrs  | 20               | 4            | 55    | 3                 | 1,172  | 5              | 8,025   | 5                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | 7                                                                                               | More than 25 hrs            | 6                | 1            | 18    | 1                 | 651    | 3              | 4,147   | 2                |     |              |                   |                          |                |                          |                  |                          |
|                                                                                                                                                                           | Total                                                                                           |                             | 548              | 100          | 1,643 | 100               | 23,390 | 100            | 169,106 | 100              |     |              |                   |                          |                |                          |                  |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Seniors                                                                                                                                      |                            |                     |                  | Frequency Distributions <sup>a</sup> |       |                   |        |                |         |                  |    | Statistical Comparisons <sup>b</sup> |         |                          |         |                          |         |                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------------------------------|-------|-------------------|--------|----------------|---------|------------------|----|--------------------------------------|---------|--------------------------|---------|--------------------------|---------|--------------------------|--|
|                                                                                                                                              |                            |                     |                  |                                      |       |                   |        |                |         |                  |    | Your seniors compared with           |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            |                     |                  | Ferris State                         |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |    | Ferris State                         |         | Honors Consortium        |         | Carnegie Class           |         | NSSE 2021 & 2022         |  |
| Item wording or description                                                                                                                  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count                                | %     | Count             | %      | Count          | %       | Count            | %  | Mean                                 | Mean    | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> |  |
| 18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas? |                            |                     |                  |                                      |       |                   |        |                |         |                  |    |                                      |         |                          |         |                          |         |                          |  |
| a. Writing clearly and effectively                                                                                                           | pgwrite                    | 1                   | Very little      | 28                                   | 5     | 78                | 5      | 973            | 4       | 8,428            | 6  | 3.0                                  | 3.0     | -.07                     | 3.1 *** | -.21                     | 3.0     | -.07                     |  |
|                                                                                                                                              |                            | 2                   | Some             | 119                                  | 22    | 339               | 21     | 4,202          | 17      | 34,763           | 21 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 238                                  | 43    | 670               | 42     | 8,950          | 37      | 66,563           | 39 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 4                   | Very much        | 166                                  | 30    | 564               | 33     | 9,414          | 41      | 60,177           | 35 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | Total               | 551              | 100                                  | 1,651 | 100               | 23,539 | 100            | 169,931 | 100              |    |                                      |         |                          |         |                          |         |                          |  |
| b. Speaking clearly and effectively                                                                                                          | pgspeak                    | 1                   | Very little      | 36                                   | 7     | 108               | 7      | 1,599          | 8       | 12,157           | 8  | 2.9                                  | 3.0     | -.03                     | 3.0     | -.06                     | 2.9     | .01                      |  |
|                                                                                                                                              |                            | 2                   | Some             | 119                                  | 22    | 385               | 23     | 5,093          | 22      | 39,639           | 24 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 243                                  | 45    | 619               | 38     | 8,594          | 36      | 63,568           | 37 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 4                   | Very much        | 154                                  | 27    | 536               | 32     | 8,213          | 35      | 54,375           | 31 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | Total               | 552              | 100                                  | 1,648 | 100               | 23,499 | 100            | 169,739 | 100              |    |                                      |         |                          |         |                          |         |                          |  |
| c. Thinking critically and analytically                                                                                                      | pgthink                    | 1                   | Very little      | 19                                   | 4     | 28                | 2      | 457            | 2       | 3,832            | 3  | 3.2                                  | 3.3     | -.10                     | 3.3 *** | -.18                     | 3.3 **  | -.11                     |  |
|                                                                                                                                              |                            | 2                   | Some             | 70                                   | 13    | 220               | 14     | 2,721          | 12      | 21,406           | 13 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 234                                  | 42    | 660               | 40     | 8,652          | 36      | 64,186           | 37 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 4                   | Very much        | 227                                  | 41    | 740               | 44     | 11,695         | 50      | 80,376           | 47 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | Total               | 550              | 100                                  | 1,648 | 100               | 23,525 | 100            | 169,800 | 100              |    |                                      |         |                          |         |                          |         |                          |  |
| d. Analyzing numerical and statistical information                                                                                           | pganalyze                  | 1                   | Very little      | 52                                   | 9     | 144               | 9      | 2,277          | 10      | 14,960           | 9  | 2.9                                  | 2.9     | -.01                     | 2.9     | -.01                     | 2.9     | -.05                     |  |
|                                                                                                                                              |                            | 2                   | Some             | 147                                  | 26    | 419               | 25     | 5,936          | 25      | 41,995           | 24 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 182                                  | 33    | 581               | 35     | 7,707          | 32      | 57,512           | 34 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 4                   | Very much        | 170                                  | 32    | 505               | 31     | 7,577          | 33      | 55,266           | 33 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | Total               | 551              | 100                                  | 1,649 | 100               | 23,497 | 100            | 169,733 | 100              |    |                                      |         |                          |         |                          |         |                          |  |
| e. Acquiring job- or work-related knowledge and skills                                                                                       | pgwork                     | 1                   | Very little      | 40                                   | 7     | 130               | 8      | 1,577          | 7       | 13,894           | 9  | 3.1                                  | 2.9 *** | .18                      | 3.0     | .04                      | 2.9 *** | .15                      |  |
|                                                                                                                                              |                            | 2                   | Some             | 93                                   | 17    | 395               | 24     | 4,841          | 20      | 38,612           | 23 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 201                                  | 37    | 595               | 36     | 8,055          | 34      | 58,274           | 34 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 4                   | Very much        | 217                                  | 39    | 529               | 32     | 9,023          | 39      | 58,985           | 34 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | Total               | 551              | 100                                  | 1,649 | 100               | 23,496 | 100            | 169,765 | 100              |    |                                      |         |                          |         |                          |         |                          |  |
| f. Working effectively with others                                                                                                           | pgothers                   | 1                   | Very little      | 23                                   | 4     | 72                | 5      | 1,281          | 6       | 8,828            | 6  | 3.1                                  | 3.0     | .06                      | 3.1     | .04                      | 3.0 *   | .09                      |  |
|                                                                                                                                              |                            | 2                   | Some             | 101                                  | 18    | 343               | 21     | 4,568          | 20      | 34,663           | 21 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 3                   | Quite a bit      | 221                                  | 40    | 643               | 39     | 8,525          | 36      | 64,443           | 37 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | 4                   | Very much        | 206                                  | 37    | 588               | 35     | 9,124          | 39      | 61,790           | 35 |                                      |         |                          |         |                          |         |                          |  |
|                                                                                                                                              |                            | Total               | 551              | 100                                  | 1,646 | 100               | 23,498 | 100            | 169,724 | 100              |    |                                      |         |                          |         |                          |         |                          |  |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

| Frequency Distributions <sup>a</sup>                                                                            |                            |                     |                  |              |       |                   |        |                |         |                  |        | Statistical Comparisons <sup>b</sup> |        |                          |         |                          |        |                          |      |        |      |
|-----------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-------|-------------------|--------|----------------|---------|------------------|--------|--------------------------------------|--------|--------------------------|---------|--------------------------|--------|--------------------------|------|--------|------|
|                                                                                                                 |                            |                     |                  |              |       |                   |        |                |         |                  |        | Your seniors compared with           |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  | Ferris State |       | Honors Consortium |        | Carnegie Class |         | NSSE 2021 & 2022 |        | Ferris State                         |        | Honors Consortium        |         | Carnegie Class           |        | NSSE 2021 & 2022         |      |        |      |
| Item wording or description                                                                                     | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %     | Count             | %      | Count          | %       | Count            | %      | Mean                                 | Mean   | Effect size <sup>e</sup> | Mean    | Effect size <sup>e</sup> | Mean   | Effect size <sup>e</sup> |      |        |      |
| g. Developing or clarifying a personal code of values and ethics                                                | pgvalues                   | 1                   | Very little      | 42           | 8     | 162               | 10     | 1,680          | 8       | 16,204           | 11     | 2.9                                  | 2.9    | .04                      | 3.0 **  | -.13                     | 2.9    | .04                      |      |        |      |
|                                                                                                                 |                            | 2                   | Some             | 131          | 24    | 386               | 24     | 4,800          | 20      | 39,734           | 24     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 3                   | Quite a bit      | 205          | 38    | 575               | 35     | 8,167          | 34      | 58,861           | 34     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 4                   | Very much        | 172          | 30    | 525               | 31     | 8,845          | 38      | 54,841           | 31     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | Total               | 550              | 100          | 1,648 | 100               | 23,492 | 100            | 169,640 | 100              |        |                                      |        |                          |         |                          |        |                          |      |        |      |
| h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.) | pgdiverse                  | 1                   | Very little      | 54           | 11    | 132               | 8      | 1,830          | 8       | 14,658           | 10     | 2.8                                  | 2.9 *  | -.13                     | 3.0 *** | -.21                     | 2.9 ** | -.12                     |      |        |      |
|                                                                                                                 |                            | 2                   | Some             | 151          | 28    | 410               | 26     | 5,358          | 23      | 40,985           | 25     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 3                   | Quite a bit      | 194          | 35    | 583               | 35     | 7,915          | 33      | 58,240           | 34     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 4                   | Very much        | 150          | 26    | 523               | 31     | 8,385          | 36      | 55,761           | 32     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | Total               | 549              | 100          | 1,648 | 100               | 23,488 | 100            | 169,644 | 100              |        |                                      |        |                          |         |                          |        |                          |      |        |      |
| i. Solving complex real-world problems                                                                          | pgprobsolve                | 1                   | Very little      | 49           | 9     | 138               | 9      | 1,803          | 8       | 14,358           | 9      | 2.9                                  | 2.9    | .02                      | 2.9     | -.06                     | 2.9    | .02                      |      |        |      |
|                                                                                                                 |                            | 2                   | Some             | 128          | 23    | 429               | 26     | 5,661          | 24      | 43,328           | 26     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 3                   | Quite a bit      | 206          | 38    | 589               | 35     | 8,276          | 35      | 60,553           | 35     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 4                   | Very much        | 168          | 30    | 497               | 29     | 7,765          | 33      | 51,448           | 30     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | Total               | 551              | 100          | 1,653 | 100               | 23,505 | 100            | 169,687 | 100              |        |                                      |        |                          |         |                          |        |                          |      |        |      |
| j. Being an informed and active citizen                                                                         | pgcitizen                  | 1                   | Very little      | 72           | 14    | 200               | 12     | 2,306          | 10      | 19,151           | 12     | 2.7                                  | 2.8    | -.08                     | 2.9 *** | -.20                     | 2.8    | -.08                     |      |        |      |
|                                                                                                                 |                            | 2                   | Some             | 155          | 28    | 433               | 27     | 5,975          | 25      | 46,685           | 28     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 3                   | Quite a bit      | 193          | 35    | 570               | 35     | 7,769          | 32      | 56,290           | 32     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | 4                   | Very much        | 132          | 23    | 447               | 26     | 7,459          | 32      | 47,680           | 28     |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            | Total               | 552              | 100          | 1,650 | 100               | 23,509 | 100            | 169,806 | 100              |        |                                      |        |                          |         |                          |        |                          |      |        |      |
| 19. How would you evaluate your entire educational experience at this institution?                              |                            |                     |                  |              |       |                   |        |                |         |                  |        |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  | evalexp      | 1     | Poor              | 19     | 4              | 38      | 2                | 626    | 3                                    | 5,042  | 3                        | 3.1     | 3.2 *                    | -.11   | 3.3 ***                  | -.26 | 3.2 ** | -.14 |
|                                                                                                                 |                            |                     |                  |              | 2     | Fair              | 99     | 18             | 225     | 14               | 2,761  | 12                                   | 22,978 | 14                       |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  |              | 3     | Good              | 250    | 45             | 803     | 48               | 9,521  | 39                                   | 74,995 | 43                       |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  |              | 4     | Excellent         | 182    | 34             | 582     | 35               | 10,640 | 46                                   | 67,018 | 40                       |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  |              | Total | 550               | 100    | 1,648          | 100     | 23,548           | 100    | 170,033                              | 100    |                          |         |                          |        |                          |      |        |      |
| 20. If you could start over again, would you go to the same institution you are now attending?                  |                            |                     |                  |              |       |                   |        |                |         |                  |        |                                      |        |                          |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  | sameinst     | 1     | Definitely no     | 28     | 5              | 76      | 5                | 1,204  | 5                                    | 8,677  | 5                        | 3.1     | 3.1                      | -.03   | 3.2 ***                  | -.15 | 3.2    | -.08 |
|                                                                                                                 |                            |                     |                  |              | 2     | Probably no       | 95     | 16             | 224     | 14               | 2,910  | 12                                   | 22,866 | 13                       |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  |              | 3     | Probably yes      | 219    | 40             | 739     | 45               | 8,803  | 36                                   | 68,196 | 40                       |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  |              | 4     | Definitely yes    | 208    | 38             | 617     | 37               | 10,694 | 47                                   | 70,776 | 42                       |         |                          |        |                          |      |        |      |
|                                                                                                                 |                            |                     |                  |              | Total | 550               | 100    | 1,656          | 100     | 23,611           | 100    | 170,515                              | 100    |                          |         |                          |        |                          |      |        |      |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Ferris State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

Your seniors compared with

|                                                                                                                                                              |                            |                     |                  | Ferris State |     | Honors Consortium |     | Carnegie Class |     | NSSE 2021 & 2022 |     | Ferris State | Honors Consortium | Carnegie Class           | NSSE 2021 & 2022 |                          |      |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|--------------|-----|-------------------|-----|----------------|-----|------------------|-----|--------------|-------------------|--------------------------|------------------|--------------------------|------|--------------------------|
| Item wording or description                                                                                                                                  | Variable name <sup>c</sup> | Values <sup>d</sup> | Response options | Count        | %   | Count             | %   | Count          | %   | Count            | %   | Mean         | Mean              | Effect size <sup>e</sup> | Mean             | Effect size <sup>e</sup> | Mean | Effect size <sup>e</sup> |
| 22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic? |                            |                     |                  |              |     |                   |     |                |     |                  |     |              |                   |                          |                  |                          |      |                          |
|                                                                                                                                                              | covidexp                   | 1                   | Very little      | 40           | 8   | 101               | 6   | 1,644          | 8   | 11,452           | 7   | 2.9          | 3.0               | -.03                     | 3.1 **           | -.12                     | 3.0  | -.07                     |
|                                                                                                                                                              |                            | 2                   | Some             | 130          | 22  | 369               | 23  | 4,551          | 19  | 35,871           | 21  |              |                   |                          |                  |                          |      |                          |
|                                                                                                                                                              |                            | 3                   | Quite a bit      | 214          | 39  | 641               | 39  | 7,951          | 33  | 61,101           | 35  |              |                   |                          |                  |                          |      |                          |
|                                                                                                                                                              |                            | 4                   | Very much        | 168          | 31  | 542               | 32  | 9,403          | 40  | 61,947           | 37  |              |                   |                          |                  |                          |      |                          |
|                                                                                                                                                              |                            | Total               |                  | 552          | 100 | 1,653             | 100 | 23,549         | 100 | 170,371          | 100 |              |                   |                          |                  |                          |      |                          |

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2022 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Ferris State University

### First-Year Students

| Variable Name    | N            |              |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                   |                |                  | Degrees of freedom <sup>j</sup>        |                                     |                                       | Significance <sup>k</sup>              |                                     |                                       | Effect size <sup>e</sup>               |                                     |                                       |
|------------------|--------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|-------------------|----------------|------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|
|                  | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                    | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 |
| 1 a. askquest    | 195          | 2.58         | 2.83              | 2.90           | 2.78             | .059                        | .017              | .005           | .002             | .83                             | .85               | .85            | .85              | 2,601                                  | 28,313                              | 229,637                               | .000                                   | .000                                | .001                                  | -.30                                   | -.38                                | -.23                                  |
| b. CLaskhelp     | 192          | 2.46         | 2.47              | 2.32           | 2.38             | .065                        | .018              | .006           | .002             | .90                             | .90               | .95            | .93              | 2,586                                  | 28,143                              | 228,129                               | .850                                   | .040                                | .266                                  | -.01                                   | .15                                 | .08                                   |
| c. CLexplain     | 192          | 2.62         | 2.54              | 2.41           | 2.44             | .059                        | .018              | .005           | .002             | .81                             | .86               | .92            | .89              | 2,588                                  | 195                                 | 227,693                               | .194                                   | .000                                | .004                                  | .10                                    | .24                                 | .21                                   |
| d. CLstudy       | 190          | 2.20         | 2.36              | 2.21           | 2.23             | .069                        | .020              | .006           | .002             | .95                             | .98               | 1.00           | .98              | 2,567                                  | 27,942                              | 226,224                               | .028                                   | .905                                | .680                                  | -.17                                   | -.01                                | -.03                                  |
| e. CLproject     | 190          | 2.54         | 2.51              | 2.42           | 2.44             | .061                        | .018              | .006           | .002             | .84                             | .86               | .95            | .91              | 2,558                                  | 193                                 | 224,912                               | .668                                   | .047                                | .119                                  | .03                                    | .13                                 | .11                                   |
| f. present       | 189          | 2.18         | 2.13              | 2.18           | 2.12             | .067                        | .019              | .006           | .002             | .92                             | .92               | .93            | .89              | 2,553                                  | 27,733                              | 224,429                               | .496                                   | .977                                | .324                                  | .05                                    | .00                                 | .07                                   |
| 2 a. RIintegrate | 187          | 2.56         | 2.63              | 2.59           | 2.54             | .063                        | .018              | .005           | .002             | .86                             | .85               | .89            | .87              | 2,512                                  | 27,330                              | 220,810                               | .278                                   | .694                                | .745                                  | -.08                                   | -.03                                | .02                                   |
| b. RISocietal    | 187          | 2.53         | 2.64              | 2.65           | 2.58             | .062                        | .018              | .005           | .002             | .84                             | .88               | .90            | .89              | 2,493                                  | 27,072                              | 218,529                               | .080                                   | .052                                | .395                                  | -.13                                   | -.14                                | -.06                                  |
| c. RIDiverse     | 186          | 2.47         | 2.68              | 2.69           | 2.61             | .063                        | .019              | .006           | .002             | .86                             | .91               | .91            | .92              | 2,474                                  | 26,807                              | 216,245                               | .002                                   | .001                                | .033                                  | -.24                                   | -.24                                | -.16                                  |
| d. RIownview     | 186          | 2.74         | 2.83              | 2.85           | 2.78             | .055                        | .017              | .005           | .002             | .75                             | .79               | .82            | .82              | 2,453                                  | 26,442                              | 213,209                               | .160                                   | .095                                | .556                                  | -.11                                   | -.12                                | -.04                                  |
| e. RIPerspect    | 186          | 2.90         | 2.95              | 2.99           | 2.92             | .062                        | .016              | .005           | .002             | .84                             | .77               | .80            | .80              | 212                                    | 187                                 | 209,304                               | .415                                   | .147                                | .745                                  | -.07                                   | -.11                                | -.02                                  |
| f. RInewview     | 184          | 2.79         | 2.88              | 2.90           | 2.84             | .060                        | .017              | .005           | .002             | .82                             | .80               | .82            | .81              | 2,375                                  | 25,605                              | 205,603                               | .183                                   | .088                                | .433                                  | -.10                                   | -.13                                | -.06                                  |
| g. RIconnect     | 183          | 3.05         | 3.05              | 3.08           | 3.03             | .058                        | .016              | .005           | .002             | .79                             | .73               | .76            | .76              | 2,353                                  | 25,282                              | 202,766                               | .979                                   | .599                                | .802                                  | .00                                    | -.04                                | .02                                   |
| 3 a. SFcareer    | 181          | 2.47         | 2.43              | 2.30           | 2.24             | .073                        | .020              | .006           | .002             | .98                             | .92               | .96            | .94              | 2,347                                  | 25,245                              | 181                                   | .653                                   | .022                                | .002                                  | .03                                    | .17                                 | .24                                   |
| b. SFotherwork   | 181          | 1.84         | 1.85              | 1.76           | 1.74             | .072                        | .021              | .006           | .002             | .97                             | .96               | .94            | .91              | 2,339                                  | 25,112                              | 201,288                               | .870                                   | .265                                | .120                                  | -.01                                   | .08                                 | .12                                   |
| c. SFdiscuss     | 181          | 2.08         | 2.05              | 1.97           | 1.94             | .072                        | .020              | .006           | .002             | .98                             | .93               | .94            | .91              | 2,320                                  | 24,840                              | 198,988                               | .691                                   | .108                                | .029                                  | .03                                    | .12                                 | .16                                   |
| d. SFperform     | 180          | 2.19         | 2.26              | 2.14           | 2.10             | .065                        | .019              | .006           | .002             | .87                             | .87               | .91            | .90              | 2,314                                  | 24,825                              | 198,966                               | .336                                   | .465                                | .146                                  | -.07                                   | .05                                 | .11                                   |
| 4 a. memorize    | 180          | 2.84         | 2.94              | 2.86           | 2.86             | .067                        | .018              | .005           | .002             | .89                             | .81               | .85            | .83              | 205                                    | 24,667                              | 197,401                               | .146                                   | .701                                | .677                                  | -.12                                   | -.03                                | -.03                                  |
| b. HOapply       | 179          | 2.80         | 2.91              | 2.91           | 2.88             | .061                        | .017              | .005           | .002             | .81                             | .78               | .82            | .82              | 2,280                                  | 24,497                              | 196,060                               | .083                                   | .077                                | .201                                  | -.14                                   | -.13                                | -.10                                  |
| c. HOanalyze     | 179          | 2.80         | 2.89              | 2.92           | 2.88             | .062                        | .017              | .005           | .002             | .83                             | .80               | .83            | .82              | 2,263                                  | 24,184                              | 193,527                               | .161                                   | .051                                | .213                                  | -.11                                   | -.15                                | -.09                                  |
| d. HOevaluate    | 179          | 2.73         | 2.93              | 2.97           | 2.89             | .065                        | .017              | .005           | .002             | .87                             | .78               | .82            | .82              | 203                                    | 180                                 | 178                                   | .004                                   | .000                                | .012                                  | -.25                                   | -.30                                | -.20                                  |
| e. HOform        | 176          | 2.79         | 2.92              | 2.94           | 2.89             | .064                        | .017              | .005           | .002             | .84                             | .77               | .81            | .81              | 201                                    | 178                                 | 191,345                               | .051                                   | .018                                | .101                                  | -.17                                   | -.19                                | -.12                                  |
| 5 a. ETgoals     | 174          | 2.91         | 3.06              | 3.10           | 3.03             | .057                        | .017              | .005           | .002             | .75                             | .77               | .81            | .80              | 2,237                                  | 23,733                              | 190,071                               | .017                                   | .003                                | .050                                  | -.19                                   | -.23                                | -.15                                  |
| b. ETorganize    | 172          | 2.89         | 2.98              | 3.01           | 2.95             | .062                        | .018              | .006           | .002             | .82                             | .82               | .87            | .86              | 2,227                                  | 23,669                              | 189,391                               | .159                                   | .075                                | .381                                  | -.11                                   | -.14                                | -.07                                  |
| c. ETexample     | 174          | 2.95         | 2.99              | 3.03           | 2.97             | .058                        | .018              | .006           | .002             | .77                             | .82               | .86            | .85              | 2,228                                  | 23,623                              | 189,012                               | .524                                   | .220                                | .736                                  | -.05                                   | -.09                                | -.03                                  |
| d. ETdraftfb     | 174          | 2.80         | 2.90              | 2.92           | 2.81             | .070                        | .019              | .006           | .002             | .92                             | .87               | .92            | .93              | 2,219                                  | 23,539                              | 188,597                               | .138                                   | .077                                | .830                                  | -.12                                   | -.13                                | -.02                                  |
| e. ETfeedback    | 174          | 2.72         | 2.79              | 2.84           | 2.71             | .070                        | .020              | .006           | .002             | .92                             | .90               | .93            | .92              | 2,217                                  | 23,440                              | 187,615                               | .289                                   | .080                                | .951                                  | -.08                                   | -.13                                | .00                                   |
| f. etcriteria    | 173          | 2.90         | 3.01              | 3.05           | 2.97             | .065                        | .018              | .006           | .002             | .86                             | .82               | .85            | .84              | 2,202                                  | 23,338                              | 186,527                               | .100                                   | .020                                | .259                                  | -.13                                   | -.18                                | -.09                                  |
| g. etreview      | 172          | 2.90         | 2.99              | 3.03           | 2.96             | .058                        | .018              | .005           | .002             | .76                             | .79               | .82            | .82              | 2,202                                  | 23,268                              | 185,897                               | .131                                   | .031                                | .341                                  | -.12                                   | -.16                                | -.07                                  |
| h. etprefer      | 173          | 2.53         | 2.68              | 2.72           | 2.62             | .065                        | .019              | .006           | .002             | .85                             | .85               | .91            | .89              | 2,187                                  | 23,194                              | 185,434                               | .027                                   | .007                                | .207                                  | -.18                                   | -.20                                | -.10                                  |
| i. etdemonstrate | 173          | 3.03         | 3.11              | 3.12           | 3.08             | .058                        | .018              | .005           | .002             | .76                             | .80               | .82            | .81              | 206                                    | 175                                 | 172                                   | .190                                   | .134                                | .444                                  | -.10                                   | -.11                                | -.05                                  |

# NSSE 2022 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Ferris State University

### First-Year Students

| Variable Name             | N            |              |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                   |                |                  | Degrees of freedom <sup>j</sup>        |                                     |                                       | Significance <sup>k</sup>              |                                     |                                       | Effect size <sup>e</sup>               |                                     |                                       |
|---------------------------|--------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|-------------------|----------------|------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|
|                           | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                    | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 |
| 6 a. QRconclude           | 173          | 2.45         | 2.65              | 2.59           | 2.59             | .069                        | .019              | .006           | .002             | .91                             | .86               | .90            | .87              | 2,173                                  | 22,807                              | 181,796                               | .003                                   | .034                                | .029                                  | -.24                                   | -.16                                | -.17                                  |
| b. QRproblem              | 170          | 2.19         | 2.47              | 2.41           | 2.38             | .073                        | .021              | .006           | .002             | .96                             | .92               | .95            | .92              | 2,163                                  | 22,697                              | 180,795                               | .000                                   | .002                                | .009                                  | -.30                                   | -.23                                | -.20                                  |
| c. QRevaluate             | 173          | 2.28         | 2.44              | 2.37           | 2.34             | .066                        | .020              | .006           | .002             | .86                             | .89               | .93            | .90              | 2,159                                  | 175                                 | 179,865                               | .031                                   | .213                                | .376                                  | -.17                                   | -.09                                | -.07                                  |
| 7 a. wrshortnum           | 173          | 4.98         | 6.38              | 7.01           | 6.45             | .356                        | .131              | .041           | .014             | 4.67                            | 5.82              | 6.13           | 5.83             | 221                                    | 176                                 | 172                                   | .000                                   | .000                                | .000                                  | -.24                                   | -.33                                | -.25                                  |
| b. wrmednum               | 172          | 1.94         | 2.21              | 2.55           | 2.32             | .235                        | .073              | .026           | .009             | 3.08                            | 3.25              | 3.91           | 3.62             | 2,147                                  | 175                                 | 178,767                               | .282                                   | .010                                | .168                                  | -.09                                   | -.16                                | -.11                                  |
| c. wrlongnum              | 173          | .68          | .93               | 1.21           | 1.07             | .187                        | .062              | .024           | .008             | 2.45                            | 2.78              | 3.51           | 3.23             | 2,152                                  | 177                                 | 172                                   | .244                                   | .005                                | .036                                  | -.09                                   | -.15                                | -.12                                  |
| — wrpages                 | 172          | 40.71        | 50.27             | 58.75          | 53.43            | 4.915                       | 1.582             | .585           | .191             | 64.41                           | 70.17             | 87.03          | 80.35            | 2,136                                  | 176                                 | 171                                   | .085                                   | .000                                | .011                                  | -.14                                   | -.21                                | -.16                                  |
| 8 a. DDrace               | 173          | 2.80         | 3.02              | 2.96           | 2.93             | .069                        | .020              | .006           | .002             | .91                             | .89               | .95            | .94              | 2,149                                  | 22,439                              | 178,921                               | .002                                   | .033                                | .074                                  | -.24                                   | -.16                                | -.14                                  |
| b. DDeconomic             | 173          | 2.97         | 3.01              | 2.94           | 2.90             | .064                        | .020              | .006           | .002             | .84                             | .87               | .93            | .91              | 2,149                                  | 175                                 | 172                                   | .581                                   | .555                                | .263                                  | -.04                                   | .04                                 | .08                                   |
| c. DDreligion             | 173          | 2.85         | 2.96              | 2.82           | 2.82             | .070                        | .021              | .007           | .002             | .92                             | .91               | .97            | .96              | 2,147                                  | 175                                 | 172                                   | .133                                   | .651                                | .684                                  | -.12                                   | .03                                 | .03                                   |
| d. DDpolitical            | 171          | 2.79         | 2.92              | 2.79           | 2.77             | .068                        | .021              | .006           | .002             | .89                             | .91               | .97            | .96              | 2,146                                  | 173                                 | 171                                   | .068                                   | .948                                | .757                                  | -.15                                   | .00                                 | .02                                   |
| e. ddsexorient            | 173          | 2.64         | 2.89              | 2.71           | 2.77             | .073                        | .021              | .008           | .003             | .96                             | .95               | 1.01           | .99              | 2,149                                  | 16,865                              | 113,317                               | .001                                   | .339                                | .076                                  | -.27                                   | -.07                                | -.14                                  |
| f. ddcountry              | 173          | 2.25         | 2.62              | 2.50           | 2.54             | .069                        | .021              | .008           | .003             | .91                             | .95               | .99            | .99              | 206                                    | 176                                 | 172                                   | .000                                   | .000                                | .000                                  | -.39                                   | -.26                                | -.29                                  |
| 9 a. LSreading            | 173          | 2.81         | 2.98              | 3.02           | 2.96             | .058                        | .017              | .005           | .002             | .76                             | .77               | .79            | .79              | 2,137                                  | 22,249                              | 177,230                               | .006                                   | .000                                | .011                                  | -.22                                   | -.27                                | -.19                                  |
| b. LSnotes                | 172          | 2.83         | 2.97              | 2.96           | 2.89             | .069                        | .020              | .006           | .002             | .91                             | .87               | .89            | .88              | 2,134                                  | 22,229                              | 177,139                               | .038                                   | .049                                | .330                                  | -.17                                   | -.15                                | -.07                                  |
| c. LSsummary              | 172          | 2.79         | 2.92              | 2.92           | 2.83             | .065                        | .019              | .006           | .002             | .86                             | .83               | .87            | .86              | 2,132                                  | 22,200                              | 177,063                               | .053                                   | .064                                | .537                                  | -.15                                   | -.14                                | -.05                                  |
| 10 challenge              | 170          | 5.27         | 5.30              | 5.46           | 5.36             | .097                        | .029              | .009           | .003             | 1.26                            | 1.28              | 1.30           | 1.27             | 2,123                                  | 22,018                              | 175,947                               | .732                                   | .056                                | .357                                  | -.03                                   | -.15                                | -.07                                  |
| 11 a. intern <sup>l</sup> | 169          | 6%           | 6%                | 7%             | 7%               | .018                        | .005              | .002           | .001             | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .997                                   | .605                                | .726                                  | .00                                    | -.04                                | -.03                                  |
| b. leader <sup>l</sup>    | 169          | 9%           | 9%                | 9%             | 9%               | .022                        | .007              | .002           | .001             | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .814                                   | .794                                | .976                                  | -.02                                   | -.02                                | .00                                   |
| c. learncom <sup>l</sup>  | 169          | 8%           | 11%               | 10%            | 10%              | .021                        | .007              | .002           | .001             | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .146                                   | .293                                | .403                                  | -.13                                   | -.09                                | -.07                                  |
| d. abroad <sup>l</sup>    | 169          | 2%           | 2%                | 2%             | 2%               | .011                        | .003              | .001           | .000             | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .983                                   | .858                                | .914                                  | .00                                    | -.01                                | .01                                   |
| e. research <sup>l</sup>  | 168          | 5%           | 6%                | 5%             | 5%               | .016                        | .005              | .001           | .000             | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .581                                   | .962                                | .905                                  | -.05                                   | .00                                 | .01                                   |
| f. capstone <sup>l</sup>  | 170          | 3%           | 2%                | 2%             | 2%               | .013                        | .003              | .001           | .000             | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .611                                   | .494                                | .381                                  | .04                                    | .05                                 | .06                                   |
| 12 servcourse             | 169          | 1.58         | 1.64              | 1.68           | 1.59             | .058                        | .016              | .005           | .002             | .76                             | .70               | .75            | .70              | 2,091                                  | 21,651                              | 173,060                               | .247                                   | .066                                | .779                                  | -.09                                   | -.14                                | -.02                                  |
| 13 a. QIstudent           | 166          | 5.40         | 5.39              | 5.43           | 5.29             | .097                        | .032              | .010           | .004             | 1.25                            | 1.38              | 1.45           | 1.46             | 2,069                                  | 168                                 | 165                                   | .896                                   | .781                                | .248                                  | .01                                    | -.02                                | .08                                   |
| b. QIadvisor              | 165          | 5.40         | 5.52              | 5.48           | 5.37             | .119                        | .035              | .011           | .004             | 1.53                            | 1.55              | 1.59           | 1.61             | 2,077                                  | 21,251                              | 169,222                               | .321                                   | .499                                | .798                                  | -.08                                   | -.05                                | .02                                   |
| c. QIfaculty              | 165          | 5.27         | 5.36              | 5.50           | 5.34             | .101                        | .032              | .010           | .003             | 1.30                            | 1.39              | 1.40           | 1.42             | 2,069                                  | 21,231                              | 169,268                               | .420                                   | .030                                | .519                                  | -.07                                   | -.17                                | -.05                                  |
| d. QIstaff                | 149          | 5.03         | 5.13              | 5.24           | 5.09             | .134                        | .039              | .012           | .004             | 1.64                            | 1.63              | 1.64           | 1.65             | 1,847                                  | 18,676                              | 148,584                               | .479                                   | .138                                | .660                                  | -.06                                   | -.12                                | -.04                                  |
| e. QIadmin                | 150          | 5.02         | 5.14              | 5.27           | 5.10             | .125                        | .038              | .012           | .004             | 1.54                            | 1.60              | 1.62           | 1.63             | 1,926                                  | 152                                 | 156,902                               | .368                                   | .046                                | .552                                  | -.08                                   | -.16                                | -.05                                  |

# NSSE 2022 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Ferris State University

### First-Year Students

| Variable Name   | N            | Mean         |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                   |                |                  | Degrees of freedom <sup>j</sup>        |                                     |                                       | Significance <sup>k</sup>              |                                     |                                       | Effect size <sup>e</sup>               |                                     |                                       |
|-----------------|--------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|-------------------|----------------|------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|
|                 | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                    | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 |
| 14 a. empstudy  | 169          | 2.94         | 3.04              | 3.04           | 3.05             | .057                        | .018              | .005           | .002             | .74                             | .77               | .76            | .76              | 2,092                                  | 21,611                              | 172,325                               | .108                                   | .068                                | .044                                  | -.13                                   | -.14                                | -.16                                  |
| b. SEacademic   | 168          | 2.78         | 2.90              | 2.97           | 2.92             | .063                        | .019              | .006           | .002             | .82                             | .84               | .87            | .86              | 2,089                                  | 21,543                              | 171,921                               | .064                                   | .004                                | .030                                  | -.15                                   | -.22                                | -.17                                  |
| c. SElearnsup   | 168          | 2.73         | 2.96              | 3.00           | 2.96             | .073                        | .021              | .006           | .002             | .95                             | .93               | .94            | .92              | 2,085                                  | 21,526                              | 171,689                               | .002                                   | .000                                | .001                                  | -.25                                   | -.29                                | -.25                                  |
| d. SEdiverse    | 168          | 2.51         | 2.74              | 2.74           | 2.68             | .073                        | .021              | .007           | .002             | .95                             | .92               | .97            | .96              | 2,084                                  | 21,474                              | 171,400                               | .002                                   | .002                                | .025                                  | -.25                                   | -.24                                | -.17                                  |
| e. SEsocial     | 168          | 2.65         | 2.90              | 2.87           | 2.79             | .066                        | .020              | .006           | .002             | .86                             | .86               | .93            | .93              | 2,074                                  | 21,443                              | 171,173                               | .000                                   | .003                                | .054                                  | -.29                                   | -.23                                | -.15                                  |
| f. SEwellness   | 168          | 2.56         | 2.85              | 2.81           | 2.77             | .068                        | .020              | .007           | .002             | .88                             | .89               | .95            | .93              | 2,073                                  | 21,430                              | 171,002                               | .000                                   | .001                                | .004                                  | -.33                                   | -.26                                | -.22                                  |
| g. SEnonacad    | 166          | 2.01         | 2.34              | 2.31           | 2.24             | .068                        | .023              | .007           | .002             | .88                             | .98               | 1.00           | .98              | 203                                    | 169                                 | 166                                   | .000                                   | .000                                | .001                                  | -.34                                   | -.30                                | -.23                                  |
| h. SEactivities | 165          | 2.57         | 2.79              | 2.63           | 2.61             | .072                        | .021              | .007           | .002             | .93                             | .91               | 1.03           | 1.00             | 2,066                                  | 167                                 | 170,635                               | .003                                   | .413                                | .630                                  | -.24                                   | -.06                                | -.04                                  |
| i. SEevents     | 165          | 2.27         | 2.44              | 2.39           | 2.36             | .075                        | .022              | .007           | .002             | .97                             | .95               | 1.00           | .97              | 2,070                                  | 21,375                              | 170,682                               | .031                                   | .147                                | .251                                  | -.18                                   | -.11                                | -.09                                  |
| 15 a. sbmyself  | 164          | 3.18         | 3.18              | 3.24           | 3.20             | .054                        | .016              | .005           | .002             | .70                             | .68               | .71            | .70              | 2,068                                  | 21,380                              | 170,604                               | .995                                   | .259                                | .652                                  | .00                                    | -.09                                | -.04                                  |
| b. sbvalued     | 165          | 2.80         | 2.93              | 3.06           | 2.96             | .060                        | .017              | .005           | .002             | .77                             | .72               | .76            | .76              | 191                                    | 21,351                              | 165                                   | .033                                   | .000                                | .011                                  | -.18                                   | -.33                                | -.20                                  |
| c. sbcommunity  | 165          | 2.79         | 2.93              | 3.02           | 2.94             | .058                        | .018              | .005           | .002             | .75                             | .76               | .79            | .78              | 2,066                                  | 21,364                              | 170,544                               | .027                                   | .000                                | .017                                  | -.18                                   | -.29                                | -.19                                  |
| 16 a. tmprephrs | 167          | 13.56        | 14.05             | 14.81          | 15.24            | .556                        | .177              | .057           | .020             | 7.18                            | 7.74              | 8.28           | 8.36             | 2,064                                  | 169                                 | 166                                   | .433                                   | .027                                | .003                                  | -.06                                   | -.15                                | -.20                                  |
| b. tmcocurrhrs  | 167          | 4.06         | 5.25              | 5.03           | 4.88             | .480                        | .161              | .049           | .017             | 6.20                            | 6.99              | 7.06           | 6.90             | 205                                    | 169                                 | 166                                   | .020                                   | .045                                | .089                                  | -.17                                   | -.14                                | -.12                                  |
| c. tmworkonhrs  | 167          | 2.86         | 2.44              | 2.21           | 2.08             | .454                        | .137              | .039           | .013             | 5.86                            | 5.95              | 5.62           | 5.45             | 2,056                                  | 21,294                              | 166                                   | .380                                   | .134                                | .085                                  | .07                                    | .12                                 | .14                                   |
| d. tmworkoffhrs | 167          | 5.81         | 9.82              | 8.37           | 7.16             | .770                        | .259              | .082           | .026             | 9.94                            | 11.28             | 11.94          | 10.91            | 205                                    | 170                                 | 166                                   | .000                                   | .001                                | .084                                  | -.36                                   | -.21                                | -.12                                  |
| — tmworkhrs     | 167          | 8.68         | 12.26             | 10.57          | 9.20             | .851                        | .286              | .090           | .030             | 10.99                           | 12.42             | 13.04          | 12.15            | 205                                    | 169                                 | 169,335                               | .000                                   | .029                                | .576                                  | -.29                                   | -.15                                | -.04                                  |
| e. tmservicehrs | 167          | 1.64         | 2.31              | 2.55           | 2.09             | .306                        | .106              | .035           | .011             | 3.95                            | 4.62              | 5.15           | 4.56             | 2,047                                  | 170                                 | 169,739                               | .068                                   | .003                                | .198                                  | -.15                                   | -.18                                | -.10                                  |
| f. tmrelaxhrs   | 167          | 13.47        | 12.75             | 11.70          | 12.26            | .679                        | .194              | .059           | .021             | 8.77                            | 8.43              | 8.51           | 8.57             | 2,056                                  | 21,275                              | 169,777                               | .287                                   | .007                                | .068                                  | .09                                    | .21                                 | .14                                   |
| g. tmcarehrs    | 167          | 1.93         | 2.81              | 5.21           | 3.48             | .477                        | .143              | .070           | .019             | 6.15                            | 6.19              | 10.14          | 8.00             | 2,051                                  | 173                                 | 166                                   | .076                                   | .000                                | .001                                  | -.14                                   | -.32                                | -.19                                  |
| h. tmcommutehrs | 167          | 4.94         | 4.86              | 3.16           | 3.44             | .459                        | .140              | .041           | .014             | 5.93                            | 6.08              | 5.90           | 5.66             | 2,055                                  | 21,229                              | 166                                   | .867                                   | .000                                | .001                                  | .01                                    | .30                                 | .26                                   |
| 17 reading      | 165          | 2.42         | 2.57              | 2.76           | 2.66             | .082                        | .024              | .008           | .003             | 1.06                            | 1.06              | 1.10           | 1.09             | 2,048                                  | 21,181                              | 169,289                               | .077                                   | .000                                | .004                                  | -.14                                   | -.31                                | -.22                                  |
| — tmreadinghrs  | 165          | 5.45         | 5.90              | 6.87           | 6.67             | .408                        | .122              | .042           | .014             | 5.24                            | 5.28              | 6.05           | 5.88             | 2,044                                  | 167                                 | 168,561                               | .302                                   | .001                                | .008                                  | -.08                                   | -.23                                | -.21                                  |

# NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Ferris State University

## First-Year Students

| Variable Name             | N            |              |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                   |                |                  | Degrees of freedom <sup>j</sup>        |                                     |                                       | Significance <sup>k</sup>              |                                     |                                       | Effect size <sup>e</sup>               |                                     |                                       |
|---------------------------|--------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|-------------------|----------------|------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------|---------------------------------------|
|                           | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                    | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Comparisons with:<br>Carnegie Class | Comparisons with:<br>NSSE 2021 & 2022 |
| 18 a. pgwrite             | 165          | 2.61         | 2.91              | 2.94           | 2.81             | .060                        | .019              | .006           | .002             | .77                             | .83               | .86            | .87              | 2,049                                  | 21,197                              | 169,205                               | .000                                   | .000                                | .004                                  | -.37                                   | -.39                                | -.23                                  |
| b. pgspeak                | 165          | 2.62         | 2.77              | 2.78           | 2.65             | .067                        | .021              | .006           | .002             | .86                             | .90               | .93            | .93              | 2,049                                  | 21,175                              | 169,003                               | .040                                   | .029                                | .654                                  | -.17                                   | -.17                                | -.03                                  |
| c. pgthink                | 165          | 2.96         | 3.10              | 3.13           | 3.05             | .062                        | .018              | .006           | .002             | .80                             | .77               | .80            | .81              | 2,046                                  | 21,184                              | 168,982                               | .026                                   | .005                                | .127                                  | -.18                                   | -.22                                | -.12                                  |
| d. pganalyze              | 165          | 2.52         | 2.77              | 2.67           | 2.67             | .070                        | .021              | .007           | .002             | .90                             | .91               | .96            | .94              | 2,045                                  | 21,177                              | 168,958                               | .001                                   | .045                                | .034                                  | -.27                                   | -.16                                | -.16                                  |
| e. pgwork                 | 164          | 2.66         | 2.62              | 2.68           | 2.57             | .072                        | .022              | .007           | .002             | .92                             | .95               | .97            | .97              | 2,050                                  | 21,166                              | 168,965                               | .577                                   | .820                                | .217                                  | .05                                    | -.02                                | .10                                   |
| f. pgothers               | 167          | 2.80         | 2.82              | 2.86           | 2.74             | .063                        | .020              | .006           | .002             | .81                             | .87               | .90            | .91              | 2,052                                  | 21,181                              | 166                                   | .750                                   | .439                                | .361                                  | -.03                                   | -.06                                | .06                                   |
| g. pgvalues               | 167          | 2.58         | 2.72              | 2.84           | 2.67             | .067                        | .021              | .006           | .002             | .86                             | .92               | .93            | .94              | 2,051                                  | 21,157                              | 168,831                               | .062                                   | .000                                | .204                                  | -.15                                   | -.28                                | -.10                                  |
| h. pgdiverse              | 166          | 2.57         | 2.88              | 2.89           | 2.78             | .067                        | .021              | .006           | .002             | .86                             | .89               | .93            | .94              | 2,049                                  | 21,160                              | 168,955                               | .000                                   | .000                                | .003                                  | -.35                                   | -.34                                | -.23                                  |
| i. pgprobsolve            | 167          | 2.37         | 2.69              | 2.71           | 2.63             | .068                        | .021              | .007           | .002             | .88                             | .91               | .95            | .94              | 2,049                                  | 21,170                              | 169,006                               | .000                                   | .000                                | .000                                  | -.35                                   | -.36                                | -.27                                  |
| j. pgcitizen              | 167          | 2.32         | 2.70              | 2.73           | 2.63             | .064                        | .021              | .007           | .002             | .82                             | .93               | .95            | .95              | 205                                    | 169                                 | 166                                   | .000                                   | .000                                | .000                                  | -.40                                   | -.43                                | -.32                                  |
| 19 evalexp                | 164          | 2.98         | 3.06              | 3.16           | 3.07             | .058                        | .016              | .005           | .002             | .74                             | .70               | .76            | .76              | 2,047                                  | 166                                 | 169,496                               | .143                                   | .002                                | .135                                  | -.12                                   | -.24                                | -.12                                  |
| 20 sameinst               | 168          | 3.11         | 3.12              | 3.21           | 3.16             | .059                        | .018              | .006           | .002             | .77                             | .78               | .82            | .79              | 2,057                                  | 170                                 | 169,997                               | .936                                   | .129                                | .418                                  | -.01                                   | -.11                                | -.06                                  |
| 21 returnexp <sup>l</sup> | 168          | 88%          | 88%               | 86%            | 88%              | .0247                       | .0076             | .0024          | .0008            | --                              | --                | --             | --               | --                                     | --                                  | --                                    | .740                                   | .443                                | .757                                  | .03                                    | .06                                 | .02                                   |
| 22 covidexp               | 167          | 2.86         | 3.03              | 3.08           | 3.02             | .072                        | .020              | .006           | .002             | .93                             | .86               | .90            | .90              | 192                                    | 21,363                              | 170,408                               | .025                                   | .001                                | .017                                  | -.20                                   | -.25                                | -.18                                  |

IPEDS: 169910

# NSSE 2022 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Ferris State University

### Seniors

| Variable Name    | N            |              |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                   |                |                  | Degrees of freedom <sup>j</sup>        |                |                  | Significance <sup>k</sup>              |                |                  | Effect size <sup>e</sup>               |                |                  |
|------------------|--------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|-------------------|----------------|------------------|----------------------------------------|----------------|------------------|----------------------------------------|----------------|------------------|----------------------------------------|----------------|------------------|
|                  | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                    | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Carnegie Class | NSSE 2021 & 2022 |
| 1 a. askquest    | 639          | 3.23         | 3.07              | 3.20           | 3.02             | .032                        | .022              | .005           | .002             | .81                             | .88               | .85            | .89              | 2,184                                  | 673            | 204,212          | .000                                   | .266           | .000             | .19                                    | .04            | .24              |
| b. CLaskhelp     | 632          | 2.40         | 2.44              | 2.17           | 2.33             | .038                        | .025              | .006           | .002             | .96                             | .97               | .99            | .97              | 2,166                                  | 26,854         | 203,025          | .455                                   | .000           | .070             | -.04                                   | .24            | .07              |
| c. CLexplain     | 636          | 2.61         | 2.66              | 2.38           | 2.54             | .037                        | .024              | .006           | .002             | .93                             | .93               | .99            | .95              | 2,171                                  | 671            | 202,755          | .335                                   | .000           | .036             | -.05                                   | .24            | .08              |
| d. CLstudy       | 636          | 2.31         | 2.36              | 2.10           | 2.25             | .041                        | .026              | .006           | .002             | 1.03                            | 1.03              | 1.05           | 1.03             | 2,164                                  | 26,703         | 201,614          | .327                                   | .000           | .126             | -.05                                   | .20            | .06              |
| e. CLproject     | 632          | 2.94         | 2.81              | 2.56           | 2.68             | .036                        | .024              | .006           | .002             | .91                             | .95               | 1.01           | .99              | 1,218                                  | 670            | 636              | .002                                   | .000           | .000             | .14                                    | .38            | .27              |
| f. present       | 632          | 2.74         | 2.58              | 2.44           | 2.48             | .038                        | .025              | .006           | .002             | .96                             | .96               | 1.00           | .98              | 2,158                                  | 665            | 200,403          | .001                                   | .000           | .000             | .16                                    | .29            | .26              |
| 2 a. RIintegrate | 627          | 3.02         | 2.96              | 2.89           | 2.88             | .034                        | .022              | .006           | .002             | .86                             | .86               | .88            | .87              | 2,144                                  | 658            | 630              | .147                                   | .000           | .000             | .07                                    | .15            | .16              |
| b. RISocietal    | 626          | 2.81         | 2.82              | 2.88           | 2.79             | .037                        | .024              | .006           | .002             | .92                             | .92               | .90            | .93              | 2,140                                  | 26,168         | 197,325          | .788                                   | .040           | .604             | -.01                                   | -.08           | .02              |
| c. RIDiverse     | 625          | 2.59         | 2.66              | 2.80           | 2.65             | .038                        | .026              | .006           | .002             | .96                             | 1.00              | .95            | .99              | 2,134                                  | 26,003         | 195,919          | .121                                   | .000           | .129             | -.07                                   | -.22           | -.06             |
| d. RIownview     | 622          | 2.88         | 2.86              | 2.97           | 2.86             | .033                        | .022              | .005           | .002             | .83                             | .85               | .83            | .85              | 2,124                                  | 25,835         | 194,239          | .624                                   | .010           | .538             | .02                                    | -.10           | .02              |
| e. RIPerspect    | 617          | 2.96         | 3.00              | 3.06           | 2.99             | .032                        | .021              | .005           | .002             | .80                             | .82               | .80            | .83              | 2,098                                  | 25,572         | 191,635          | .331                                   | .004           | .545             | -.05                                   | -.12           | -.02             |
| f. RInewview     | 611          | 2.98         | 2.96              | 3.02           | 2.96             | .032                        | .022              | .005           | .002             | .80                             | .83               | .80            | .81              | 1,178                                  | 25,322         | 189,276          | .593                                   | .220           | .631             | .03                                    | -.05           | .02              |
| g. RIconnect     | 611          | 3.21         | 3.22              | 3.25           | 3.19             | .030                        | .020              | .005           | .002             | .73                             | .75               | .73            | .75              | 2,073                                  | 25,132         | 187,478          | .788                                   | .118           | .701             | -.01                                   | -.06           | .02              |
| 3 a. SFCareer    | 609          | 2.62         | 2.51              | 2.36           | 2.36             | .041                        | .026              | .006           | .002             | 1.00                            | 1.01              | 1.01           | 1.00             | 2,069                                  | 25,125         | 187,331          | .023                                   | .000           | .000             | .11                                    | .26            | .26              |
| b. SFOtherwork   | 607          | 1.95         | 2.03              | 1.83           | 1.90             | .043                        | .028              | .006           | .002             | 1.06                            | 1.07              | 1.01           | 1.02             | 2,061                                  | 25,027         | 186,505          | .141                                   | .003           | .167             | -.07                                   | .12            | .06              |
| c. SFdiscuss     | 601          | 2.22         | 2.19              | 2.01           | 2.07             | .041                        | .026              | .006           | .002             | 1.01                            | .98               | .99            | .97              | 2,046                                  | 629            | 604              | .562                                   | .000           | .000             | .03                                    | .21            | .15              |
| d. SFperform     | 603          | 2.34         | 2.26              | 2.18           | 2.17             | .039                        | .025              | .006           | .002             | .97                             | .94               | .94            | .94              | 2,048                                  | 631            | 606              | .077                                   | .000           | .000             | .09                                    | .17            | .18              |
| 4 a. memorize    | 605          | 2.65         | 2.77              | 2.68           | 2.74             | .039                        | .024              | .006           | .002             | .96                             | .91               | .92            | .90              | 1,077                                  | 632            | 607              | .011                                   | .438           | .026             | -.13                                   | -.03           | -.10             |
| b. HOapply       | 601          | 3.13         | 3.03              | 3.11           | 3.06             | .033                        | .022              | .005           | .002             | .81                             | .83               | .80            | .81              | 2,032                                  | 24,567         | 183,067          | .022                                   | .523           | .032             | .11                                    | .03            | .09              |
| c. HOanalyze     | 601          | 3.03         | 3.03              | 3.08           | 3.03             | .034                        | .022              | .005           | .002             | .83                             | .82               | .82            | .83              | 2,014                                  | 24,354         | 181,327          | .978                                   | .186           | .925             | .00                                    | -.05           | .00              |
| d. HOevaluate    | 601          | 2.94         | 2.99              | 3.07           | 2.96             | .034                        | .022              | .005           | .002             | .83                             | .84               | .82            | .86              | 2,013                                  | 24,289         | 180,426          | .234                                   | .000           | .604             | -.06                                   | -.15           | -.02             |
| e. HOform        | 596          | 2.98         | 2.99              | 3.06           | 2.98             | .033                        | .022              | .005           | .002             | .80                             | .82               | .81            | .83              | 2,002                                  | 24,186         | 179,516          | .917                                   | .034           | .980             | -.01                                   | -.09           | .00              |
| 5 a. ETgoals     | 596          | 3.10         | 3.12              | 3.19           | 3.12             | .035                        | .021              | .005           | .002             | .85                             | .79               | .80            | .81              | 1,994                                  | 24,085         | 178,450          | .568                                   | .007           | .526             | -.03                                   | -.11           | -.03             |
| b. ETorganize    | 595          | 3.00         | 3.03              | 3.12           | 3.03             | .037                        | .022              | .006           | .002             | .89                             | .84               | .86            | .86              | 1,987                                  | 24,025         | 178,026          | .478                                   | .001           | .367             | -.03                                   | -.13           | -.04             |
| c. ETexample     | 595          | 3.05         | 3.06              | 3.07           | 3.06             | .034                        | .022              | .006           | .002             | .84                             | .83               | .88            | .86              | 1,987                                  | 627            | 177,666          | .809                                   | .602           | .956             | -.01                                   | -.02           | .00              |
| d. ETdraftfb     | 592          | 2.98         | 2.89              | 2.92           | 2.81             | .038                        | .025              | .006           | .002             | .93                             | .93               | .96            | .97              | 1,980                                  | 624            | 596              | .037                                   | .094           | .000             | .10                                    | .07            | .17              |
| e. ETfeedback    | 590          | 2.93         | 2.86              | 2.95           | 2.82             | .038                        | .024              | .006           | .002             | .92                             | .91               | .92            | .93              | 1,973                                  | 23,830         | 593              | .132                                   | .625           | .003             | .07                                    | -.02           | .12              |
| f. etcriteria    | 588          | 3.08         | 3.06              | 3.14           | 3.05             | .035                        | .022              | .006           | .002             | .85                             | .83               | .85            | .85              | 1,966                                  | 23,761         | 175,891          | .653                                   | .067           | .469             | .02                                    | -.08           | .03              |
| g. etreview      | 588          | 3.08         | 3.04              | 3.10           | 3.04             | .034                        | .022              | .006           | .002             | .82                             | .81               | .84            | .83              | 1,964                                  | 23,710         | 175,319          | .392                                   | .557           | .290             | .04                                    | -.02           | .04              |
| h. etprefer      | 587          | 2.88         | 2.75              | 2.83           | 2.74             | .039                        | .025              | .006           | .002             | .94                             | .91               | .92            | .92              | 1,961                                  | 23,685         | 175,081          | .005                                   | .275           | .000             | .14                                    | .05            | .15              |
| i. etdemonstrate | 587          | 3.16         | 3.14              | 3.19           | 3.14             | .034                        | .022              | .005           | .002             | .82                             | .82               | .81            | .82              | 1,961                                  | 23,648         | 174,846          | .692                                   | .328           | .483             | .02                                    | -.04           | .03              |

# NSSE 2022 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Ferris State University

### Seniors

| Variable Name             | N            | Mean         |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                   |                |                  | Degrees of freedom <sup>j</sup>        |                |                  | Significance <sup>k</sup>              |                |                  | Effect size <sup>e</sup>               |                |                  |
|---------------------------|--------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|-------------------|----------------|------------------|----------------------------------------|----------------|------------------|----------------------------------------|----------------|------------------|----------------------------------------|----------------|------------------|
|                           | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                    | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:<br>Honors Consortium | Carnegie Class | NSSE 2021 & 2022 |
| 6 a. QRconclude           | 578          | 2.77         | 2.65              | 2.67           | 2.67             | .038                        | .025              | .006           | .002             | .92                             | .94               | .93            | .92              | 1,941                                  | 23,360         | 172,340          | .008                                   | .009           | .009             | .13                                    | .11            | .11              |
| b. QRproblem              | 576          | 2.60         | 2.47              | 2.52           | 2.49             | .041                        | .027              | .006           | .002             | .98                             | .98               | .96            | .97              | 1,936                                  | 23,283         | 171,671          | .011                                   | .041           | .007             | .13                                    | .09            | .11              |
| c. QRevaluate             | 572          | 2.50         | 2.46              | 2.46           | 2.47             | .038                        | .025              | .006           | .002             | .90                             | .93               | .94            | .94              | 1,926                                  | 23,169         | 170,962          | .380                                   | .336           | .364             | .04                                    | .04            | .04              |
| 7 a. wrshortnum           | 573          | 6.92         | 6.75              | 8.85           | 7.54             | .263                        | .168              | .048           | .016             | 6.30                            | 6.17              | 7.26           | 6.67             | 1,925                                  | 611            | 170,368          | .577                                   | .000           | .027             | .03                                    | -.27           | -.09             |
| b. wrmednum               | 569          | 3.09         | 3.12              | 4.21           | 3.52             | .169                        | .116              | .034           | .011             | 4.03                            | 4.27              | 5.16           | 4.56             | 1,918                                  | 616            | 573              | .874                                   | .000           | .011             | -.01                                   | -.22           | -.09             |
| c. wrlongnum              | 570          | 1.95         | 1.74              | 2.23           | 1.96             | .170                        | .099              | .029           | .010             | 4.07                            | 3.64              | 4.35           | 3.93             | 971                                    | 603            | 170,014          | .277                                   | .110           | .954             | .06                                    | -.06           | .00              |
| — wrpages                 | 567          | 74.56        | 71.06             | 92.93          | 79.67            | 4.128                       | 2.531             | .739           | .243             | 98.26                           | 92.85             | 110.36         | 99.64            | 1,911                                  | 603            | 168,566          | .460                                   | .000           | .222             | .04                                    | -.17           | -.05             |
| 8 a. DDrace               | 569          | 2.76         | 3.06              | 2.97           | 2.98             | .040                        | .024              | .006           | .002             | .94                             | .90               | .95            | .95              | 1,022                                  | 598            | 170,012          | .000                                   | .000           | .000             | -.33                                   | -.23           | -.23             |
| b. DDeconomic             | 568          | 2.90         | 3.01              | 2.96           | 2.96             | .037                        | .024              | .006           | .002             | .87                             | .87               | .92            | .91              | 1,920                                  | 22,982         | 169,559          | .007                                   | .080           | .127             | -.13                                   | -.07           | -.06             |
| c. DDreligion             | 566          | 2.77         | 2.96              | 2.80           | 2.86             | .040                        | .025              | .007           | .002             | .94                             | .91               | .98            | .96              | 1,027                                  | 22,978         | 169,502          | .000                                   | .440           | .022             | -.21                                   | -.03           | -.10             |
| d. DDpolitical            | 567          | 2.83         | 2.97              | 2.83           | 2.82             | .038                        | .025              | .006           | .002             | .91                             | .91               | .96            | .96              | 1,918                                  | 598            | 570              | .001                                   | .997           | .822             | -.16                                   | .00            | .01              |
| e. ddsexorient            | 562          | 2.65         | 2.84              | 2.63           | 2.76             | .041                        | .026              | .008           | .003             | .97                             | .96               | 1.03           | .99              | 1,912                                  | 603            | 107,099          | .000                                   | .564           | .013             | -.19                                   | .02            | -.11             |
| f. ddcountry              | 567          | 2.31         | 2.60              | 2.53           | 2.59             | .041                        | .027              | .007           | .003             | .96                             | .98               | .99            | .99              | 1,074                                  | 605            | 573              | .000                                   | .000           | .000             | -.30                                   | -.22           | -.28             |
| 9 a. LSreading            | 561          | 2.94         | 3.05              | 3.15           | 3.07             | .035                        | .022              | .005           | .002             | .83                             | .80               | .80            | .82              | 1,902                                  | 22,897         | 168,772          | .005                                   | .000           | .000             | -.14                                   | -.26           | -.16             |
| b. LSnotes                | 562          | 2.86         | 2.90              | 2.94           | 2.88             | .040                        | .025              | .006           | .002             | .94                             | .92               | .94            | .93              | 1,904                                  | 22,889         | 168,684          | .374                                   | .068           | .604             | -.04                                   | -.08           | -.02             |
| c. LSsummary              | 561          | 2.91         | 2.92              | 2.99           | 2.89             | .037                        | .024              | .006           | .002             | .88                             | .86               | .88            | .89              | 1,905                                  | 22,871         | 168,583          | .857                                   | .037           | .610             | -.01                                   | -.09           | .02              |
| 10 challenge              | 555          | 5.51         | 5.40              | 5.69           | 5.51             | .059                        | .038              | .009           | .003             | 1.39                            | 1.37              | 1.35           | 1.36             | 1,889                                  | 22,715         | 167,502          | .093                                   | .003           | .947             | .08                                    | -.13           | .00              |
| 11 a. intern <sup>l</sup> | 559          | 54%          | 52%               | 42%            | 44%              | .0211                       | .0137             | .0033          | .0012            | --                              | --                | --             | --               | --                                     | --             | --               | .555                                   | .000           | .000             | .03                                    | .24            | .19              |
| b. leader <sup>l</sup>    | 559          | 26%          | 33%               | 27%            | 30%              | .0185                       | .0129             | .0030          | .0011            | --                              | --                | --             | --               | --                                     | --             | --               | .003                                   | .574           | .018             | -.15                                   | -.02           | -.10             |
| c. learncom <sup>l</sup>  | 557          | 21%          | 24%               | 21%            | 21%              | .0172                       | .0116             | .0027          | .0010            | --                              | --                | --             | --               | --                                     | --             | --               | .197                                   | .866           | .987             | -.07                                   | .01            | .00              |
| d. abroad <sup>l</sup>    | 557          | 4%           | 8%                | 7%             | 8%               | .0084                       | .0073             | .0017          | .0007            | --                              | --                | --             | --               | --                                     | --             | --               | .005                                   | .008           | .001             | -.15                                   | -.13           | -.16             |
| e. research <sup>l</sup>  | 557          | 17%          | 22%               | 17%            | 21%              | .0158                       | .0113             | .0026          | .0010            | --                              | --                | --             | --               | --                                     | --             | --               | .012                                   | .662           | .020             | -.13                                   | -.02           | -.10             |
| f. capstone <sup>l</sup>  | 559          | 47%          | 48%               | 42%            | 43%              | .0211                       | .0137             | .0033          | .0012            | --                              | --                | --             | --               | --                                     | --             | --               | .557                                   | .017           | .114             | -.03                                   | .10            | .07              |
| 12 servcourse             | 557          | 1.76         | 1.77              | 1.84           | 1.74             | .033                        | .020              | .005           | .002             | .78                             | .72               | .77            | .74              | 977                                    | 584            | 559              | .808                                   | .012           | .555             | -.01                                   | -.11           | .03              |
| 13 a. QIstudent           | 541          | 5.61         | 5.55              | 5.66           | 5.55             | .056                        | .037              | .010           | .004             | 1.31                            | 1.35              | 1.40           | 1.40             | 1,840                                  | 21,498         | 544              | .371                                   | .426           | .286             | .05                                    | -.03           | .04              |
| b. QIadvisor              | 548          | 5.39         | 5.37              | 5.49           | 5.32             | .076                        | .047              | .012           | .004             | 1.77                            | 1.70              | 1.70           | 1.75             | 1,851                                  | 21,831         | 162,542          | .786                                   | .184           | .324             | .01                                    | -.06           | .04              |
| c. QIfaculty              | 547          | 5.51         | 5.50              | 5.69           | 5.50             | .061                        | .039              | .010           | .004             | 1.42                            | 1.40              | 1.40           | 1.44             | 1,852                                  | 22,016         | 163,413          | .904                                   | .004           | .854             | .01                                    | -.12           | .01              |
| d. QIstaff                | 417          | 4.94         | 5.06              | 5.24           | 5.04             | .086                        | .050              | .013           | .005             | 1.75                            | 1.64              | 1.73           | 1.76             | 1,473                                  | 17,233         | 130,962          | .186                                   | .001           | .247             | -.08                                   | -.17           | -.06             |
| e. QIadmin                | 503          | 5.12         | 5.07              | 5.30           | 5.05             | .075                        | .047              | .012           | .004             | 1.69                            | 1.65              | 1.71           | 1.74             | 1,720                                  | 20,618         | 151,279          | .590                                   | .021           | .367             | .03                                    | -.10           | .04              |

# NSSE 2022 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup> Ferris State University

### Seniors

| Variable Name   | N            |              |                   |                |                  | Mean         |                   |                |                  | Standard error <sup>h</sup> |                   |                |                  | Standard deviation <sup>i</sup> |                |                  |                   | Degrees of freedom <sup>j</sup> |                  |                   | Significance <sup>k</sup> |                  |      | Effect size <sup>e</sup> |  |  |
|-----------------|--------------|--------------|-------------------|----------------|------------------|--------------|-------------------|----------------|------------------|-----------------------------|-------------------|----------------|------------------|---------------------------------|----------------|------------------|-------------------|---------------------------------|------------------|-------------------|---------------------------|------------------|------|--------------------------|--|--|
|                 | Ferris State | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Ferris State                | Honors Consortium | Carnegie Class | NSSE 2021 & 2022 | Comparisons with:               |                |                  | Comparisons with: |                                 |                  | Comparisons with: |                           |                  |      |                          |  |  |
|                 |              |              |                   |                |                  |              |                   |                |                  |                             |                   |                |                  | Honors Consortium               | Carnegie Class | NSSE 2021 & 2022 | Honors Consortium | Carnegie Class                  | NSSE 2021 & 2022 | Honors Consortium | Carnegie Class            | NSSE 2021 & 2022 |      |                          |  |  |
| 14 a. empstudy  | 555          | 2.98         | 3.05              | 3.10           | 3.12             | .034         | .021              | .005           | .002             | .81                         | .76               | .78            | .77              | 1,872                           | 22,376         | 165,115          | .078              | .000                            | .000             | .000              | -.09                      | -.15             | -.18 |                          |  |  |
| b. SEacademic   | 554          | 2.85         | 2.89              | 2.93           | 2.88             | .036         | .023              | .006           | .002             | .84                         | .84               | .90            | .89              | 1,872                           | 22,341         | 164,869          | .304              | .028                            | .429             | .000              | -.05                      | -.09             | -.03 |                          |  |  |
| c. SElearnsup   | 552          | 2.57         | 2.85              | 2.88           | 2.82             | .041         | .025              | .007           | .002             | .97                         | .90               | .96            | .96              | 967                             | 579            | 555              | .000              | .000                            | .000             | .000              | -.31                      | -.33             | -.26 |                          |  |  |
| d. SEdiverse    | 552          | 2.45         | 2.67              | 2.64           | 2.60             | .042         | .026              | .007           | .002             | .99                         | .93               | 1.01           | 1.00             | 980                             | 22,268         | 164,423          | .000              | .000                            | .000             | .000              | -.23                      | -.18             | -.15 |                          |  |  |
| e. SEsocial     | 551          | 2.67         | 2.82              | 2.74           | 2.74             | .039         | .024              | .007           | .002             | .90                         | .88               | .98            | .95              | 1,002                           | 583            | 164,260          | .001              | .083                            | .096             | .000              | -.17                      | -.07             | -.07 |                          |  |  |
| f. SEwellness   | 551          | 2.53         | 2.79              | 2.67           | 2.68             | .040         | .025              | .007           | .002             | .93                         | .91               | 1.00           | .97              | 1,864                           | 583            | 164,055          | .000              | .000                            | .000             | .000              | -.28                      | -.14             | -.16 |                          |  |  |
| g. SEnonacad    | 551          | 2.09         | 2.15              | 2.19           | 2.11             | .041         | .027              | .007           | .002             | .96                         | .97               | 1.04           | 1.00             | 1,862                           | 583            | 554              | .197              | .012                            | .621             | .000              | -.07                      | -.10             | -.02 |                          |  |  |
| h. SEactivities | 552          | 2.40         | 2.62              | 2.42           | 2.50             | .041         | .026              | .007           | .003             | .97                         | .95               | 1.08           | 1.02             | 1,863                           | 586            | 555              | .000              | .594                            | .016             | .000              | -.23                      | -.02             | -.10 |                          |  |  |
| i. SEevents     | 551          | 2.18         | 2.37              | 2.27           | 2.30             | .041         | .026              | .007           | .002             | .97                         | .94               | 1.03           | .99              | 1,861                           | 581            | 163,644          | .000              | .033                            | .008             | .000              | -.19                      | -.09             | -.11 |                          |  |  |
| 15 a. sbmyself  | 551          | 3.25         | 3.28              | 3.32           | 3.28             | .030         | .019              | .005           | .002             | .71                         | .69               | .73            | .73              | 1,860                           | 579            | 163,789          | .447              | .016                            | .360             | .000              | -.04                      | -.10             | -.04 |                          |  |  |
| b. sbvalued     | 547          | 2.89         | 2.89              | 3.05           | 2.92             | .036         | .022              | .006           | .002             | .85                         | .81               | .84            | .86              | 1,853                           | 22,159         | 163,649          | .886              | .000                            | .330             | .000              | -.01                      | -.20             | -.04 |                          |  |  |
| c. sbcommunity  | 551          | 2.88         | 2.90              | 3.02           | 2.93             | .035         | .022              | .006           | .002             | .82                         | .80               | .84            | .85              | 1,859                           | 22,182         | 163,757          | .686              | .000                            | .149             | .000              | -.02                      | -.16             | -.06 |                          |  |  |
| 16 a. tmprephrs | 551          | 15.52        | 14.13             | 15.83          | 15.92            | .361         | .233              | .060           | .022             | 8.48                        | 8.42              | 8.83           | 8.93             | 1,861                           | 22,107         | 555              | .001              | .426                            | .277             | .000              | .16                       | -.03             | -.04 |                          |  |  |
| b. tmcocurrhrs  | 550          | 3.88         | 4.59              | 4.25           | 4.48             | .284         | .196              | .049           | .017             | 6.65                        | 7.08              | 7.14           | 7.00             | 1,858                           | 22,067         | 162,986          | .045              | .230                            | .044             | .000              | -.10                      | -.05             | -.09 |                          |  |  |
| c. tmworkonhrs  | 551          | 3.66         | 2.72              | 2.48           | 2.99             | .324         | .173              | .042           | .016             | 7.62                        | 6.25              | 6.18           | 6.63             | 876                             | 569            | 553              | .010              | .000                            | .040             | .000              | .14                       | .19              | .10  |                          |  |  |
| d. tmworkoffhrs | 552          | 15.43        | 16.25             | 15.16          | 13.51            | .583         | .353              | .096           | .033             | 13.70                       | 12.77             | 14.09          | 13.49            | 974                             | 581            | 163,157          | .229              | .654                            | .001             | .000              | -.06                      | .02              | .14  |                          |  |  |
| — tmworkhrs     | 551          | 19.07        | 18.96             | 17.61          | 16.48            | .588         | .355              | .098           | .034             | 13.80                       | 12.85             | 14.29          | 13.73            | 972                             | 581            | 162,565          | .874              | .015                            | .000             | .000              | .01                       | .10              | .19  |                          |  |  |
| e. tmsevicehrs  | 551          | 2.38         | 3.05              | 3.50           | 2.91             | .198         | .154              | .042           | .014             | 4.65                        | 5.56              | 6.10           | 5.52             | 1,226                           | 600            | 162,939          | .008              | .000                            | .026             | .000              | -.13                      | -.18             | -.10 |                          |  |  |
| f. tmrelaxhrs   | 551          | 11.45        | 11.26             | 10.03          | 10.98            | .372         | .225              | .055           | .021             | 8.73                        | 8.15              | 8.05           | 8.29             | 1,858                           | 574            | 162,947          | .642              | .000                            | .181             | .000              | .02                       | .18              | .06  |                          |  |  |
| g. tmcarehrs    | 552          | 7.65         | 5.18              | 9.35           | 6.72             | .539         | .275              | .090           | .028             | 12.66                       | 9.97              | 13.13          | 11.46            | 853                             | 582            | 554              | .000              | .002                            | .085             | .000              | .23                       | -.13             | .08  |                          |  |  |
| h. tmcommutehrs | 552          | 3.74         | 4.67              | 3.32           | 3.98             | .234         | .151              | .039           | .014             | 5.50                        | 5.46              | 5.73           | 5.80             | 1,860                           | 22,054         | 163,092          | .001              | .086                            | .332             | .000              | -.17                      | .07              | -.04 |                          |  |  |
| 17 reading      | 551          | 2.52         | 2.58              | 2.93           | 2.82             | .046         | .032              | .008           | .003             | 1.08                        | 1.15              | 1.15           | 1.17             | 1,093                           | 21,992         | 554              | .252              | .000                            | .000             | .000              | -.06                      | -.35             | -.25 |                          |  |  |
| — tmreadinghrs  | 549          | 6.33         | 6.00              | 8.02           | 7.55             | .245         | .157              | .047           | .016             | 5.74                        | 5.66              | 6.84           | 6.58             | 1,851                           | 589            | 553              | .256              | .000                            | .000             | .000              | .06                       | -.25             | -.19 |                          |  |  |

# NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics<sup>g</sup>

Ferris State University

## Seniors

| Variable Name  | N            |              |                   |      |                  | Mean         |                   |      |                  | Standard error <sup>h</sup> |                   |     |                  | Standard deviation <sup>i</sup> |                   |                |                   | Degrees of freedom <sup>j</sup> |                |                   | Significance <sup>k</sup> |                |                  | Effect size <sup>e</sup> |  |  |
|----------------|--------------|--------------|-------------------|------|------------------|--------------|-------------------|------|------------------|-----------------------------|-------------------|-----|------------------|---------------------------------|-------------------|----------------|-------------------|---------------------------------|----------------|-------------------|---------------------------|----------------|------------------|--------------------------|--|--|
|                | Ferris State | Ferris State | Honors Consortium |      | NSSE 2021 & 2022 | Ferris State | Honors Consortium |      | NSSE 2021 & 2022 | Ferris State                | Honors Consortium |     | NSSE 2021 & 2022 | Comparisons with:               |                   |                | Comparisons with: |                                 |                | Comparisons with: |                           |                |                  |                          |  |  |
|                |              |              |                   |      |                  |              |                   |      |                  |                             |                   |     |                  |                                 | Honors Consortium | Carnegie Class | NSSE 2021 & 2022  | Honors Consortium               | Carnegie Class | NSSE 2021 & 2022  | Honors Consortium         | Carnegie Class | NSSE 2021 & 2022 |                          |  |  |
| 18 a. pgwrite  | 551          | 2.97         | 3.03              | 3.15 | 3.03             | .036         | .024              | .006 | .002             | .86                         | .85               | .86 | .88              | 1,860                           | 579               | 162,790        | .162              | .000                            | .104           | -.07              | -.21                      | -.07           |                  |                          |  |  |
| b. pgspeak     | 552          | 2.93         | 2.95              | 2.98 | 2.91             | .037         | .025              | .006 | .002             | .86                         | .90               | .93 | .93              | 1,858                           | 585               | 556            | .570              | .110                            | .735           | -.03              | -.06                      | .01            |                  |                          |  |  |
| c. pgthink     | 550          | 3.20         | 3.27              | 3.33 | 3.29             | .034         | .021              | .005 | .002             | .81                         | .76               | .77 | .79              | 1,855                           | 22,025            | 162,673        | .059              | .000                            | .009           | -.10              | -.18                      | -.11           |                  |                          |  |  |
| d. pganalyze   | 551          | 2.87         | 2.88              | 2.89 | 2.92             | .041         | .026              | .007 | .002             | .96                         | .95               | .98 | .96              | 1,857                           | 22,001            | 162,588        | .864              | .751                            | .248           | -.01              | -.01                      | -.05           |                  |                          |  |  |
| e. pgwork      | 551          | 3.08         | 2.91              | 3.04 | 2.94             | .039         | .026              | .006 | .002             | .92                         | .94               | .94 | .96              | 1,857                           | 22,002            | 554            | .000              | .342                            | .000           | .18               | .04                       | .15            |                  |                          |  |  |
| f. pgothers    | 551          | 3.10         | 3.05              | 3.07 | 3.02             | .036         | .024              | .006 | .002             | .85                         | .86               | .91 | .90              | 1,854                           | 582               | 162,607        | .259              | .382                            | .039           | .06               | .04                       | .09            |                  |                          |  |  |
| g. pgvalues    | 550          | 2.90         | 2.86              | 3.03 | 2.86             | .039         | .027              | .006 | .002             | .92                         | .97               | .94 | .98              | 1,081                           | 21,992            | 553            | .428              | .002                            | .280           | .04               | -.13                      | .04            |                  |                          |  |  |
| h. pgdiverse   | 550          | 2.76         | 2.89              | 2.97 | 2.88             | .041         | .026              | .007 | .002             | .95                         | .94               | .95 | .97              | 1,855                           | 21,984            | 162,480        | .012              | .000                            | .004           | -.13              | -.21                      | -.12           |                  |                          |  |  |
| i. pgprobsolve | 551          | 2.88         | 2.86              | 2.93 | 2.86             | .040         | .026              | .006 | .002             | .94                         | .94               | .95 | .95              | 1,861                           | 22,007            | 162,561        | .652              | .191                            | .677           | .02               | -.06                      | .02            |                  |                          |  |  |
| j. pgcitizen   | 552          | 2.67         | 2.75              | 2.87 | 2.75             | .042         | .027              | .007 | .002             | .98                         | .98               | .98 | .99              | 1,861                           | 22,013            | 162,680        | .104              | .000                            | .061           | -.08              | -.20                      | -.08           |                  |                          |  |  |
| 19 evalexp     | 550          | 3.08         | 3.16              | 3.28 | 3.19             | .035         | .021              | .005 | .002             | .81                         | .75               | .79 | .80              | 1,856                           | 576               | 162,948        | .038              | .000                            | .001           | -.11              | -.26                      | -.14           |                  |                          |  |  |
| 20 sameinst    | 550          | 3.11         | 3.13              | 3.24 | 3.18             | .037         | .023              | .006 | .002             | .86                         | .82               | .86 | .85              | 1,863                           | 22,114            | 163,433        | .598              | .000                            | .051           | -.03              | -.15                      | -.08           |                  |                          |  |  |
| 21 covidexp    | 551          | 2.94         | 2.97              | 3.06 | 3.01             | .039         | .025              | .006 | .002             | .91                         | .90               | .95 | .93              | 1,861                           | 581               | 163,234        | .608              | .004                            | .092           | -.03              | -.12                      | -.07           |                  |                          |  |  |

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### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent *t*-tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a *z*-test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent *t*-tests uses Cohen's *d*; *z*-tests use Cohen's *h*. See page 2 for more details.
- f. Statistical comparison uses *z*-test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the *t*-tests. Values differ from *Ns* due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent *t*-tests or *z*-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."