## College of Charleston

## NSSE 2010 Major Field Report <br> Part II. Comparisons to Other Institutions BIOLOGICAL SCIENCES

Comparing your students majoring in BIOLOGICAL SCIENCES fields to those in BIOLOGICAL SCIENCES fields at your comparison groups

Biological Sciences includes the following major codes: $12=$ Biology (general), $13=$ Biochemistry or biophysics, $14=$ Botany, $15=$ Environmental science, 16 = Marine (life) science, $17=$ Microbiology or bacteriology, $18=$ Zoology, and $19=$ Other biological science.

## NSSE

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# Frequency Distributions 

## College of Charleston

NSSE 2010 Major Field Report
Part II. Comparisons to Other Institutions
BIOLOGICAL SCIENCES

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## Sample

This report is based on information from all randomly selected BIOLOGICAL SCIENCES students (inlcuding those from census administrations) for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included.

## Variable Names

The name of each variable appears in the first column for easy reference to your raw data file.

## Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument.

## Benchmark

Items that comprise the five
"Benchmarks of Effective Educational
Practice" are indicated by the following:

## Class

Frequency distributions are reported separately for first-year students and seniors. Insitution-reported class levels are used. Of course, first-year student reports of major are likely to be unstable, and interpretations of first-year results should be made with caution.

LAC: Level of Academic Challenge
ACL: Active and
Collaborative Learning
SFI: Student-Faculty
Interaction
EEE: Enriching
Educational Experiences
SCE: Supportive
Campus Environment

Response Options
Response options listed just as they appear on the instrument.

## BETWEEN Institution Comparisons on Major Group

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key sub-populations such as major. This report displays the frequency distributions for the BIOLOGICAL SCIENCES group at your institution and at your selected comparison institutions.

## NSSE 2010 Major Field Report: Part II. Comparisons to Other Institutions Interpreting the Frequency Distributions

## Major

Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod). Major groups with fewer than five respondents in a given class are not reported. Comparison groups must contain at least three institutions with five or more respondents in the major group, or they are left blank.

Column Percentage (\%)
The '\%' column represents the percentage of students responding to the particular option in each question.

## Weighting

All results displayed in this report are unweighted.

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|  |  |  |  |  | CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Variable | Response Options |  | Count | \% | Count | \% | Count | \% | Count | \% |
| 1 a. | Asked questions in class or contributed to class discussions | $\begin{aligned} & \text { CLQUEST } \\ & \text { (ACL) } \end{aligned}$ | Never |  | 5 | 5\% | 80 | 3\% | 31 | 3\% | 393 | 3\% |
|  |  |  | Sometimes |  | 31 | 30\% | 931 | 39\% | 386 | 37\% | 4,754 | 36\% |
|  |  |  | Often |  | 38 | 37\% | 820 | 34\% | 354 | 34\% | 4,587 | 35\% |
|  |  |  | Very often |  | 28 | 27\% | 549 | 23\% | 285 | 27\% | 3,467 | 26\% |
|  |  |  |  | Total | 102 | 100\% | 2,380 | 100\% | 1,056 | 100\% | 13,201 | 100\% |
| 1b. | Made a class presentation | $\begin{aligned} & \text { CLPRESEN } \\ & \text { (ACL) } \end{aligned}$ | Never <br> Sometimes <br> Often <br> Very often |  | 18 | 18\% | 436 | 18\% | 183 | 17\% | 2,064 | 16\% |
|  |  |  |  |  | 66 | 65\% | 1,318 | 55\% | 582 | 55\% | 7,420 | 56\% |
|  |  |  |  |  | 14 | 14\% | 505 | 21\% | 222 | 21\% | 2,899 | 22\% |
|  |  |  |  |  | 3 | 3\% | 127 | 5\% | 67 | 6\% | 818 | 6\% |
|  |  |  |  | Total | 101 | 100\% | 2,386 | 100\% | 1,054 | 100\% | 13,201 | 100\% |
| 1 c . | Prepared two or more drafts of a paper or assignment before turning it in | REWROPAP | Never <br> Sometimes <br> Often <br> Very often |  | 24 | 24\% | 290 | 12\% | 141 | 13\% | 1,741 | 13\% |
|  |  |  |  |  | 34 | 34\% | 677 | 29\% | 305 | 29\% | 3,989 | 30\% |
|  |  |  |  |  | 26 | 26\% | 735 | 31\% | 346 | 33\% | 4,238 | 32\% |
|  |  |  |  |  | 17 | 17\% | 671 | 28\% | 257 | 24\% | 3,192 | 24\% |
|  |  |  |  | Total | 101 | 100\% | 2,373 | 100\% | 1,049 | 100\% | 13,160 | 100\% |
| 1d. | Worked on a paper or project that required integrating ideas or information from various sources | INTEGRAT | Never <br> Sometimes <br> Often <br> Very often |  | 2 | 2\% | 59 | 2\% | 23 | 2\% | 303 | 2\% |
|  |  |  |  |  | 33 | 32\% | 436 | 18\% | 206 | 19\% | 2,509 | 19\% |
|  |  |  |  |  | 52 | 51\% | 986 | 41\% | 471 | 44\% | 5,604 | 42\% |
|  |  |  |  |  | 15 | 15\% | 909 | 38\% | 359 | 34\% | 4,800 | 36\% |
|  |  |  |  | Total | 102 | 100\% | 2,390 | 100\% | 1,059 | 100\% | 13,216 | 100\% |
| 1 e. | Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments | DIVCLASS | Never <br> Sometimes <br> Often <br> Very often |  | 14 | 14\% | 161 | 7\% | 85 | 8\% | 946 | 7\% |
|  |  |  |  |  | 43 | 43\% | 726 | 30\% | 353 | 33\% | 4,167 | 32\% |
|  |  |  |  |  | 29 | 29\% | 897 | 38\% | 393 | 37\% | 5,021 | 38\% |
|  |  |  |  |  | 14 | 14\% | 600 | 25\% | 225 | 21\% | 3,074 | 23\% |
|  |  |  |  | Total | 100 | 100\% | 2,384 | 100\% | 1,056 | 100\% | 13,208 | 100\% |
| 1f. | Come to class without completing readings or assignments | CLUNPREP | Never <br> Sometimes <br> Often <br> Very often |  | 29 | 28\% | 679 | 28\% | 327 | 31\% | 3,732 | 28\% |
|  |  |  |  |  | 63 | 62\% | 1,332 | 56\% | 571 | 54\% | 7,423 | 56\% |
|  |  |  |  |  | 10 | 10\% | 259 | 11\% | 111 | 11\% | 1,434 | 11\% |
|  |  |  |  |  | 0 | 0\% | 114 | 5\% | 45 | 4\% | 619 | 5\% |
|  |  |  |  | Total | 102 | 100\% | 2,384 | 100\% | 1,054 | 100\% | 13,208 | 100\% |
| $1 \mathrm{~g} .$ | Worked with other students | $\begin{aligned} & \text { CLASSGRP } \\ & \text { (ACL) } \end{aligned}$ | Never <br> Sometimes <br> Often <br> Very often |  | 10 | 10\% | 303 | 13\% | 142 | 13\% | 1,812 | 14\% |
|  | on projects during class |  |  |  | 45 | 45\% | 969 | 41\% | 458 | 43\% | 5,672 | 43\% |
|  |  |  |  |  | 38 | 38\% | 794 | 33\% | 334 | 32\% | 4,170 | 32\% |
|  |  |  |  |  | 8 | 8\% | 326 | 14\% | 126 | 12\% | 1,577 | 12\% |
|  |  |  |  | Total | 101 | 100\% | 2,392 | 100\% | 1,060 | 100\% | 13,231 | 100\% |


| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 1 | 1\% | 99 | 4\% | 18 | 2\% | 334 | 3\% |
| 19 | 22\% | 930 | 34\% | 308 | 28\% | 3,874 | 30\% |
| 26 | 30\% | 846 | 31\% | 386 | 36\% | 4,245 | 33\% |
| 40 | 47\% | 832 | 31\% | 375 | 34\% | 4,420 | 34\% |
| 86 | 100\% | 2,707 | 100\% | 1,087 | 100\% | 12,873 | 100\% |
| 1 | 1\% | 300 | 11\% | 50 | 5\% | 878 | 7\% |
| 33 | 38\% | 1,312 | 48\% | 467 | 43\% | 5,609 | 43\% |
| 36 | 42\% | 776 | 28\% | 407 | 37\% | 4,465 | 35\% |
| 16 | 19\% | 337 | 12\% | 167 | 15\% | 1,965 | 15\% |
| 86 | 100\% | 2,725 | 100\% | 1,091 | 100\% | 12,917 | 100\% |
| 16 | 19\% | 517 | 19\% | 189 | 17\% | 2,244 | 17\% |
| 35 | 41\% | 1,014 | 37\% | 427 | 39\% | 5,040 | 39\% |
| 24 | 28\% | 719 | 27\% | 303 | 28\% | 3,458 | 27\% |
| 11 | 13\% | 462 | 17\% | 175 | 16\% | 2,134 | 17\% |
| 86 | 100\% | 2,712 | 100\% | 1,094 | 100\% | 12,876 | 100\% |
| 0 | 0\% | 58 | 2\% | 8 | 1\% | 189 | 1\% |
| 10 | 12\% | 388 | 14\% | 120 | 11\% | 1,755 | 14\% |
| 28 | 33\% | 1,067 | 39\% | 456 | 42\% | 4,919 | 38\% |
| 47 | 55\% | 1,207 | 44\% | 512 | 47\% | 6,056 | 47\% |
| 85 | 100\% | 2,720 | 100\% | 1,096 | 100\% | 12,919 | 100\% |
| 9 | 10\% | 335 | 12\% | 118 | 11\% | 1,361 | 11\% |
| 37 | 43\% | 1,016 | 37\% | 465 | 42\% | 4,917 | 38\% |
| 24 | 28\% | 834 | 31\% | 332 | 30\% | 4,151 | 32\% |
| 16 | 19\% | 533 | 20\% | 180 | 16\% | 2,483 | 19\% |
| 86 | 100\% | 2,718 | 100\% | 1,095 | 100\% | 12,912 | 100\% |
| 17 | 20\% | 601 | 22\% | 268 | 25\% | 2,681 | 21\% |
| 49 | 57\% | 1,526 | 56\% | 637 | 58\% | 7,495 | 58\% |
| 13 | 15\% | 391 | 14\% | 134 | 12\% | 1,892 | 15\% |
| 7 | 8\% | 198 | 7\% | 54 | 5\% | 850 | 7\% |
| 86 | 100\% | 2,716 | 100\% | 1,093 | 100\% | 12,918 | 100\% |
| 11 | 13\% | 388 | 14\% | 132 | 12\% | 1,706 | 13\% |
| 44 | 51\% | 1,238 | 46\% | 527 | 48\% | 6,018 | 47\% |
| 25 | 29\% | 775 | 29\% | 327 | 30\% | 3,722 | 29\% |
| 6 | 7\% | 313 | 12\% | 110 | 10\% | 1,471 | 11\% |
| 86 | 100\% | 2,714 | 100\% | 1,096 | 100\% | 12,917 | 100\% |

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| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 0 | 0\% | 192 | 7\% | 61 | 6\% | 738 | 6\% |
| 30 | 35\% | 1,047 | 38\% | 366 | 33\% | 4,654 | 36\% |
| 33 | 38\% | 965 | 35\% | 421 | 38\% | 4,867 | 38\% |
| 23 | 27\% | 521 | 19\% | 248 | 23\% | 2,700 | 21\% |
| 86 | 100\% | 2,725 | 100\% | 1,096 | 100\% | 12,959 | 100\% |
| 4 | 5\% | 116 | 4\% | 30 | 3\% | 388 | 3\% |
| 24 | 28\% | 774 | 29\% | 322 | 29\% | 3,630 | 28\% |
| 38 | 44\% | 1,116 | 41\% | 492 | 45\% | 5,597 | 43\% |
| 21 | 24\% | 705 | 26\% | 249 | 23\% | 3,282 | 25\% |
| 87 | 100\% | 2,711 | 100\% | 1,093 | 100\% | 12,897 | 100\% |
| 20 | 23\% | 933 | 34\% | 362 | 33\% | 4,065 | 31\% |
| 38 | 44\% | 1,061 | 39\% | 408 | 37\% | 4,865 | 38\% |
| 13 | 15\% | 396 | 15\% | 172 | 16\% | 2,097 | 16\% |
| 15 | 17\% | 324 | 12\% | 151 | 14\% | 1,887 | 15\% |
| 86 | 100\% | 2,714 | 100\% | 1,093 | 100\% | 12,914 | 100\% |
| 44 | 51\% | 1,504 | 56\% | 564 | 52\% | 6,913 | 54\% |
| 32 | 37\% | 768 | 28\% | 332 | 31\% | 3,891 | 30\% |
| 5 | 6\% | 260 | 10\% | 133 | 12\% | 1,316 | 10\% |
| 6 | 7\% | 176 | 6\% | 57 | 5\% | 741 | 6\% |
| 87 | 100\% | 2,708 | 100\% | 1,086 | 100\% | 12,861 | 100\% |
| 9 | 10\% | 321 | 12\% | 158 | 14\% | 1,585 | 12\% |
| 21 | 24\% | 737 | 27\% | 309 | 28\% | 3,781 | 29\% |
| 23 | 26\% | 754 | 28\% | 292 | 27\% | 3,525 | 27\% |
| 34 | 39\% | 909 | 33\% | 333 | 30\% | 4,036 | 31\% |
| 87 | 100\% | 2,721 | 100\% | 1,092 | 100\% | 12,927 | 100\% |
| 0 | 0\% | 17 | 1\% | 6 | 1\% | 52 | 0\% |
| 4 | 5\% | 341 | 13\% | 125 | 11\% | 1,492 | 12\% |
| 22 | 26\% | 825 | 30\% | 354 | 32\% | 3,939 | 31\% |
| 60 | 70\% | 1,532 | 56\% | 607 | 56\% | 7,425 | 58\% |
| 86 | 100\% | 2,715 | 100\% | 1,092 | 100\% | 12,908 | 100\% |
| 1 | 1\% | 126 | 5\% | 37 | 3\% | 557 | 4\% |
| 29 | 34\% | 951 | 35\% | 351 | 32\% | 4,475 | 35\% |
| 20 | 23\% | 901 | 33\% | 412 | 38\% | 4,381 | 34\% |
| 36 | 42\% | 738 | 27\% | 294 | 27\% | 3,506 | 27\% |
| 86 | 100\% | 2,716 | 100\% | 1,094 | 100\% | 12,919 | 100\% |

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| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 13 | 15\% | 390 | 14\% | 93 | 9\% | 1,407 | 11\% |
| 32 | 37\% | 1,111 | 41\% | 398 | 37\% | 5,128 | 40\% |
| 21 | 24\% | 704 | 26\% | 334 | 31\% | 3,638 | 28\% |
| 21 | 24\% | 513 | 19\% | 263 | 24\% | 2,739 | 21\% |
| 87 | 100\% | 2,718 | 100\% | 1,088 | 100\% | 12,912 | 100\% |
| 26 | 30\% | 827 | 30\% | 238 | 22\% | 3,241 | 25\% |
| 37 | 43\% | 1,172 | 43\% | 501 | 46\% | 5,877 | 45\% |
| 11 | 13\% | 452 | 17\% | 238 | 22\% | 2,458 | 19\% |
| 13 | 15\% | 267 | 10\% | 116 | 11\% | 1,353 | 10\% |
| 87 | 100\% | 2,718 | 100\% | 1,093 | 100\% | 12,929 | 100\% |
| 1 | 1\% | 222 | 8\% | 36 | 3\% | 699 | 5\% |
| 27 | 31\% | 883 | 32\% | 301 | 28\% | 4,004 | 31\% |
| 38 | 44\% | 1,115 | 41\% | 546 | 50\% | 5,789 | 45\% |
| 21 | 24\% | 500 | 18\% | 210 | 19\% | 2,439 | 19\% |
| 87 | 100\% | 2,720 | 100\% | 1,093 | 100\% | 12,931 | 100\% |
| 5 | 6\% | 162 | 6\% | 53 | 5\% | 809 | 6\% |
| 30 | 34\% | 875 | 32\% | 338 | 31\% | 4,247 | 33\% |
| 28 | 32\% | 1,067 | 39\% | 461 | 42\% | 5,060 | 39\% |
| 24 | 28\% | 619 | 23\% | 236 | 22\% | 2,798 | 22\% |
| 87 | 100\% | 2,723 | 100\% | 1,088 | 100\% | 12,914 | 100\% |
| 36 | 42\% | 1,173 | 43\% | 373 | 34\% | 4,896 | 38\% |
| 29 | 34\% | 852 | 31\% | 371 | 34\% | 4,416 | 34\% |
| 15 | 17\% | 399 | 15\% | 208 | 19\% | 2,164 | 17\% |
| 6 | 7\% | 289 | 11\% | 134 | 12\% | 1,418 | 11\% |
| 86 | 100\% | 2,713 | 100\% | 1,086 | 100\% | 12,894 | 100\% |
| 2 | 2\% | 108 | 4\% | 42 | 4\% | 400 | 3\% |
| 30 | 35\% | 762 | 28\% | 315 | 29\% | 3,644 | 28\% |
| 28 | 33\% | 1,005 | 37\% | 413 | 38\% | 4,962 | 38\% |
| 26 | 30\% | 842 | 31\% | 317 | 29\% | 3,904 | 30\% |
| 86 | 100\% | 2,717 | 100\% | 1,087 | 100\% | 12,910 | 100\% |
| 7 | 8\% | 271 | 10\% | 154 | 14\% | 1,470 | 11\% |
| 20 | 23\% | 824 | 30\% | 398 | 36\% | 4,159 | 32\% |
| 28 | 32\% | 766 | 28\% | 289 | 26\% | 3,607 | 28\% |
| 32 | 37\% | 865 | 32\% | 252 | 23\% | 3,697 | 29\% |
| 87 | 100\% | 2,726 | 100\% | 1,093 | 100\% | 12,933 | 100\% |



| NSSE <br> national survey of student engagement |  |  |  |  | NSSE 2010 Major Field Report: Part II. Comparisons to Other Institutions Frequency Distributions-BIOLOGICAL SCIENCES <br> College of Charleston <br> First-Year Students <br> Seniors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  | CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
|  |  | Variable | Response |  | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% |
| 3b | Number of books read on your own (not assigned) for personal enjoyment or academic enrichment | READOWN | None |  | 22 | 22\% | 582 | 24\% | 253 | 24\% | 3,253 | 25\% | 16 | 19\% | 584 | 21\% | 242 | 22\% | 2,687 | 21\% |
|  |  |  | 1-4 |  | 52 | 51\% | 1,237 | 52\% | 586 | 55\% | 7,231 | 55\% | 44 | 51\% | 1,395 | 51\% | 569 | 52\% | 6,989 | 54\% |
|  |  |  | 5-10 |  | 24 | 24\% | 359 | 15\% | 132 | 12\% | 1,786 | 13\% | 14 | 16\% | 462 | 17\% | 164 | 15\% | 2,057 | 16\% |
|  |  |  | 11-20 |  | 3 | 3\% | 114 | 5\% | 44 | 4\% | 531 | 4\% | 6 | 7\% | 148 | 5\% | 56 | 5\% | 620 | 5\% |
|  |  |  | More than 20 |  | 0 | 0\% | 101 | 4\% | 44 | 4\% | 450 | 3\% | 6 | 7\% | 139 | 5\% | 63 | 6\% | 594 | 5\% |
|  |  |  |  | Total | 101 | 100\% | 2,393 | 100\% | 1,059 | 100\% | 13,251 | 100\% | 86 | 100\% | 2,728 | 100\% | 1,094 | 100\% | 12,947 | 100\% |
|  | Number of written papers or reports of $\mathbf{2 0}$ pages or more | WRITEMOR | None |  | 85 | 83\% | 1,966 | 82\% | 881 | 83\% | 10,897 | 82\% | 47 | 54\% | 1,673 | 61\% | 617 | 56\% | 7,307 | 57\% |
|  |  | (LAC) | 1-4 |  | 15 | 15\% | 297 | 12\% | 126 | 12\% | 1,689 | 13\% | 34 | 39\% | 829 | 30\% | 392 | 36\% | 4,638 | 36\% |
|  |  |  | 5-10 |  | 2 | 2\% | 80 | 3\% | 32 | 3\% | 379 | 3\% | 5 | 6\% | 135 | 5\% | 68 | 6\% | 628 | 5\% |
|  |  |  | 11-20 |  | 0 | 0\% | 31 | 1\% | 9 | 1\% | 159 | 1\% | 1 | 1\% | 48 | 2\% | 11 | 1\% | 192 | 1\% |
|  |  |  | More than 20 |  | 0 | 0\% | 17 | 1\% | 9 | 1\% | 110 | 1\% | 0 | 0\% | 37 | 1\% | 7 | 1\% | 164 | 1\% |
|  |  |  |  | Total | 102 | 100\% | 2,391 | 100\% | 1,057 | 100\% | 13,234 | 100\% | 87 | 100\% | 2,722 | 100\% | 1,095 | 100\% | 12,929 | 100\% |
|  | Number of written papers or reports between 5 and 19 pages | WRITEMID | None |  | 24 | 24\% | 396 | 17\% | 163 | 15\% | 1,741 | 13\% | 8 | 9\% | 370 | 14\% | 104 | 9\% | 1,273 | 10\% |
|  |  | (LAC) | 1-4 |  | 66 | 65\% | 1,271 | 53\% | 580 | 55\% | 6,999 | 53\% | 47 | 54\% | 1,333 | 49\% | 534 | 49\% | 6,223 | 48\% |
|  |  |  | 5-10 |  | 9 | 9\% | 568 | 24\% | 243 | 23\% | 3,419 | 26\% | 20 | 23\% | 710 | 26\% | 312 | 28\% | 3,754 | 29\% |
|  |  |  | 11-20 |  | 3 | 3\% | 127 | 5\% | 61 | 6\% | 894 | 7\% | 8 | 9\% | 220 | 8\% | 107 | 10\% | 1,166 | 9\% |
|  |  |  | More than 20 |  | 0 | 0\% | 29 | 1\% | 11 | 1\% | 182 | 1\% | 4 | 5\% | 85 | 3\% | 39 | 4\% | 511 | 4\% |
|  |  |  |  | Total | 102 | 100\% | 2,391 | 100\% | 1,058 | 100\% | 13,235 | 100\% | 87 | 100\% | 2,718 | 100\% | 1,096 | 100\% | 12,927 | 100\% |
|  | Number of written papers or reports of fewer than 5 pages | WRITESML | None |  | 1 | 1\% | 100 | 4\% | 28 | 3\% | 356 | 3\% | 3 | 3\% | 209 | 8\% | 65 | 6\% | 779 | 6\% |
|  |  | (LAC) | 1-4 |  | 44 | 43\% | 853 | 36\% | 362 | 34\% | 4,136 | 31\% | 32 | 37\% | 1,042 | 38\% | 388 | 35\% | 4,431 | 34\% |
|  |  |  | 5-10 |  | 39 | 38\% | 828 | 35\% | 336 | 32\% | 4,640 | 35\% | 35 | 40\% | 750 | 28\% | 337 | 31\% | 3,810 | 29\% |
|  |  |  | 11-20 |  | 16 | 16\% | 428 | 18\% | 216 | 20\% | 2,679 | 20\% | 10 | 11\% | 404 | 15\% | 172 | 16\% | 2,211 | 17\% |
|  |  |  | More than 20 |  | 2 | 2\% | 190 | 8\% | 114 | 11\% | 1,449 | 11\% | 7 | 8\% | 314 | 12\% | 132 | 12\% | 1,695 | 13\% |
|  |  |  |  | Total | 102 | 100\% | 2,399 | 100\% | 1,056 | 100\% | 13,260 | 100\% | 87 | 100\% | 2,719 | 100\% | 1,094 | 100\% | 12,926 | 100\% |
|  | Number of problem sets that take you more than an hour to complete | PROBSETA | None |  | 2 | 2\% | 160 | 7\% | 69 | 7\% | 981 | 7\% | 14 | 16\% | 452 | 17\% | 167 | 15\% | 2,047 | 16\% |
|  |  |  | 1-2 |  | 46 | 46\% | 824 | 34\% | 330 | 31\% | 4,389 | 33\% | 38 | 44\% | 960 | 35\% | 413 | 38\% | 4,771 | 37\% |
|  |  |  | 3-4 |  | 30 | 30\% | 796 | 33\% | 356 | 34\% | 4,439 | 33\% | 18 | 21\% | 687 | 25\% | 277 | 25\% | 3,337 | 26\% |
|  |  |  | 5-6 |  | 13 | 13\% | 277 | 12\% | 137 | 13\% | 1,595 | 12\% | 6 | 7\% | 254 | 9\% | 90 | 8\% | 1,125 | 9\% |
|  |  |  | More than 6 |  | 10 | 10\% | 337 | 14\% | 166 | 16\% | 1,850 | 14\% | 11 | 13\% | 366 | 13\% | 142 | 13\% | 1,633 | 13\% |
|  |  |  |  | Total | 101 | 100\% | 2,394 | 100\% | 1,058 | 100\% | 13,254 | 100\% | 87 | 100\% | 2,719 | 100\% | 1,089 | 100\% | 12,913 | 100\% |
| 4b. | Number of problem sets that take you less than an hour to complete | PROBSETB | None |  | 8 | 8\% | 244 | 10\% | 106 | 10\% | 1,587 | 12\% | 15 | 17\% | 649 | 24\% | 298 | 27\% | 3,349 | 26\% |
|  |  |  | 1-2 |  | 29 | 28\% | 871 | 36\% | 398 | 38\% | 4,876 | 37\% | 42 | 48\% | 1,028 | 38\% | 422 | 39\% | 4,968 | 38\% |
|  |  |  | 3-4 |  | 28 | 27\% | 617 | 26\% | 267 | 25\% | 3,294 | 25\% | 21 | 24\% | 539 | 20\% | 200 | 18\% | 2,476 | 19\% |
|  |  |  | 5-6 |  | 16 | 16\% | 264 | 11\% | 127 | 12\% | 1,495 | 11\% | 5 | 6\% | 190 | 7\% | 78 | 7\% | 834 | 6\% |
|  |  |  | More than 6 |  | 21 | 21\% | 392 | 16\% | 160 | 15\% | 1,984 | 15\% | 4 | 5\% | 320 | 12\% | 96 | 9\% | 1,290 | 10\% |
|  |  |  |  | Total | 102 | 100\% | 2,388 | 100\% | 1,058 | 100\% | 13,236 | 100\% | 87 | 100\% | 2,726 | 100\% | 1,094 | 100\% | 12,917 | 100\% |



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| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 7 | 8\% | 232 | 9\% | 85 | 8\% | 938 | 7\% |
| 10 | 11\% | 338 | 12\% | 161 | 15\% | 1,614 | 12\% |
| 13 | 15\% | 824 | 30\% | 279 | 26\% | 3,174 | 25\% |
| 57 | 66\% | 1,325 | 49\% | 568 | 52\% | 7,214 | 56\% |
| 87 | 100\% | 2,719 | 100\% | 1,093 | 100\% | 12,940 | 100\% |
| 3 | 3\% | 153 | 6\% | 56 | 5\% | 700 | 5\% |
| 4 | 5\% | 203 | 7\% | 97 | 9\% | 993 | 8\% |
| 5 | 6\% | 415 | 15\% | 120 | 11\% | 1,627 | 13\% |
| 74 | 86\% | 1,945 | 72\% | 817 | 75\% | 9,563 | 74\% |
| 86 | 100\% | 2,716 | 100\% | 1,090 | 100\% | 12,883 | 100\% |
| 8 | 9\% | 424 | 16\% | 152 | 14\% | 1,769 | 14\% |
| 55 | 65\% | 1,407 | 52\% | 588 | 54\% | 6,898 | 54\% |
| 4 | 5\% | 226 | 8\% | 64 | 6\% | 867 | 7\% |
| 18 | 21\% | 644 | 24\% | 285 | 26\% | 3,305 | 26\% |
| 85 | 100\% | 2,701 | 100\% | 1,089 | 100\% | 12,839 | 100\% |
| 10 | 12\% | 377 | 14\% | 144 | 13\% | 1,593 | 12\% |
| 33 | 38\% | 814 | 30\% | 351 | 32\% | 3,921 | 30\% |
| 4 | 5\% | 554 | 20\% | 170 | 16\% | 2,087 | 16\% |
| 39 | 45\% | 972 | 36\% | 427 | 39\% | 5,315 | 41\% |
| 86 | 100\% | 2,717 | 100\% | 1,092 | 100\% | 12,916 | 100\% |
| 1 | 1\% | 160 | 6\% | 73 | 7\% | 755 | 6\% |
| 13 | 15\% | 807 | 30\% | 375 | 34\% | 4,196 | 32\% |
| 2 | 2\% | 163 | 6\% | 77 | 7\% | 798 | 6\% |
| 71 | 82\% | 1,595 | 59\% | 570 | 52\% | 7,197 | 56\% |
| 87 | 100\% | 2,725 | 100\% | 1,095 | 100\% | 12,946 | 100\% |
| 7 | 8\% | 410 | 15\% | 124 | 11\% | 1,542 | 12\% |
| 57 | 66\% | 1,565 | 58\% | 686 | 63\% | 7,717 | 60\% |
| 8 | 9\% | 380 | 14\% | 103 | 9\% | 1,229 | 10\% |
| 15 | 17\% | 356 | 13\% | 179 | 16\% | 2,408 | 19\% |
| 87 | 100\% | 2,711 | 100\% | 1,092 | 100\% | 12,896 | 100\% |
| 7 | 8\% | 370 | 14\% | 125 | 11\% | 1,333 | 10\% |
| 35 | 40\% | 1,596 | 59\% | 668 | 61\% | 7,788 | 61\% |
| 6 | 7\% | 268 | 10\% | 74 | 7\% | 934 | 7\% |
| 39 | 45\% | 466 | 17\% | 222 | 20\% | 2,811 | 22\% |
| 87 | 100\% | 2,700 | 100\% | 1,089 | 100\% | 12,866 | 100\% |




national survey of student engagement


| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 24 | 28\% | 495 | 18\% | 200 | 18\% | 2,239 | 17\% |
| 32 | 38\% | 957 | 35\% | 370 | 34\% | 4,406 | 34\% |
| 17 | 20\% | 735 | 27\% | 314 | 29\% | 3,674 | 29\% |
| 12 | 14\% | 512 | 19\% | 204 | 19\% | 2,555 | 20\% |
| 85 | 100\% | 2,699 | 100\% | 1,088 | 100\% | 12,874 | 100\% |
| 36 | 41\% | 1,054 | 39\% | 362 | 33\% | 4,387 | 34\% |
| 29 | 33\% | 987 | 36\% | 433 | 40\% | 5,027 | 39\% |
| 14 | 16\% | 443 | 16\% | 218 | 20\% | 2,391 | 19\% |
| 8 | 9\% | 235 | 9\% | 83 | 8\% | 1,114 | 9\% |
| 87 | 100\% | 2,719 | 100\% | 1,096 | 100\% | 12,919 | 100\% |
| 26 | 30\% | 620 | 23\% | 227 | 21\% | 2,714 | 21\% |
| 36 | 41\% | 1,044 | 39\% | 407 | 37\% | 5,061 | 39\% |
| 16 | 18\% | 723 | 27\% | 345 | 32\% | 3,565 | 28\% |
| 9 | 10\% | 322 | 12\% | 116 | 11\% | 1,538 | 12\% |
| 87 | 100\% | 2,709 | 100\% | 1,095 | 100\% | 12,878 | 100\% |
| 7 | 8\% | 274 | 10\% | 88 | 8\% | 1,118 | 9\% |
| 25 | 29\% | 772 | 29\% | 298 | 27\% | 3,459 | 27\% |
| 38 | 44\% | 990 | 37\% | 429 | 39\% | 4,984 | 39\% |
| 17 | 20\% | 670 | 25\% | 281 | 26\% | 3,324 | 26\% |
| 87 | 100\% | 2,706 | 100\% | 1,096 | 100\% | 12,885 | 100\% |
| 0 | 0\% | 45 | 2\% | 16 | 1\% | 206 | 2\% |
| 10 | 11\% | 268 | 10\% | 128 | 12\% | 1,260 | 10\% |
| 23 | 26\% | 851 | 31\% | 339 | 31\% | 4,060 | 31\% |
| 54 | 62\% | 1,558 | 57\% | 613 | 56\% | 7,396 | 57\% |
| 87 | 100\% | 2,722 | 100\% | 1,096 | 100\% | 12,922 | 100\% |
| 2 | 2\% | 73 | 3\% | 20 | 2\% | 263 | 2\% |
| 7 | 8\% | 356 | 13\% | 116 | 11\% | 1,560 | 12\% |
| 28 | 32\% | 1,028 | 38\% | 388 | 36\% | 4,729 | 37\% |
| 50 | 57\% | 1,255 | 46\% | 566 | 52\% | 6,343 | 49\% |
| 87 | 100\% | 2,712 | 100\% | 1,090 | 100\% | 12,895 | 100\% |
| 14 | 16\% | 289 | 11\% | 77 | 7\% | 1,050 | 8\% |
| 20 | 23\% | 773 | 29\% | 292 | 27\% | 3,382 | 26\% |
| 28 | 32\% | 896 | 33\% | 381 | 35\% | 4,598 | 36\% |
| 25 | 29\% | 745 | 28\% | 340 | 31\% | 3,843 | 30\% |
| 87 | 100\% | 2,703 | 100\% | 1,090 | 100\% | 12,873 | 100\% |

College of Charleston
national survey of student engagement


| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 7 | 8\% | 128 | 5\% | 44 | 4\% | 541 | 4\% |
| 18 | 21\% | 567 | 21\% | 218 | 20\% | 2,638 | 20\% |
| 32 | 37\% | 1,097 | 40\% | 433 | 40\% | 5,205 | 40\% |
| 30 | 34\% | 918 | 34\% | 397 | 36\% | 4,524 | 35\% |
| 87 | 100\% | 2,710 | 100\% | 1,092 | 100\% | 12,908 | 100\% |
| 8 | 9\% | 204 | 8\% | 49 | 5\% | 901 | 7\% |
| 25 | 29\% | 713 | 26\% | 273 | 25\% | 3,248 | 25\% |
| 31 | 36\% | 1,011 | 37\% | 413 | 38\% | 4,891 | 38\% |
| 23 | 26\% | 781 | 29\% | 350 | 32\% | 3,835 | 30\% |
| 87 | 100\% | 2,709 | 100\% | 1,085 | 100\% | 12,875 | 100\% |
| 2 | 2\% | 51 | 2\% | 12 | 1\% | 205 | 2\% |
| 4 | 5\% | 315 | 12\% | 105 | 10\% | 1,316 | 10\% |
| 34 | 39\% | 1,023 | 38\% | 388 | 36\% | 4,655 | 36\% |
| 47 | 54\% | 1,319 | 49\% | 584 | 54\% | 6,696 | 52\% |
| 87 | 100\% | 2,708 | 100\% | 1,089 | 100\% | 12,872 | 100\% |
| 1 | 1\% | 69 | 3\% | 17 | 2\% | 268 | 2\% |
| 11 | 13\% | 424 | 16\% | 145 | 13\% | 1,827 | 14\% |
| 34 | 39\% | 1,083 | 40\% | 423 | 39\% | 5,035 | 39\% |
| 41 | 47\% | 1,125 | 42\% | 502 | 46\% | 5,706 | 44\% |
| 87 | 100\% | 2,701 | 100\% | 1,087 | 100\% | 12,836 | 100\% |
| 6 | 7\% | 101 | 4\% | 28 | 3\% | 462 | 4\% |
| 23 | 26\% | 502 | 19\% | 204 | 19\% | 2,537 | 20\% |
| 24 | 28\% | 969 | 36\% | 446 | 41\% | 4,876 | 38\% |
| 34 | 39\% | 1,137 | 42\% | 414 | 38\% | 5,030 | 39\% |
| 87 | 100\% | 2,709 | 100\% | 1,092 | 100\% | 12,905 | 100\% |
| 0 | 0\% | 122 | 4\% | 38 | 3\% | 467 | 4\% |
| 21 | 24\% | 593 | 22\% | 193 | 18\% | 2,580 | 20\% |
| 35 | 40\% | 1,033 | 38\% | 444 | 41\% | 5,120 | 40\% |
| 31 | 36\% | 964 | 36\% | 415 | 38\% | 4,729 | 37\% |
| 87 | 100\% | 2,712 | 100\% | 1,090 | 100\% | 12,896 | 100\% |
| 27 | 31\% | 958 | 36\% | 396 | 36\% | 4,450 | 35\% |
| 34 | 40\% | 844 | 31\% | 362 | 33\% | 4,332 | 34\% |
| 14 | 16\% | 519 | 19\% | 217 | 20\% | 2,511 | 20\% |
| 11 | 13\% | 377 | 14\% | 110 | 10\% | 1,539 | 12\% |
| 86 | 100\% | 2,698 | 100\% | 1,085 | 100\% | 12,832 | 100\% |

College of Charleston
national survey of student engagement


| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 5 | 6\% | 158 | 6\% | 51 | 5\% | 629 | 5\% |
| 18 | 21\% | 483 | 18\% | 199 | 18\% | 2,252 | 18\% |
| 24 | 28\% | 1,030 | 38\% | 442 | 41\% | 5,106 | 40\% |
| 39 | 45\% | 1,018 | 38\% | 384 | 36\% | 4,834 | 38\% |
| 86 | 100\% | 2,689 | 100\% | 1,076 | 100\% | 12,821 | 100\% |
| 15 | 18\% | 364 | 14\% | 111 | 10\% | 1,432 | 11\% |
| 17 | 20\% | 682 | 25\% | 304 | 28\% | 3,225 | 25\% |
| 27 | 32\% | 849 | 32\% | 375 | 35\% | 4,289 | 33\% |
| 26 | 31\% | 789 | 29\% | 289 | 27\% | 3,865 | 30\% |
| 85 | 100\% | 2,684 | 100\% | 1,079 | 100\% | 12,811 | 100\% |
| 21 | 25\% | 460 | 17\% | 176 | 16\% | 1,982 | 15\% |
| 24 | 28\% | 864 | 32\% | 392 | 36\% | 4,299 | 34\% |
| 29 | 34\% | 794 | 29\% | 329 | 30\% | 3,958 | 31\% |
| 11 | 13\% | 583 | 22\% | 187 | 17\% | 2,592 | 20\% |
| 85 | 100\% | 2,701 | 100\% | 1,084 | 100\% | 12,831 | 100\% |
| 10 | 12\% | 320 | 12\% | 96 | 9\% | 1,290 | 10\% |
| 33 | 38\% | 864 | 32\% | 331 | 31\% | 3,915 | 31\% |
| 23 | 27\% | 873 | 32\% | 412 | 38\% | 4,653 | 36\% |
| 20 | 23\% | 639 | 24\% | 241 | 22\% | 2,962 | 23\% |
| 86 | 100\% | 2,696 | 100\% | 1,080 | 100\% | 12,820 | 100\% |
| 18 | 21\% | 448 | 17\% | 135 | 12\% | 1,844 | 14\% |
| 26 | 31\% | 791 | 29\% | 317 | 29\% | 3,665 | 29\% |
| 25 | 29\% | 825 | 31\% | 354 | 33\% | 3,942 | 31\% |
| 16 | 19\% | 632 | 23\% | 276 | 26\% | 3,395 | 26\% |
| 85 | 100\% | 2,696 | 100\% | 1,082 | 100\% | 12,846 | 100\% |
| 19 | 22\% | 480 | 18\% | 151 | 14\% | 1,962 | 15\% |
| 25 | 29\% | 890 | 33\% | 368 | 34\% | 4,113 | 32\% |
| 23 | 27\% | 767 | 28\% | 332 | 31\% | 3,898 | 30\% |
| 19 | 22\% | 558 | 21\% | 230 | 21\% | 2,871 | 22\% |
| 86 | 100\% | 2,695 | 100\% | 1,081 | 100\% | 12,844 | 100\% |
| 52 | 60\% | 1,312 | 49\% | 486 | 45\% | 5,880 | 46\% |
| 20 | 23\% | 669 | 25\% | 284 | 26\% | 3,191 | 25\% |
| 8 | 9\% | 378 | 14\% | 156 | 14\% | 1,942 | 15\% |
| 6 | 7\% | 342 | 13\% | 157 | 14\% | 1,845 | 14\% |
| 86 | 100\% | 2,701 | 100\% | 1,083 | 100\% | 12,858 | 100\% |


| NSSE <br> national survey of student engagement |  |  |  | NSSE 2010 Major Field Report: Part II. Comparisons to Other Institutions Frequency Distributions-BIOLOGICAL SCIENCES <br> College of Charleston |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | First-Year Students |  |  |  |  |  |  |  | Seniors |  |  |  |  |  |  |  |
|  |  |  |  | CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  | CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
|  | Variable | Response |  | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% | Count | \% |
| 2. Overall, how would you evaluate the quality of academic advising you have received at your institution? | ADVISE | Poor |  | 3 | 3\% | 118 | 5\% | 54 | 5\% | 598 | 5\% | 15 | 17\% | 365 | 13\% | 90 | 8\% | 1,278 | 10\% |
|  |  | Fair |  | 15 | 15\% | 435 | 18\% | 156 | 15\% | 2,088 | 16\% | 19 | 22\% | 622 | 23\% | 210 | 19\% | 2,569 | 20\% |
|  |  | Good |  | 50 | 49\% | 1,063 | 44\% | 473 | 45\% | 6,026 | 45\% | 24 | 28\% | 1,042 | 38\% | 420 | 38\% | 5,142 | 40\% |
|  |  | Excellent |  | 34 | 33\% | 779 | 33\% | 377 | 36\% | 4,556 | 34\% | 29 | 33\% | 698 | 26\% | 375 | 34\% | 3,971 | 31\% |
|  |  |  | Total | 102 | 100\% | 2,395 | 100\% | 1,060 | 100\% | 13,268 | 100\% | 87 | 100\% | 2,727 | 100\% | 1,095 | 100\% | 12,960 | 100\% |
| 3. How would you evaluate your entire educational experience at this institution? | ENTIREXP | Poor |  | 1 | 1\% | 36 | 2\% | 14 | 1\% | 198 | 1\% | 4 | 5\% | 74 | 3\% | 21 | 2\% | 255 | 2\% |
|  |  | Fair |  | 7 | 7\% | 250 | 10\% | 106 | 10\% | 1,329 | 10\% | 10 | 11\% | 361 | 13\% | 94 | 9\% | 1,479 | 11\% |
|  |  | Good |  | 40 | 40\% | 1,205 | 50\% | 506 | 48\% | 6,342 | 48\% | 34 | 39\% | 1,384 | 51\% | 495 | 45\% | 5,982 | 46\% |
|  |  | Excellent |  | 51 | 52\% | 901 | 38\% | 435 | 41\% | 5,396 | 41\% | 39 | 45\% | 906 | 33\% | 484 | 44\% | 5,246 | 40\% |
|  |  |  | Total | 99 | 100\% | 2,392 | 100\% | 1,061 | 100\% | 13,265 | 100\% | 87 | 100\% | 2,725 | 100\% | 1,094 | 100\% | 12,962 | 100\% |
| 14. If you could start over again, | SAMECOLL | Definitely no |  | 5 | 5\% | 96 | 4\% | 35 | 3\% | 499 | 4\% | 8 | 9\% | 178 | 7\% | 56 | 5\% | 756 | 6\% |
| would you go to the same |  | Probably no |  | 13 | 13\% | 305 | 13\% | 133 | 13\% | 1,615 | 12\% | 8 | 9\% | 407 | 15\% | 136 | 12\% | 1,770 | 14\% |
| institution you are now |  | Probably yes |  | 28 | 28\% | 916 | 38\% | 442 | 42\% | 5,295 | 40\% | 24 | 28\% | 1,068 | 39\% | 411 | 38\% | 4,926 | 38\% |
| attending? |  | Definitely yes |  | 55 | 54\% | 1,080 | 45\% | 450 | 42\% | 5,864 | 44\% | 47 | 54\% | 1,075 | 39\% | 493 | 45\% | 5,513 | 43\% |
|  |  |  | Total | 101 | 100\% | 2,397 | 100\% | 1,060 | 100\% | 13,273 | 100\% | 87 | 100\% | 2,728 | 100\% | 1,096 | 100\% | 12,965 | 100\% |



# NSSE 2010 Major Field Report: Part II. Comparisons to Other Institutions 

 Frequency Distributions-BIOLOGICAL SCIENCESCollege of Charleston
national survey of
student engagement

First-Year Students
21. Since graduating from high school, which of the following types of schools have you attended other than the one you are attending now? (Select all that apply.)
$-\quad$ Are you a current or former member of the U.S. Anmer Forces, Reserves, or National Guard? (Item appeared only
in the online instrument.)

| - If yes: As part of your military experience, did you receive combat pay, hostile fire pay, or imminent danger pay? <br> (Item appeared only in the online instrument.) | VETPAY | $\begin{aligned} & \text { No } \\ & \text { Yes } \end{aligned}$ | Total | 0 |  | $\begin{aligned} & 27 \\ & 13 \\ & 40 \end{aligned}$ | $\begin{array}{r} 68 \% \\ 33 \% \\ 100 \% \end{array}$ | 8 4 12 | $\begin{gathered} 67 \% \\ 33 \% \\ 100 \% \end{gathered}$ | 103 43 146 | $\begin{gathered} 71 \% \\ 29 \% \\ 100 \% \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22. Thinking about this current academic term...How would you characterize your enrollment? | ENRLMENT | Less than full-time Full-time | Total | $\begin{array}{r} 1 \\ 101 \\ 102 \end{array}$ | $1 \%$ $99 \%$ $100 \%$ | $\begin{array}{r} 54 \\ 2,350 \\ 2,404 \end{array}$ | $\begin{array}{r} 2 \% \\ 98 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 18 \\ 1,043 \\ 1,061 \end{array}$ | $\begin{array}{r} 2 \% \\ 98 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 233 \\ 13,057 \\ 13,290 \end{array}$ | $\begin{array}{r} 2 \% \\ 98 \% \\ 100 \% \end{array}$ |
| - Thinking about this current academic term...Are you taking all courses entirely online? (Item appeared only in the online instrument.) | DISTED | $\begin{aligned} & \text { No } \\ & \text { Yes } \end{aligned}$ | Total | 102 0 102 | $\begin{array}{r} 100 \% \\ 0 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 2,365 \\ 23 \\ 2,388 \end{array}$ | $\begin{array}{r} 99 \% \\ 1 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 1,033 \\ 1 \\ 1,034 \end{array}$ | $\begin{array}{r} 100 \% \\ 0 \% \\ 100 \% \end{array}$ | $\begin{array}{r} 13,126 \\ 65 \\ 13,191 \end{array}$ | $\begin{array}{r} 100 \% \\ 0 \% \\ 100 \% \end{array}$ |


|  |  |  |  | iors |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 10 | 12\% | 114 | 4\% | 56 | 5\% | 557 | 4\% |
| 13 | 16\% | 906 | 33\% | 327 | 30\% | 3,977 | 31\% |
| 19 | 23\% | 690 | 25\% | 247 | 23\% | 2,905 | 23\% |
| 50 | 60\% | 1,325 | 49\% | 591 | 55\% | 6,770 | 53\% |
| 3 | 4\% | 90 | 3\% | 35 | 3\% | 413 | 3\% |
| 87 | 100\% | 2,606 | 96\% | 1,035 | 97\% | 12,419 | 97\% |
| 0 | 0\% | 103 | 4\% | 30 | 3\% | 343 | 3\% |
| 87 | 100\% | 2,709 | 100\% | 1,065 | 100\% | 12,762 | 100\% |
| 0 | 0\% | 54 | 53\% | 13 | 43\% | 187 | 55\% |
| 0 | 0\% | 48 | 47\% | 17 | 57\% | 155 | 45\% |
| 0 | 0\% | 102 | 100\% | 30 | 100\% | 342 | 100\% |
| 3 | 3\% | 303 | 11\% | 81 | 7\% | 1,105 | 9\% |
| 84 | 97\% | 2,428 | 89\% | 1,014 | 93\% | 11,867 | 91\% |
| 87 | 100\% | 2,731 | 100\% | 1,095 | 100\% | 12,972 | 100\% |
| 87 | 100\% | 2,674 | 99\% | 1,055 | 99\% | 12,649 | 99\% |
| 0 | 0\% | 40 | 1\% | 12 | 1\% | 125 | 1\% |
| 87 | 100\% | 2,714 | 100\% | 1,067 | 100\% | 12,774 | 100\% |

# NSSE 2010 Major Field Report: Part II. Comparisons to Other Institutions 

 Frequency Distributions-BIOLOGICAL SCIENCESCollege of Charleston
national survey of student engagement

|  |  |  |  | CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Variable | Response Options | Count | \% | Count | \% | Count | \% | Count | \% |
|  | Do you have any disabilities? <br> (Select all that apply.) (Item | DISNONE | No, I do not have any disabilities | 88 | 87\% | 2,065 | 87\% | 898 | 88\% | 11,387 | 87\% |
|  | appeared only in the online instrument and was preceded by the statement "Your | DISSENSE | Yes, I have a sensory impairment (vision or hearing) | 2 | 2\% | 92 | 4\% | 30 | 3\% | 381 | 3\% |
|  | institution will not receive your identified response to the | DISMOBIL | Yes, I have a mobility impairment | 0 | 0\% | 10 | 0\% | 4 | 0\% | 44 | 0\% |
|  | following question. Only an overall summary of responses | DISLEARN | Yes, I have a learning disability | 1 | 1\% | 31 | 1\% | 13 | 1\% | 196 | 2\% |
|  | will be provided." <br> Accordingly, this item does not appear in the NSSE10 data file or codebook.) | DISDEVLP | Yes, I have a developmental disorder (ADHD, Autism spectrum disorder, etc.) | 3 | 3\% | 54 | 2\% | 25 | 2\% | 286 | 2\% |
|  |  | DISMENT | Yes, I have a mental health disorder | 1 | 1\% | 43 | 2\% | 17 | 2\% | 244 | 2\% |
|  |  | DISMED | Yes, I have a medical disability not listed above | 1 | 1\% | 28 | 1\% | 16 | 2\% | 158 | 1\% |
|  |  | DISOTHER | Yes, I have another disability | 1 | 1\% | 14 | 1\% | 6 | 1\% | 61 | 0\% |
|  |  | DISREFUS | I choose not to answer | 5 | 5\% | 86 | 4\% | 40 | 4\% | 553 | 4\% |
| 23. | Are you member of a social | FRATSORO | No | 82 | 80\% | 2,130 | 89\% | 968 | 91\% | 12,017 | 90\% |
|  | fraternity or sorority? |  | Yes | 20 | 20\% | 274 | 11\% | 94 | 9\% | 1,280 | 10\% |
|  |  |  | Total | 102 | 100\% | 2,404 | 100\% | 1,062 | 100\% | 13,297 | 100\% |
| 24. | Are you a student-athlete on a | ATHLETE | No | 93 | 92\% | 2,270 | 95\% | 925 | 87\% | 11,635 | 88\% |
|  | team sponsored by your |  | Yes | 8 | 8\% | 130 | 5\% | 134 | 13\% | 1,646 | 12\% |
|  | institution's athletics department? |  | Total | 101 | 100\% | 2,400 | 100\% | 1,059 | 100\% | 13,281 | 100\% |

First-Year Students

Seniors

| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 75 | 88\% | 2,343 | 88\% | 920 | 87\% | 11,071 | 87\% |
| 2 | 2\% | 65 | 2\% | 26 | 2\% | 274 | 2\% |
| 0 | 0\% | 15 | 1\% | 3 | 0\% | 47 | 0\% |
| 1 | 1\% | 45 | 2\% | 17 | 2\% | 207 | 2\% |
| 4 | 5\% | 70 | 3\% | 24 | 2\% | 313 | 2\% |
| 3 | 4\% | 39 | 1\% | 23 | 2\% | 255 | 2\% |
| 1 | 1\% | 32 | 1\% | 14 | 1\% | 152 | 1\% |
| 0 | 0\% | 20 | 1\% | 9 | 1\% | 65 | 1\% |
| 1 | 1\% | 113 | 4\% | 51 | 5\% | 537 | 4\% |
| 69 | 79\% | 2,361 | 86\% | 976 | 89\% | 11,426 | 88\% |
| 18 | 21\% | 371 | 14\% | 122 | 11\% | 1,549 | 12\% |
| 87 | 100\% | 2,732 | 100\% | 1,098 | 100\% | 12,975 | 100\% |
| 84 | 98\% | 2,648 | 97\% | 979 | 90\% | 11,984 | 92\% |
| 2 | 2\% | 80 | 3\% | 114 | 10\% | 980 | 8\% |
| 86 | 100\% | 2,728 | 100\% | 1,093 | 100\% | 12,964 | 100\% |


national survey of
student engagement


| CofC |  | Southeast Public |  | Carnegie Class |  | NSSE 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Count | \% | Count | \% | Count | \% | Count | \% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 87 | 100\% | 2,736 | 100\% | 1,098 | 100\% | 12,992 | 100\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 0 | 0\% | 0 | 0\% | 0 | 0\% | 0 | 0\% |
| 87 | 100\% | 2,736 | 100\% | 1,098 | 100\% | 12,992 | 100\% |
| 8 | 31\% | 89 | 15\% | 45 | 16\% | 572 | 18\% |
| 0 | 0\% | 85 | 14\% | 35 | 13\% | 459 | 15\% |
| 0 | 0\% | 12 | 2\% | 3 | 1\% | 75 | 2\% |
| 3 | 12\% | 16 | 3\% | 21 | 8\% | 144 | 5\% |
| 0 | 0\% | 8 | 1\% | 0 | 0\% | 14 | 0\% |
| 10 | 38\% | 141 | 23\% | 75 | 27\% | 656 | 21\% |
| 0 | 0\% | 97 | 16\% | 31 | 11\% | 345 | 11\% |
| 4 | 15\% | 113 | 19\% | 46 | 17\% | 563 | 18\% |
| 1 | 4\% | 39 | 6\% | 15 | 5\% | 242 | 8\% |
| 0 | 0\% | 4 | 1\% | 3 | 1\% | 30 | 1\% |
| 26 | 100\% | 604 | 100\% | 274 | 100\% | 3,100 | 100\% |
| 26 | 30\% | 950 | 35\% | 389 | 35\% | 4,581 | 35\% |
| 61 | 70\% | 1,786 | 65\% | 709 | 65\% | 8,410 | 65\% |
| 87 | 100\% | 2,736 | 100\% | 1,098 | 100\% | 12,991 | 100\% |
| 2 | 2\% | 386 | 15\% | 71 | 7\% | 861 | 7\% |
| 0 | 0\% | 15 | 1\% | 5 | 0\% | 96 | 1\% |
| 5 | 6\% | 193 | 8\% | 47 | 4\% | 1,008 | 9\% |
| 77 | 89\% | 1,690 | 66\% | 754 | 70\% | 7,790 | 67\% |
| 1 | 1\% | 155 | 6\% | 62 | 6\% | 922 | 8\% |
| 0 | 0\% | 15 | 1\% | 8 | 1\% | 86 | 1\% |
| 0 | 0\% | 36 | 1\% | 20 | 2\% | 243 | 2\% |
| 0 | 0\% | 12 | 0\% | 11 | 1\% | 50 | 0\% |
| 2 | 2\% | 67 | 3\% | 96 | 9\% | 491 | 4\% |
| 87 | 100\% | 2,569 | 100\% | 1,074 | 100\% | 11,547 | 100\% |
| 1 | 1\% | 311 | 11\% | 73 | 7\% | 1,134 | 9\% |
| 86 | 99\% | 2,425 | 89\% | 1,025 | 93\% | 11,858 | 91\% |
| 87 | 100\% | 2,736 | 100\% | 1,098 | 100\% | 12,992 | 100\% |
|  |  |  |  |  |  | IPEDS: | 217819 |

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# Benchmark Statistics 

## College of Charleston

NSSE 2010 Major Field Report
Part II. Comparisons to Other Institutions
BIOLOGICAL SCIENCES

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## Benchmarks

To focus discussions about the importance of student engagement and to guide institutional improvement efforts, NSSE created five Benchmarks of Effective Educational Practice: Level of Academic Challenge, Active and Collaborative Learning, Student-Faculty Interaction, Enriching Educational Experiences, and Supportive Campus Environment.

## Class

Benchmark comparisons are reported separately for first-year students and seniors. Insitution-reported class levels are used. Of course, first-year student reports of major are likely to be unstable, and interpretations of first-year results should be made with caution.

## Major

Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod). Major groups with fewer than twenty respondents in a given class are not reported. Comparison groups must contain at least three institutions with five or more respondents in the major group, or they are left blank.

## Sample

This report is based on information from all randomly selected BIOLOGICAL SCIENCES students (including those from census samples) for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included.

Mean
The mean is the arithmetic average of the students' benchmark scores where students answered at least 3/5ths of the benchmark items.

## NSSE 2010 Major Field Report: Part II. Comparisons to Other Institutions Interpreting the Benchmark Statistics

## BETWEEN Institution Comparisons on Major Groups

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key sub-populations such as major. This report displays the benchmark comparisons for the BIOLOGICAL SCIENCES group at your institution and at your selected comparison institutions.

## Weighting

All results displayed in this report are unweighted.

|  | Mean Statistics |  |  |
| :---: | :---: | :---: | :---: |
|  | Mean | SD ${ }^{\text {b }}$ | SEM ${ }^{\text {c }}$ |
| LEVEL OF AC ADEMIC CHALLENGE (LAC) |  |  |  |
| NSSEville State ( $\mathrm{N}=26$ ) | 52.6 | 11.2 | 2.2 |
| Mid East Public | 54.1 | 13.8 | . 4 |
| Carnegie Class | 53.8 | 13.4 | . 2 |
| NSSE 2010 | 55.1 | 13.3 | . 1 |
| ACTIVE AND COLLABO RATIVE LEARNING (ACL) |  |  |  |
| NSSEville State ( $\mathrm{N}=26$ ) | 51.1 | 15.8 | 3.1 |
| Mid East Public | 42.5 | 15.9 | . 5 |
| Carnegie Class | 44.0 | 15.5 | . 2 |
| NSSE 2010 | 44.4 | 15.4 | . 1 |

## Statistical Significance

Benchmarks with mean differences that are larger than would be expected by chance alone are generally noted with one of three significance levels ( $\mathrm{p}<.05, \mathrm{p}<.01$, and $\mathrm{p}<.001$ ). The smaller the significance level, the smaller the likelihood that the difference is due to chance. Please note that statistical significance does not guarantee that the result is substantive or important. Large sample sizes (as with the NSSE project) tend to produce more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to consult effect sizes to judge the practical meaning of the results.

## Distribution Statistics

The dispersion of the first-year and senior benchmark scores for your institution and your selected comparison or consortium groups.

| Distribution Statistics |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Percentiles ${ }^{\text {d }}$ |  |  |  |  |
| 5th | $25 \mathrm{th}^{5}$ | 50th | 75 th | 95 th |


| 36 | 44 | 52 | 62 | 69 |
| :--- | :--- | :--- | :--- | :--- |
| 31 | 45 | 55 | 64 | 75 |
| 32 | 45 | 54 | 63 | 75 |
| 33 | 46 | 55 | 64 | 76 |
|  |  |  |  |  |
| 33 | 43 | 43 | 57 | 90 |
| 19 | 33 | 43 | 52 | 71 |
| 19 | 33 | 43 | 52 | 71 |
| 19 | 33 | 43 | 52 | 71 |


| Reference Group <br> Comparison Statistics |  |  |  |
| :---: | :---: | :---: | :---: |
| Deg. of <br> Freedom${ }^{\text {e }}$ | Mean <br> Diff. | Sig. $^{\mathrm{t}}$ |  |

## Effect Size

Effect size indicates the practical significance of the mean difference. It is calculated by dividing the mean difference by the pooled standard deviation. In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large. A positive sign indicates that your institution's mean was greater, thus showing an affirmative result for the institution. A negative sign indicates the institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention.

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Benchmark Statistics: BIOLOGICAL SCIENCES

First-Year Students


[^0]${ }^{\mathrm{b}}$ Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
${ }^{\text {c }}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.
${ }^{\mathrm{d}}$ A percentile is the point in the distribution of student benchmark scores at or below which a given percentage of benchmark scores fall.
${ }^{e}$ Degrees of freedom used to compute the $t$-tests. Values vary for the total Ns due to the equal variance assumption.
${ }^{\mathrm{f}}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.
${ }^{\mathrm{g}}$ Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.

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Seniors


[^1]${ }^{\mathrm{b}}$ Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
${ }^{\text {c }}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.
${ }^{\mathrm{d}}$ A percentile is the point in the distribution of student benchmark scores at or below which a given percentage of benchmark scores fall.
${ }^{e}$ Degrees of freedom used to compute the $t$-tests. Values vary for the total Ns due to the equal variance assumption.
${ }^{\mathrm{f}}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.
${ }^{\mathrm{g}}$ Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.


[^0]:    ${ }^{\text {a }}$ Major classifications are based on recodes of the student-reported primary major field (majrpcod).

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