



# National Survey of Student Engagement

The College Student Report

## NSSE 2001 Means Summary Report University of California, Santa Cruz

| Var. Name  | Class    | UC Santa Cruz |      | Doc/Res-Extensive |                  | NSSE 2001                |      |                  |                          |
|--|----------|---------------|------|-------------------|------------------|--------------------------|------|------------------|--------------------------|
|  |          | Mean          |      | Mean              | Sig <sup>a</sup> | Effect Size <sup>b</sup> | Mean | Sig <sup>a</sup> | Effect Size <sup>b</sup> |
| <i>1=never, 2=sometimes, 3=often, 4=very often</i>   |          |               |      |                   |                  |                          |      |                  |                          |
| Asked questions in class or contributed to class discussions   | CLQUEST  | 1st Yr.       | 2.63 | 2.63              |                  |                          | 2.79 |                  |                          |
|  |          | Senior        | 3.02 | 2.86              |                  |                          | 3.08 |                  |                          |
| Made a class presentation  | CLPRESEN | 1st Yr.       | 2.02 | 2.01              |                  |                          | 2.18 |                  |                          |
|  |          | Senior        | 2.39 | 2.57              |                  |                          | 2.79 | *                | -.48                     |
| Prepared two or more drafts of a paper or assignment before turning it in                              | REWROPAP | 1st Yr.       | 2.62 | 2.64              |                  |                          | 2.70 |                  |                          |
|  |          | Senior        | 2.59 | 2.39              |                  |                          | 2.50 |                  |                          |
| Worked on a paper or project that required integrating ideas or information from various sources       | INTEGRAT | 1st Yr.       | 3.11 | 2.93              |                  |                          | 3.01 |                  |                          |
|  |          | Senior        | 3.46 | 3.21              | *                | .33                      | 3.32 |                  |                          |
| Came to class without completing readings or assignments   | CLUNPREP | 1st Yr.       | 2.20 | 2.20              |                  |                          | 2.09 |                  |                          |
|  |          | Senior        | 2.21 | 2.29              |                  |                          | 2.16 |                  |                          |
| Worked with other students on projects during class  | CLASSGRP | 1st Yr.       | 2.24 | 2.39              |                  |                          | 2.42 |                  |                          |
|  |          | Senior        | 2.14 | 2.42              | *                | -.33                     | 2.51 | *                | -.43                     |
| Worked with other students on projects outside of class to prepare class assignments                   | OCCGRP   | 1st Yr.       | 2.23 | 2.31              |                  |                          | 2.35 |                  |                          |
|  |          | Senior        | 2.64 | 2.73              |                  |                          | 2.73 |                  |                          |
| Tutored or taught other students (paid or voluntary)   | TUTOR    | 1st Yr.       | 1.65 | 1.63              |                  |                          | 1.63 |                  |                          |
|  |          | Senior        | 2.05 | 1.76              | *                | .32                      | 1.82 |                  |                          |
| Participated in a community-based project as a part of a regular course                                | COMMPROJ | 1st Yr.       | 1.22 | 1.30              |                  |                          | 1.37 |                  |                          |
|  |          | Senior        | 1.54 | 1.46              |                  |                          | 1.57 |                  |                          |
| Used an electronic medium (list-serv, chat group, Internet, etc.) to discuss or complete an assignment | ITACADEM | 1st Yr.       | 2.61 | 2.65              |                  |                          | 2.58 |                  |                          |
|  |          | Senior        | 2.55 | 2.75              |                  |                          | 2.71 |                  |                          |
| Used email to communicate with an instructor   | EMAIL    | 1st Yr.       | 2.98 | 2.94              |                  |                          | 2.77 |                  |                          |
|  |          | Senior        | 3.27 | 3.14              |                  |                          | 2.95 | *                | .36                      |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

<sup>b</sup> Effect size=mean difference divided by the standard deviation of the comparison group.



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*Var. Name Class Mean Mean Sig<sup>a</sup> Effect Size<sup>b</sup> Mean Sig<sup>a</sup> Effect Size<sup>b</sup>*

*1=never, 2=sometimes, 3=often, 4=very often*

### Academic, Intellectual, and Social Experiences (continued)

|   |          |         |      |      |   |      |      |   |      |
|---|----------|---------|------|------|---|------|------|---|------|
| Discussed grades or assignments with an instructor  | FACGRADE | 1st Yr. | 2.43 | 2.50 |   |      | 2.56 |   |      |
|   |          | Senior  | 2.74 | 2.71 |   |      | 2.79 |   |      |
| Talked about career plans with a faculty member or advisor  | FACPLANS | 1st Yr. | 1.73 | 2.02 | * | -.36 | 2.11 | * | -.44 |
|   |          | Senior  | 2.21 | 2.24 |   |      | 2.43 |   |      |
| Discussed ideas from your reading or classes with faculty members outside of class  | FACIDEAS | 1st Yr. | 1.80 | 1.65 |   |      | 1.75 |   |      |
|   |          | Senior  | 2.18 | 1.88 | * | .36  | 2.03 |   |      |
| Received prompt feedback from faculty on your academic performance (written or oral)  | FACFEED  | 1st Yr. | 2.55 | 2.54 |   |      | 2.61 |   |      |
|   |          | Senior  | 2.83 | 2.67 |   |      | 2.80 |   |      |
| Worked harder than you thought you could to meet an instructor's standards or expectations.   | WORKHARD | 1st Yr. | 2.37 | 2.54 |   |      | 2.58 |   |      |
|   |          | Senior  | 2.65 | 2.57 |   |      | 2.67 |   |      |
| Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)                | FACOTHER | 1st Yr. | 1.38 | 1.38 |   |      | 1.51 |   |      |
|   |          | Senior  | 1.60 | 1.63 |   |      | 1.81 |   |      |
| Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)                  | OOCIDEAS | 1st Yr. | 2.91 | 2.68 | * | .27  | 2.73 |   |      |
|   |          | Senior  | 3.18 | 2.81 | * | .46  | 2.87 | * | .38  |
| Had serious conversations with students of a different race or ethnicity than your own  | DIVRSTUD | 1st Yr. | 3.05 | 2.72 | * | .32  | 2.65 | * | .39  |
|   |          | Senior  | 3.06 | 2.72 | * | .35  | 2.63 | * | .43  |
| Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values | DIFFSTUD | 1st Yr. | 3.21 | 2.94 | * | .28  | 2.90 | * | .32  |
|   |          | Senior  | 3.08 | 2.86 |   |      | 2.84 | * | .26  |

### Mental Activities

*1=very little, 2=some, 3=quite a bit, 4=very much*

|  |          |         |      |      |  |  |      |  |  |
|--|----------|---------|------|------|--|--|------|--|--|
| Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form | MEMORIZE | 1st Yr. | 2.90 | 3.02 |  |  | 2.94 |  |  |
|  |          | Senior  | 2.69 | 2.85 |  |  | 2.77 |  |  |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

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|---------------|-------------------|-----------|
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| <i>Var. Name</i>   | <i>Class</i> | <i>Mean</i> | <i>Mean</i> | <i>Sig<sup>a</sup></i> | <i>Effect Size<sup>b</sup></i> | <i>Mean</i> | <i>Sig<sup>a</sup></i> | <i>Effect Size<sup>b</sup></i> |
|--|--------------|-------------|-------------|------------------------|--------------------------------|-------------|------------------------|--------------------------------|
| <i>1=very little, 2=some, 3=quite a bit, 4=very much</i>   |              |             |             |                        |                                |             |                        |                                |
| Analyzing the basic elements of an idea, experience, or theory such as examining a particular case or situation in depth and considering its components                            | ANALYZE      | 1st Yr.     | 3.36        |                        |                                | 3.12        | *                      | .31                            |
|  |              | Senior      | 3.46        |                        |                                | 3.24        | *                      | .28                            |
| Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships  | SYNTHESZ     | 1st Yr.     | 3.00        |                        |                                | 2.81        |                        |                                |
|  |              | Senior      | 3.24        |                        |                                | 2.97        | *                      | .31                            |
| Making judgments about the value of information, arguments, or methods such as examining how others gathered and interpreted data and assessing the soundness of their conclusions | EVALUATE     | 1st Yr.     | 2.89        |                        |                                | 2.70        |                        |                                |
|  |              | Senior      | 2.95        |                        |                                | 2.84        |                        |                                |
| Applying theories or concepts to practical problems or in new situations   | APPLYING     | 1st Yr.     | 2.85        |                        |                                | 2.98        |                        |                                |
|  |              | Senior      | 3.07        |                        |                                | 3.12        |                        |                                |

### Reading and Writing

*1=none, 2=fewer than 5, 3=between 5 and 10, 4=between 11 and 20, 5=more than 20*

|   |          |         |      |  |  |      |   |     |
|---|----------|---------|------|--|--|------|---|-----|
| Number of assigned textbooks, books, or book-length packs of course readings                  | READASGN | 1st Yr. | 3.63 |  |  | 3.43 |   |     |
|   |          | Senior  | 3.83 |  |  | 3.26 | * | .56 |
| Number of books read on your own (not assigned) for personal enjoyment or academic enrichment | READOWN  | 1st Yr. | 1.91 |  |  | 1.96 |   |     |
|   |          | Senior  | 2.33 |  |  | 2.20 |   |     |
| Number of written papers or reports of 20 pages or more                                       | WRITEMOR | 1st Yr. | 1.23 |  |  | 1.18 |   |     |
|   |          | Senior  | 1.69 |  |  | 1.58 |   |     |
| Number of written papers or reports between 5 and 19 pages                                    | WRITEMID | 1st Yr. | 2.93 |  |  | 2.36 | * | .66 |
|   |          | Senior  | 3.08 |  |  | 2.57 | * | .53 |
| Number of written papers or reports of fewer than 5 pages                                     | WRITESML | 1st Yr. | 3.09 |  |  | 3.13 |   |     |
|   |          | Senior  | 3.06 |  |  | 3.03 |   |     |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

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| Var. Name  | Class | UC Santa Cruz |                  | Doc/Res-Extensive        |      | NSSE 2001        |                          |
|--|-------|---------------|------------------|--------------------------|------|------------------|--------------------------|
|  |       | Mean          | Sig <sup>a</sup> | Effect Size <sup>b</sup> | Mean | Sig <sup>a</sup> | Effect Size <sup>b</sup> |
| <i>1=mostly multiple choice or short answer to 7=mostly essay or open-ended problems</i>   |       |               |                  |                          |      |                  |                          |
| Challenge of Examinations<br>Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work | EXAMS | 1st Yr.       | 5.40             |                          | 5.65 |                  | 5.61                     |
|  |       | Senior        | 5.29             |                          | 5.43 |                  | 5.53                     |

### Quality of Advising

|  |        |         |      |  |      |       |      |
|--|--------|---------|------|--|------|-------|------|
| Overall how would you evaluate the quality of academic advising you have received at your institution? | ADVISE | 1st Yr. | 2.78 |  | 2.78 |       | 2.91 |
|  |        | Senior  | 2.89 |  | 2.60 | * .30 | 2.83 |

### Enriching Educational Experiences

Note: The response type of the items in this section of The College Student Report is categorical. Refer to frequency data for comparative results.

1=0 hours/week, 2= 5 or fewer hours/week, 3= 6-10 hours/week, 4= 11-15 hours/week, 5= 16-20 hours/week, 6= 21-25 hours/week, 7= 26-30 hours/week, 8= more than 30 hours/week

### Time Usage

|   |          |         |      |  |      |        |             |
|---|----------|---------|------|--|------|--------|-------------|
| Preparing for class (studying, reading, writing, rehearsing, and other activities related to your academic program)   | ACADPR01 | 1st Yr. | 3.82 |  | 4.18 |        | 4.08        |
|   |          | Senior  | 4.70 |  | 4.08 | * .34  | 4.10 * .33  |
| Working for pay on campus   | WORKON01 | 1st Yr. | 1.44 |  | 1.54 |        | 1.61        |
|   |          | Senior  | 1.86 |  | 1.95 |        | 1.87        |
| Working for pay off campus  | WORKOF01 | 1st Yr. | 1.63 |  | 2.06 | * -.22 | 2.35 * -.33 |
|   |          | Senior  | 2.89 |  | 3.43 |        | 3.62 * -.27 |
| Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.) | COCURR01 | 1st Yr. | 1.95 |  | 2.23 |        | 2.32 * -.24 |
|   |          | Senior  | 1.73 |  | 2.10 | * -.26 | 2.21 * -.31 |
| Relaxing and socializing (watching TV, partying, exercising, playing computer and other games, etc.)  | SOCIAL01 | 1st Yr. | 4.46 |  | 4.29 |        | 4.12        |
|   |          | Senior  | 3.92 |  | 3.94 |        | 3.77        |
| Providing care for dependents living with you (parents, children, spouse, etc.)   | CAREDE01 | 1st Yr. | 1.09 |  | 1.41 | * -.25 | 1.58 * -.33 |
|   |          | Senior  | 1.77 |  | 1.96 |        | 2.25 * -.21 |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

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|---------------|-------------------|-----------|
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*Var. Name*      *Class*      *Mean*      *Mean*      *Sig<sup>a</sup>*      *Effect Size<sup>b</sup>*      *Mean*      *Sig<sup>a</sup>*      *Effect Size<sup>b</sup>*

*1=very little, 2=some, 3=quite a bit, 4=very much*

### Educational and Personal Growth

| <i>Var. Name</i>  | <i>Class</i> | <i>Mean</i> | <i>Mean</i> | <i>Sig<sup>a</sup></i> | <i>Effect Size<sup>b</sup></i> | <i>Mean</i> | <i>Sig<sup>a</sup></i> | <i>Effect Size<sup>b</sup></i> |
|---|--------------|-------------|-------------|------------------------|--------------------------------|-------------|------------------------|--------------------------------|
| Acquiring a broad general education                         | GNGENLED     | 1st Yr.     | 3.01        |                        |                                | 3.09        |                        |                                |
|   |              | Senior      | 2.99        |                        |                                | 3.25        | *                      | -.34                           |
| Acquiring job or work-related knowledge and skills          | GNWORK       | 1st Yr.     | 2.27        |                        |                                | 2.52        | *                      | -.26                           |
|   |              | Senior      | 2.60        |                        |                                | 3.01        | *                      | -.45                           |
| Writing clearly and effectively                             | GNWRITE      | 1st Yr.     | 2.95        |                        |                                | 2.85        |                        |                                |
|   |              | Senior      | 3.23        |                        |                                | 3.03        | *                      | .38                            |
| Speaking clearly and effectively                            | GNSPEAK      | 1st Yr.     | 2.38        |                        |                                | 2.59        |                        |                                |
|   |              | Senior      | 2.78        |                        |                                | 2.94        |                        |                                |
| Thinking critically and analytically                        | GNANALY      | 1st Yr.     | 3.12        |                        |                                | 3.09        |                        |                                |
|   |              | Senior      | 3.49        |                        |                                | 3.31        | *                      | .25                            |
| Analyzing quantitative problems                             | GNQUANT      | 1st Yr.     | 2.46        |                        |                                | 2.63        |                        |                                |
|   |              | Senior      | 2.73        |                        |                                | 2.90        |                        |                                |
| Using computing and information technology                  | GNCMPTS      | 1st Yr.     | 2.43        |                        |                                | 2.73        | *                      | -.32                           |
|   |              | Senior      | 2.61        |                        |                                | 3.00        | *                      | -.43                           |
| Working effectively with others                             | GNOTHERS     | 1st Yr.     | 2.68        |                        |                                | 2.82        |                        |                                |
|   |              | Senior      | 2.86        |                        |                                | 3.13        | *                      | -.32                           |
| Voting in local, state, or national elections               | GNCITIZN     | 1st Yr.     | 2.16        |                        |                                | 1.93        |                        |                                |
|   |              | Senior      | 2.19        |                        |                                | 1.90        | *                      | .29                            |
| Learning effectively on your own                            | GNINQ        | 1st Yr.     | 2.99        |                        |                                | 2.97        |                        |                                |
|   |              | Senior      | 3.11        |                        |                                | 3.11        |                        |                                |
| Understanding yourself                                      | GNSELF       | 1st Yr.     | 3.10        |                        |                                | 2.87        |                        |                                |
|   |              | Senior      | 3.11        |                        |                                | 3.01        |                        |                                |
| Understanding people of other racial and ethnic backgrounds | GNDIVERS     | 1st Yr.     | 2.98        |                        |                                | 2.58        | *                      | .40                            |
|   |              | Senior      | 2.79        |                        |                                | 2.63        |                        |                                |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

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|  | Var. Name | Class   | <i>Mean</i>  |             |                        | <i>Sig<sup>a</sup> Effect Size<sup>b</sup></i> |             |                        |                                |
|--|-----------|---------|--|-------------|------------------------|--|-------------|------------------------|--------------------------------|
|  |           |         | <i>Mean</i>  | <i>Mean</i> | <i>Sig<sup>a</sup></i> | <i>Effect Size<sup>b</sup></i>                 | <i>Mean</i> | <i>Sig<sup>a</sup></i> | <i>Effect Size<sup>b</sup></i> |
| <b>Educational and Personal Growth (continued)</b> |           |         | <i>1=very little, 2=some, 3=quite a bit, 4=very much</i> |             |                        |  |             |                        |                                |
| Developing a personal code of values and ethics    | GNETHICS  | 1st Yr. | 2.77   | 2.60        |                        |  | 2.64        |                        |                                |
|  |           | Senior  | 2.66   | 2.63        |                        |  | 2.71        |                        |                                |
| Contributing to the welfare of your community      | GNCOMMUN  | 1st Yr. | 2.17   | 2.07        |                        |  | 2.15        |                        |                                |
|  |           | Senior  | 2.42   | 2.20        |                        |  | 2.32        |                        |                                |

## OPINIONS ABOUT YOUR SCHOOL

### Institutional Emphases

*1=very little, 2=some, 3=quite a bit, 4=very much*

|  |          |         |      |      |   |      |      |   |      |
|--|----------|---------|------|------|---|------|------|---|------|
| Spending significant amounts of time studying and on academic work                                   | ENVSCHOL | 1st Yr. | 2.80 | 3.13 | * | -.41 | 3.15 | * | -.44 |
|  |          | Senior  | 3.10 | 3.07 |   |      | 3.12 |   |      |
| Providing the support you need to help you succeed academically                                      | ENVSUPRT | 1st Yr. | 2.89 | 2.87 |   |      | 3.00 |   |      |
|  |          | Senior  | 2.75 | 2.62 |   |      | 2.84 |   |      |
| Encouraging contact among students from different economic, social, and racial or ethnic backgrounds | ENVDIVRS | 1st Yr. | 2.75 | 2.50 |   |      | 2.54 |   |      |
|  |          | Senior  | 2.48 | 2.25 |   |      | 2.33 |   |      |
| Helping you cope with your non-academic responsibilities (work, family, etc.)                        | ENVNACAD | 1st Yr. | 1.95 | 1.94 |   |      | 2.08 |   |      |
|  |          | Senior  | 1.70 | 1.73 |   |      | 1.87 |   |      |
| Providing the support you need to thrive socially  | ENVSOCAL | 1st Yr. | 2.35 | 2.27 |   |      | 2.33 |   |      |
|  |          | Senior  | 1.95 | 1.99 |   |      | 2.09 |   |      |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

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*Var. Name Class Mean Mean Sig<sup>a</sup> Effect Size<sup>b</sup> Mean Sig<sup>a</sup> Effect Size<sup>b</sup>*

**Quality of Relationships**

*1=unfriendly, unsupportive, sense of alienation to 7=friendly, supportive, sense of belonging*

|                                   |        |         |      |      |  |      |
|-----------------------------------|--------|---------|------|------|--|------|
| Relationships with other students | ENVSTU | 1st Yr. | 5.67 | 5.67 |  | 5.69 |
|                                   |        | Senior  | 5.68 | 5.64 |  | 5.71 |

*1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic*

|                                    |        |         |      |      |       |      |
|------------------------------------|--------|---------|------|------|-------|------|
| Relationships with faculty members | ENVFAC | 1st Yr. | 5.27 | 5.12 |       | 5.39 |
|                                    |        | Senior  | 5.52 | 5.17 | * .27 | 5.52 |

*1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible*

|   |        |         |      |      |  |      |
|---|--------|---------|------|------|--|------|
| Relationships with administrative personnel and offices | ENVADM | 1st Yr. | 4.86 | 4.64 |  | 4.90 |
|   |        | Senior  | 4.65 | 4.26 |  | 4.56 |

**Satisfaction**

*1=poor, 2=fair, 3=good, 4=excellent*

|  |          |         |      |      |  |      |
|--|----------|---------|------|------|--|------|
| How would you evaluate your entire educational experience at this institution? | ENTIREXP | 1st Yr. | 3.15 | 3.16 |  | 3.19 |
|  |          | Senior  | 3.28 | 3.14 |  | 3.23 |

*1=definitely no, 2=probably no, 3=probably yes, 4=definitely yes*

|  |          |         |      |      |  |      |
|--|----------|---------|------|------|--|------|
| If you could start over again, would you go to the same institution you are now attending? | SAMECOLL | 1st Yr. | 3.14 | 3.23 |  | 3.19 |
|  |          | Senior  | 3.16 | 3.11 |  | 3.13 |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

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|          | mean          |                   |           | margin of error (95% level) <sup>a</sup> |                   |           | standard deviation <sup>b</sup> |                   |           | number of respondents |                   |           | significance <sup>c</sup> |           | effect size <sup>d</sup> |           |
|----------|---------------|-------------------|-----------|--|-------------------|-----------|---------------------------------|-------------------|-----------|-----------------------|-------------------|-----------|---------------------------|-----------|--------------------------|-----------|
|          | UC Santa Cruz | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                            | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                   | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz         | Doc/Res-Extensive | NSSE 2001 | Doc/Res-Extensive         | NSSE 2001 | Doc/Res-Extensive        | NSSE 2001 |
| CLQUEST  | 3.02          | 2.86              | 3.08      | .13                                      | .02               | .01       | .86                             | .86               | .85       | 169                   | 8,492             | 37,537    | .019                      | .359      | .18                      | -.07      |
| CLPRESEN | 2.39          | 2.57              | 2.79      | .11                                      | .02               | .01       | .76                             | .84               | .84       | 168                   | 8,494             | 37,514    | .004                      | .000      | -.21                     | -.48      |
| REWROPAP | 2.59          | 2.39              | 2.50      | .15                                      | .02               | .01       | .97                             | .98               | .98       | 169                   | 8,489             | 37,509    | .009                      | .241      | .20                      | .09       |
| INTEGRAT | 3.46          | 3.21              | 3.32      | .10                                      | .02               | .01       | .68                             | .76               | .73       | 169                   | 8,486             | 37,503    | .000                      | .008      | .33                      | .19       |
| CLUNPREP | 2.21          | 2.29              | 2.16      | .11                                      | .02               | .01       | .75                             | .79               | .75       | 169                   | 8,478             | 37,486    | .198                      | .329      | -.10                     | .08       |
| CLASSGRP | 2.14          | 2.42              | 2.51      | .12                                      | .02               | .01       | .80                             | .87               | .85       | 169                   | 8,477             | 37,468    | .000                      | .000      | -.33                     | -.43      |
| OCCGRP   | 2.64          | 2.73              | 2.73      | .12                                      | .02               | .01       | .80                             | .91               | .88       | 169                   | 8,483             | 37,495    | .174                      | .151      | -.09                     | -.10      |
| TUTOR    | 2.05          | 1.76              | 1.82      | .16                                      | .02               | .01       | 1.06                            | .90               | .93       | 169                   | 8,475             | 37,467    | .001                      | .007      | .32                      | .24       |
| COMMPROJ | 1.54          | 1.46              | 1.57      | .12                                      | .02               | .01       | .79                             | .76               | .81       | 169                   | 8,463             | 37,423    | .215                      | .587      | .10                      | -.04      |
| ITACADEM | 2.55          | 2.75              | 2.71      | .16                                      | .02               | .01       | 1.05                            | 1.03              | 1.04      | 168                   | 8,485             | 37,508    | .016                      | .050      | -.19                     | -.16      |
| EMAIL    | 3.27          | 3.14              | 2.95      | .12                                      | .02               | .01       | .80                             | .85               | .92       | 169                   | 8,480             | 37,483    | .029                      | .000      | .16                      | .36       |
| FACGRADE | 2.74          | 2.71              | 2.79      | .12                                      | .02               | .01       | .83                             | .84               | .84       | 169                   | 8,472             | 37,459    | .641                      | .450      | .04                      | -.06      |
| FACPLANS | 2.21          | 2.24              | 2.43      | .13                                      | .02               | .01       | .88                             | .91               | .94       | 169                   | 8,466             | 37,447    | .644                      | .001      | -.03                     | -.24      |
| FACIDEAS | 2.18          | 1.88              | 2.03      | .12                                      | .02               | .01       | .77                             | .81               | .86       | 169                   | 8,471             | 37,459    | .000                      | .016      | .36                      | .17       |
| FACFEED  | 2.83          | 2.67              | 2.80      | .11                                      | .02               | .01       | .74                             | .79               | .80       | 167                   | 8,475             | 37,474    | .007                      | .607      | .20                      | .04       |
| WORKHARD | 2.65          | 2.57              | 2.67      | .14                                      | .02               | .01       | .90                             | .83               | .84       | 168                   | 8,476             | 37,452    | .269                      | .810      | .09                      | -.02      |
| FACOTHER | 1.60          | 1.63              | 1.81      | .13                                      | .02               | .01       | .86                             | .86               | .94       | 169                   | 8,470             | 37,450    | .669                      | .001      | -.03                     | -.23      |
| OOCIDEAS | 3.18          | 2.81              | 2.87      | .12                                      | .02               | .01       | .78                             | .82               | .83       | 169                   | 8,478             | 37,495    | .000                      | .000      | .46                      | .38       |
| DIVRSTUD | 3.06          | 2.72              | 2.63      | .14                                      | .02               | .01       | .91                             | .98               | .98       | 167                   | 8,460             | 37,432    | .000                      | .000      | .35                      | .43       |
| DIFFSTUD | 3.08          | 2.86              | 2.84      | .13                                      | .02               | .01       | .86                             | .93               | .93       | 167                   | 8,444             | 37,409    | .002                      | .000      | .23                      | .26       |
| MEMORIZE | 2.69          | 2.85              | 2.77      | .15                                      | .02               | .01       | .99                             | .93               | .94       | 167                   | 8,467             | 37,469    | .043                      | .319      | -.17                     | -.08      |
| ANALYZE  | 3.46          | 3.24              | 3.28      | .10                                      | .02               | .01       | .69                             | .75               | .74       | 168                   | 8,470             | 37,452    | .000                      | .001      | .28                      | .25       |
| SYNTHESZ | 3.24          | 2.97              | 3.04      | .13                                      | .02               | .01       | .82                             | .87               | .85       | 164                   | 8,458             | 37,429    | .000                      | .002      | .31                      | .23       |
| EVALUATE | 2.95          | 2.84              | 2.92      | .15                                      | .02               | .01       | .98                             | .91               | .90       | 167                   | 8,465             | 37,424    | .148                      | .700      | .12                      | .03       |
| APPLYING | 3.07          | 3.12              | 3.16      | .13                                      | .02               | .01       | .86                             | .87               | .84       | 167                   | 8,454             | 37,425    | .409                      | .145      | -.06                     | -.12      |
| READASGN | 3.83          | 3.26              | 3.28      | .15                                      | .02               | .01       | .98                             | 1.02              | 1.04      | 167                   | 8,428             | 37,200    | .000                      | .000      | .56                      | .53       |
| READOWN  | 2.33          | 2.20              | 2.20      | .17                                      | .02               | .01       | 1.08                            | .99               | .98       | 165                   | 8,431             | 37,246    | .130                      | .126      | .13                      | .13       |
| WRITEMOR | 1.69          | 1.58              | 1.64      | .12                                      | .02               | .01       | .78                             | .74               | .75       | 165                   | 8,415             | 37,206    | .073                      | .411      | .15                      | .07       |
| WRITEMID | 3.08          | 2.57              | 2.66      | .16                                      | .02               | .01       | 1.05                            | .96               | .97       | 167                   | 8,418             | 37,243    | .000                      | .000      | .53                      | .43       |
| WRITESML | 3.06          | 3.03              | 3.12      | .18                                      | .02               | .01       | 1.15                            | 1.17              | 1.19      | 166                   | 8,428             | 37,221    | .724                      | .539      | .03                      | -.05      |
| EXAMS    | 5.29          | 5.43              | 5.53      | .21                                      | .03               | .01       | 1.37                            | 1.19              | 1.18      | 167                   | 8,425             | 37,245    | .203                      | .027      | -.11                     | -.20      |
| ADVISE   | 2.89          | 2.60              | 2.83      | .13                                      | .02               | .01       | .85                             | .96               | .95       | 166                   | 8,423             | 37,248    | .000                      | .391      | .30                      | .06       |
| ACADPR01 | 4.70          | 4.08              | 4.10      | .27                                      | .04               | .02       | 1.80                            | 1.80              | 1.80      | 166                   | 8,407             | 37,203    | .000                      | .000      | .34                      | .33       |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

<sup>b</sup> Effect size=mean difference divided by the standard deviation of the comparison group.



# National Survey of Student Engagement

The College Student Report

# NSSE 2001 Summary Statistics University of California, Santa Cruz Seniors

|           | mean          |                   |           | margin of error (95% level) <sup>a</sup> |                   |           | standard deviation <sup>b</sup> |                   |           | number of respondents |                   |           | significance <sup>c</sup> |           | effect size <sup>d</sup> |           |
|-----------|---------------|-------------------|-----------|--|-------------------|-----------|---------------------------------|-------------------|-----------|-----------------------|-------------------|-----------|---------------------------|-----------|--------------------------|-----------|
|           | UC Santa Cruz | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                            | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                   | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz         | Doc/Res-Extensive | NSSE 2001 | Doc/Res-Extensive         | NSSE 2001 | Doc/Res-Extensive        | NSSE 2001 |
| WORKON01  | 1.86          | 1.95              | 1.87      | .20                                      | .04               | .02       | 1.34                            | 1.67              | 1.53      | 168                   | 8,404             | 37,179    | .392                      | .924      | -.05                     | -.01      |
| WORKOF01  | 2.89          | 3.43              | 3.62      | .33                                      | .06               | .03       | 2.16                            | 2.60              | 2.71      | 165                   | 8,391             | 37,129    | .002                      | .000      | -.21                     | -.27      |
| COCURR01  | 1.73          | 2.10              | 2.21      | .18                                      | .03               | .02       | 1.19                            | 1.44              | 1.54      | 168                   | 8,418             | 37,224    | .000                      | .000      | -.26                     | -.31      |
| SOCIAL01  | 3.92          | 3.94              | 3.77      | .25                                      | .04               | .02       | 1.64                            | 1.74              | 1.70      | 165                   | 8,412             | 37,222    | .840                      | .246      | -.01                     | .09       |
| CAREDE01  | 1.77          | 1.96              | 2.25      | .26                                      | .04               | .02       | 1.74                            | 1.95              | 2.25      | 168                   | 8,408             | 37,203    | .152                      | .000      | -.10                     | -.21      |
| NGNGENLED | 2.99          | 3.14              | 3.25      | .13                                      | .02               | .01       | .87                             | .81               | .78       | 167                   | 8,392             | 37,166    | .023                      | .000      | -.19                     | -.34      |
| GNWORK    | 2.60          | 2.93              | 3.01      | .14                                      | .02               | .01       | .91                             | .94               | .91       | 166                   | 8,396             | 37,138    | .000                      | .000      | -.35                     | -.45      |
| GNWRITE   | 3.23          | 2.90              | 3.03      | .12                                      | .02               | .01       | .77                             | .86               | .84       | 168                   | 8,395             | 37,162    | .000                      | .001      | .38                      | .24       |
| GNSPEAK   | 2.78          | 2.78              | 2.94      | .14                                      | .02               | .01       | .92                             | .89               | .87       | 168                   | 8,394             | 37,146    | .962                      | .029      | .00                      | -.18      |
| GNANALY   | 3.49          | 3.24              | 3.31      | .10                                      | .02               | .01       | .67                             | .77               | .75       | 168                   | 8,396             | 37,174    | .000                      | .001      | .33                      | .25       |
| GNQUANT   | 2.73          | 2.89              | 2.90      | .15                                      | .02               | .01       | .98                             | .90               | .89       | 168                   | 8,385             | 37,115    | .038                      | .025      | -.18                     | -.19      |
| GNCMPTS   | 2.61          | 3.04              | 3.00      | .15                                      | .02               | .01       | .99                             | .92               | .91       | 168                   | 8,399             | 37,165    | .000                      | .000      | -.47                     | -.43      |
| GNOTHERS  | 2.86          | 3.04              | 3.13      | .13                                      | .02               | .01       | .87                             | .87               | .84       | 168                   | 8,397             | 37,146    | .012                      | .000      | -.20                     | -.32      |
| GNCITIZN  | 2.19          | 1.81              | 1.90      | .16                                      | .02               | .01       | 1.09                            | .97               | 1.01      | 168                   | 8,380             | 37,075    | .000                      | .001      | .39                      | .29       |
| GNINQ     | 3.11          | 3.07              | 3.11      | .13                                      | .02               | .01       | .87                             | .86               | .84       | 167                   | 8,377             | 37,076    | .532                      | .964      | .05                      | .00       |
| GNSSELF   | 3.11          | 2.94              | 3.01      | .14                                      | .02               | .01       | .92                             | .97               | .95       | 167                   | 8,371             | 37,033    | .016                      | .133      | .18                      | .11       |
| GNDIVERS  | 2.79          | 2.65              | 2.63      | .15                                      | .02               | .01       | 1.01                            | .99               | 1.01      | 168                   | 8,387             | 37,113    | .066                      | .036      | .15                      | .16       |
| GNETHICS  | 2.66          | 2.63              | 2.71      | .17                                      | .02               | .01       | 1.09                            | 1.04              | 1.03      | 167                   | 8,382             | 37,102    | .752                      | .538      | .03                      | -.05      |
| GNCOMMUN  | 2.42          | 2.20              | 2.32      | .15                                      | .02               | .01       | 1.02                            | .98               | 1.00      | 168                   | 8,385             | 37,104    | .006                      | .215      | .22                      | .10       |
| ENVSCHOL  | 3.10          | 3.07              | 3.12      | .13                                      | .02               | .01       | .87                             | .79               | .77       | 168                   | 8,384             | 37,122    | .662                      | .699      | .04                      | -.03      |
| ENVSUPRT  | 2.75          | 2.62              | 2.84      | .13                                      | .02               | .01       | .82                             | .87               | .87       | 167                   | 8,397             | 37,130    | .045                      | .169      | .15                      | -.10      |
| ENVDIVRS  | 2.48          | 2.25              | 2.33      | .15                                      | .02               | .01       | .99                             | .98               | .98       | 165                   | 8,386             | 37,082    | .003                      | .054      | .24                      | .15       |
| ENVNACAD  | 1.70          | 1.73              | 1.87      | .13                                      | .02               | .01       | .83                             | .84               | .90       | 166                   | 8,390             | 37,103    | .662                      | .008      | -.03                     | -.19      |
| ENVSOCAL  | 1.95          | 1.99              | 2.09      | .13                                      | .02               | .01       | .86                             | .91               | .93       | 167                   | 8,385             | 37,070    | .468                      | .038      | -.05                     | -.15      |
| ENVSTU    | 5.68          | 5.64              | 5.71      | .20                                      | .03               | .01       | 1.32                            | 1.30              | 1.27      | 168                   | 8,412             | 37,238    | .653                      | .808      | .04                      | -.02      |
| ENVFAC    | 5.52          | 5.17              | 5.52      | .19                                      | .03               | .01       | 1.24                            | 1.33              | 1.29      | 166                   | 8,407             | 37,232    | .000                      | .930      | .27                      | .01       |
| ENVADM    | 4.65          | 4.26              | 4.56      | .25                                      | .04               | .02       | 1.66                            | 1.64              | 1.64      | 168                   | 8,403             | 37,205    | .003                      | .477      | .24                      | .06       |
| ENTIREXP  | 3.28          | 3.14              | 3.23      | .10                                      | .02               | .01       | .64                             | .72               | .70       | 164                   | 8,401             | 37,174    | .006                      | .360      | .20                      | .07       |
| SAMECOLL  | 3.16          | 3.11              | 3.13      | .12                                      | .02               | .01       | .79                             | .85               | .85       | 165                   | 8,402             | 37,162    | .475                      | .634      | .05                      | .03       |

<sup>a</sup> The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

<sup>b</sup> Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

<sup>c</sup> This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>d</sup> Effect size is calculated by dividing the difference between the means by the standard deviation of the comparison group.

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

<sup>b</sup> Effect size=mean difference divided by the standard deviation of the comparison group.



# National Survey of Student Engagement

The College Student Report

# NSSE 2001 Summary Statistics University of California, Santa Cruz First-Year Students

|          | mean          |                   |           | margin of error (95% level) <sup>a</sup> |                   |           | standard deviation <sup>b</sup> |                   |           | number of respondents |                   |           | significance <sup>c</sup> |           | effect size <sup>d</sup> |           |
|----------|---------------|-------------------|-----------|--|-------------------|-----------|---------------------------------|-------------------|-----------|-----------------------|-------------------|-----------|---------------------------|-----------|--------------------------|-----------|
|          | UC Santa Cruz | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                            | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                   | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz         | Doc/Res-Extensive | NSSE 2001 | Doc/Res-Extensive         | NSSE 2001 | Doc/Res-Extensive        | NSSE 2001 |
| CLQUEST  | 2.63          | 2.63              | 2.79      | .13                                      | .02               | .01       | .86                             | .82               | .84       | 169                   | 8,027             | 33,827    | .905                      | .018      | .01                      | -.19      |
| CLPRESEN | 2.02          | 2.01              | 2.18      | .09                                      | .02               | .01       | .61                             | .75               | .77       | 168                   | 8,020             | 33,792    | .901                      | .001      | .01                      | -.20      |
| REWROPAP | 2.62          | 2.64              | 2.70      | .16                                      | .02               | .01       | 1.04                            | 1.01              | .99       | 169                   | 8,019             | 33,796    | .829                      | .346      | -.02                     | -.08      |
| INTEGRAT | 3.11          | 2.93              | 3.01      | .12                                      | .02               | .01       | .81                             | .81               | .80       | 169                   | 8,016             | 33,777    | .005                      | .139      | .22                      | .12       |
| CLUNPREP | 2.20          | 2.20              | 2.09      | .13                                      | .02               | .01       | .83                             | .77               | .74       | 167                   | 8,013             | 33,767    | .957                      | .093      | .00                      | .15       |
| CLASSGRP | 2.24          | 2.39              | 2.42      | .14                                      | .02               | .01       | .90                             | .81               | .81       | 169                   | 8,019             | 33,765    | .035                      | .009      | -.18                     | -.22      |
| OCCGRP   | 2.23          | 2.31              | 2.35      | .12                                      | .02               | .01       | .78                             | .84               | .84       | 168                   | 8,026             | 33,792    | .197                      | .058      | -.09                     | -.14      |
| TUTOR    | 1.65          | 1.63              | 1.63      | .13                                      | .02               | .01       | .89                             | .80               | .81       | 169                   | 8,022             | 33,776    | .800                      | .783      | .02                      | .02       |
| COMMPROJ | 1.22          | 1.30              | 1.37      | .10                                      | .01               | .01       | .65                             | .64               | .69       | 169                   | 8,009             | 33,731    | .162                      | .005      | -.11                     | -.21      |
| ITACADEM | 2.61          | 2.65              | 2.58      | .17                                      | .02               | .01       | 1.12                            | 1.05              | 1.07      | 169                   | 8,020             | 33,782    | .660                      | .693      | -.04                     | .03       |
| EMAIL    | 2.98          | 2.94              | 2.77      | .12                                      | .02               | .01       | .80                             | .86               | .93       | 169                   | 8,026             | 33,773    | .549                      | .001      | .04                      | .22       |
| FACGRADE | 2.43          | 2.50              | 2.56      | .12                                      | .02               | .01       | .81                             | .82               | .83       | 168                   | 8,013             | 33,755    | .269                      | .052      | -.08                     | -.15      |
| FACPLANS | 1.73          | 2.02              | 2.11      | .12                                      | .02               | .01       | .79                             | .83               | .86       | 166                   | 8,018             | 33,759    | .000                      | .000      | -.36                     | -.44      |
| FACIDEAS | 1.80          | 1.65              | 1.75      | .12                                      | .02               | .01       | .79                             | .76               | .80       | 169                   | 8,019             | 33,754    | .013                      | .382      | .20                      | .07       |
| FACFEED  | 2.55          | 2.54              | 2.61      | .14                                      | .02               | .01       | .90                             | .83               | .84       | 167                   | 8,013             | 33,730    | .900                      | .409      | .01                      | -.07      |
| WORKHARD | 2.37          | 2.54              | 2.58      | .12                                      | .02               | .01       | .83                             | .86               | .84       | 169                   | 8,007             | 33,754    | .009                      | .001      | -.20                     | -.25      |
| FACOTHER | 1.38          | 1.38              | 1.51      | .11                                      | .01               | .01       | .72                             | .68               | .78       | 168                   | 8,005             | 33,734    | .962                      | .020      | .00                      | -.17      |
| OOCIDEAS | 2.91          | 2.68              | 2.73      | .13                                      | .02               | .01       | .84                             | .85               | .85       | 169                   | 8,014             | 33,761    | .001                      | .007      | .27                      | .21       |
| DIVRSTUD | 3.05          | 2.72              | 2.65      | .14                                      | .02               | .01       | .96                             | 1.01              | 1.02      | 167                   | 8,004             | 33,721    | .000                      | .000      | .32                      | .39       |
| DIFFSTUD | 3.21          | 2.94              | 2.90      | .14                                      | .02               | .01       | .91                             | .94               | .96       | 169                   | 8,007             | 33,717    | .000                      | .000      | .28                      | .32       |
| MEMORIZE | 2.90          | 3.02              | 2.94      | .14                                      | .02               | .01       | .95                             | .84               | .87       | 168                   | 8,005             | 33,735    | .125                      | .678      | -.13                     | -.03      |
| ANALYZE  | 3.36          | 3.12              | 3.13      | .10                                      | .02               | .01       | .68                             | .78               | .78       | 169                   | 8,005             | 33,720    | .000                      | .000      | .31                      | .30       |
| SYNTHESZ | 3.00          | 2.81              | 2.84      | .13                                      | .02               | .01       | .83                             | .87               | .86       | 169                   | 7,995             | 33,674    | .003                      | .013      | .22                      | .19       |
| EVALUATE | 2.89          | 2.70              | 2.78      | .14                                      | .02               | .01       | .90                             | .89               | .88       | 169                   | 7,996             | 33,689    | .010                      | .127      | .21                      | .12       |
| APPLYING | 2.85          | 2.98              | 2.97      | .14                                      | .02               | .01       | .96                             | .88               | .88       | 169                   | 7,999             | 33,685    | .078                      | .122      | -.15                     | -.13      |
| READASGN | 3.63          | 3.43              | 3.43      | .15                                      | .02               | .01       | .99                             | .96               | .98       | 168                   | 7,940             | 33,444    | .008                      | .010      | .22                      | .20       |
| READOWN  | 1.91          | 1.96              | 1.99      | .13                                      | .02               | .01       | .89                             | .85               | .87       | 169                   | 7,944             | 33,486    | .478                      | .228      | -.06                     | -.10      |
| WRITEMOR | 1.23          | 1.18              | 1.21      | .10                                      | .01               | .01       | .64                             | .52               | .57       | 168                   | 7,932             | 33,439    | .334                      | .770      | .09                      | .03       |
| WRITEMID | 2.93          | 2.36              | 2.41      | .15                                      | .02               | .01       | .99                             | .87               | .89       | 169                   | 7,934             | 33,445    | .000                      | .000      | .66                      | .58       |
| WRITESML | 3.09          | 3.13              | 3.25      | .14                                      | .02               | .01       | .94                             | 1.06              | 1.07      | 169                   | 7,932             | 33,467    | .553                      | .028      | -.04                     | -.15      |
| EXAMS    | 5.40          | 5.65              | 5.61      | .17                                      | .02               | .01       | 1.10                            | 1.08              | 1.08      | 169                   | 7,950             | 33,498    | .004                      | .013      | -.23                     | -.20      |
| ADVISE   | 2.78          | 2.78              | 2.91      | .12                                      | .02               | .01       | .81                             | .88               | .86       | 167                   | 7,925             | 33,419    | .916                      | .049      | .01                      | -.15      |
| ACADPR01 | 3.82          | 4.18              | 4.08      | .25                                      | .04               | .02       | 1.64                            | 1.77              | 1.74      | 168                   | 7,940             | 33,420    | .005                      | .040      | -.20                     | -.15      |

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

<sup>b</sup> Effect size=mean difference divided by the standard deviation of the comparison group.



# National Survey of Student Engagement

The College Student Report

# NSSE 2001 Summary Statistics University of California, Santa Cruz First-Year Students

|           | mean          |                   |           | margin of error (95% level) <sup>a</sup> |                   |           | standard deviation <sup>b</sup> |                   |           | number of respondents |                   |           | significance <sup>c</sup> |           | effect size <sup>d</sup> |           |
|-----------|---------------|-------------------|-----------|--|-------------------|-----------|---------------------------------|-------------------|-----------|-----------------------|-------------------|-----------|---------------------------|-----------|--------------------------|-----------|
|           | UC Santa Cruz | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                            | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz                   | Doc/Res-Extensive | NSSE 2001 | UC Santa Cruz         | Doc/Res-Extensive | NSSE 2001 | Doc/Res-Extensive         | NSSE 2001 | Doc/Res-Extensive        | NSSE 2001 |
| WORKON01  | 1.44          | 1.54              | 1.61      | .13                                      | .03               | .01       | .86                             | 1.21              | 1.20      | 169                   | 7,941             | 33,422    | .148                      | .013      | -.08                     | -.14      |
| WORKOF01  | 1.63          | 2.06              | 2.35      | .22                                      | .04               | .02       | 1.48                            | 1.96              | 2.20      | 169                   | 7,926             | 33,344    | .000                      | .000      | -.22                     | -.33      |
| COCURR01  | 1.95          | 2.23              | 2.32      | .21                                      | .03               | .02       | 1.40                            | 1.47              | 1.54      | 169                   | 7,926             | 33,407    | .011                      | .001      | -.19                     | -.24      |
| SOCIAL01  | 4.46          | 4.29              | 4.12      | .31                                      | .04               | .02       | 2.07                            | 1.85              | 1.82      | 167                   | 7,927             | 33,373    | .309                      | .036      | .09                      | .19       |
| CAREDE01  | 1.09          | 1.41              | 1.58      | .06                                      | .03               | .02       | .41                             | 1.23              | 1.49      | 169                   | 7,930             | 33,428    | .000                      | .000      | -.25                     | -.33      |
| NGNGENLED | 3.01          | 3.04              | 3.09      | .12                                      | .02               | .01       | .81                             | .79               | .78       | 168                   | 7,893             | 33,275    | .713                      | .230      | -.03                     | -.10      |
| GNWORK    | 2.27          | 2.45              | 2.52      | .14                                      | .02               | .01       | .89                             | .94               | .94       | 168                   | 7,883             | 33,236    | .012                      | .001      | -.19                     | -.26      |
| GNWRITE   | 2.95          | 2.73              | 2.85      | .13                                      | .02               | .01       | .87                             | .88               | .86       | 167                   | 7,886             | 33,274    | .002                      | .165      | .24                      | .11       |
| GNSPEAK   | 2.38          | 2.43              | 2.59      | .15                                      | .02               | .01       | .98                             | .92               | .92       | 167                   | 7,889             | 33,266    | .529                      | .007      | -.05                     | -.23      |
| GNANALY   | 3.12          | 3.05              | 3.09      | .12                                      | .02               | .01       | .81                             | .82               | .81       | 167                   | 7,891             | 33,291    | .290                      | .627      | .08                      | .04       |
| GNQUANT   | 2.46          | 2.67              | 2.63      | .14                                      | .02               | .01       | .93                             | .91               | .90       | 167                   | 7,870             | 33,200    | .005                      | .022      | -.23                     | -.19      |
| GNCMPTS   | 2.43          | 2.77              | 2.73      | .16                                      | .02               | .01       | 1.09                            | .98               | .97       | 168                   | 7,883             | 33,281    | .000                      | .000      | -.35                     | -.32      |
| GNOTHERS  | 2.68          | 2.71              | 2.82      | .14                                      | .02               | .01       | .95                             | .89               | .88       | 167                   | 7,887             | 33,251    | .686                      | .064      | -.03                     | -.16      |
| GNCITIZN  | 2.16          | 1.87              | 1.93      | .16                                      | .02               | .01       | 1.05                            | .97               | 1.00      | 168                   | 7,880             | 33,210    | .000                      | .004      | .30                      | .23       |
| GNINQ     | 2.99          | 2.98              | 2.97      | .12                                      | .02               | .01       | .79                             | .87               | .85       | 166                   | 7,867             | 33,196    | .896                      | .787      | .01                      | .02       |
| GNSSELF   | 3.10          | 2.84              | 2.87      | .14                                      | .02               | .01       | .94                             | .96               | .95       | 168                   | 7,868             | 33,164    | .001                      | .002      | .26                      | .23       |
| GNDIVERS  | 2.98          | 2.59              | 2.58      | .15                                      | .02               | .01       | .99                             | .99               | 1.00      | 165                   | 7,885             | 33,249    | .000                      | .000      | .40                      | .40       |
| GNETHICS  | 2.77          | 2.60              | 2.64      | .15                                      | .02               | .01       | .96                             | 1.02              | 1.01      | 167                   | 7,883             | 33,240    | .022                      | .084      | .17                      | .13       |
| GNCOMMUN  | 2.17          | 2.07              | 2.15      | .15                                      | .02               | .01       | .97                             | .94               | .96       | 166                   | 7,885             | 33,219    | .178                      | .765      | .11                      | .02       |
| ENVSCHOL  | 2.80          | 3.13              | 3.15      | .11                                      | .02               | .01       | .75                             | .79               | .78       | 167                   | 7,889             | 33,275    | .000                      | .000      | -.41                     | -.44      |
| ENVSUPRT  | 2.89          | 2.87              | 3.00      | .13                                      | .02               | .01       | .86                             | .86               | .85       | 165                   | 7,880             | 33,251    | .797                      | .111      | .02                      | -.13      |
| ENVDIVRS  | 2.75          | 2.50              | 2.54      | .16                                      | .02               | .01       | 1.05                            | .99               | 1.00      | 168                   | 7,871             | 33,217    | .003                      | .010      | .25                      | .21       |
| ENVNACAD  | 1.95          | 1.94              | 2.08      | .13                                      | .02               | .01       | .85                             | .90               | .94       | 168                   | 7,879             | 33,234    | .857                      | .060      | .01                      | -.13      |
| ENVSOCAL  | 2.35          | 2.27              | 2.33      | .14                                      | .02               | .01       | .92                             | .95               | .95       | 166                   | 7,876             | 33,223    | .284                      | .736      | .08                      | .03       |
| ENVSTU    | 5.67          | 5.67              | 5.69      | .20                                      | .03               | .01       | 1.35                            | 1.29              | 1.29      | 167                   | 7,903             | 33,344    | .991                      | .889      | .00                      | -.01      |
| ENVFAC    | 5.27          | 5.12              | 5.39      | .19                                      | .03               | .01       | 1.27                            | 1.26              | 1.24      | 168                   | 7,898             | 33,325    | .144                      | .203      | .12                      | -.10      |
| ENVADM    | 4.86          | 4.64              | 4.90      | .21                                      | .03               | .02       | 1.36                            | 1.47              | 1.47      | 168                   | 7,897             | 33,294    | .048                      | .666      | .14                      | -.03      |
| ENTIREXP  | 3.15          | 3.16              | 3.19      | .11                                      | .02               | .01       | .73                             | .69               | .69       | 167                   | 7,894             | 33,292    | .835                      | .447      | -.02                     | -.06      |
| SAMECOLL  | 3.14          | 3.23              | 3.19      | .13                                      | .02               | .01       | .87                             | .80               | .82       | 167                   | 7,885             | 33,254    | .181                      | .432      | -.11                     | -.06      |

<sup>a</sup> The margin of error surrounding the reported mean forms a 95% confidence interval - a range of values with a 95% likelihood to contain the true population mean.

<sup>b</sup> Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

<sup>c</sup> This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>d</sup> Effect size is calculated by dividing the difference between the means by the standard deviation of the comparison group.

<sup>a</sup> Independent sample t-tests, 2-tailed, \*p<.001. See summary statistics on pages 8-11.

<sup>b</sup> Effect size=mean difference divided by the standard deviation of the comparison group.