## National Survey of Student Engagement

## California State University, Fresno

Mean Comparisons
August 2007

## National Survey of Student Engagement

## Sample

The Mean Comparisons report is based on information from all randomly selected students for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included in this report.

## Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument. The name of each variable appears in the second column for easy reference to your data file and the summary statistics at the end of this section. Response options are also provided to help you interpret the statistics.

## Benchmark

Items that comprise the five "Benchmarks of Effective Educational Practice" are indicated by the following: LAC=Level of Academic
Challenge
ACL=Active and Collaborative Learning SFI=Student-Faculty Interaction
EEE=Enriching Educational Experiences
SCE=Supportive Campus Environment

## Mean

The mean is the weighted arithmetic average of student responses on a particular item. Means are provided for your institution and all comparison groups. For more information about weighting go to: www.nsse.iub.edu/2007_Institutional_Report/NSSE_2007_Weighting.cfm

## Class

Results are reported separately for first-year students (FY) and seniors (SR). Institution-reported class ranks are used.

Interpreting the Mean Comparisons Report

## Statistical Significance

Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to 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. Statistical significance does not guarantee the result is substantive or important. Large sample sizes (like those produced by NSSE) tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to consult effect sizes (see below) to judge the practical meaning of the results.


## Effect Size

Effect size indicates the "practical significance" of the mean difference. It is calculated by dividing the mean difference by the standard deviation of the group with which the institution is being compared. 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 your 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. An exception to this interpretation is the "coming to class unprepared" item (item 1f.) where a negative sign is preferred (i.e., meaning fewer students reporting coming to class unprepared).

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# NSSE 2007 Mean Comparisons <br> California State University, Fresno 



[^1]
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Fresno State compared with:

[^2]
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8. Quality of Relationships

|  | students | ENVSTU | SCE | FY | 5.38 | 5.34 |  | . 02 | 5.47 |  | -. 07 | 5.53 | * | -. 11 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | SR | 5.52 | 5.40 | * | . 09 | 5.63 |  | -. 08 | 5.63 |  | -. 08 |
| $1=$ unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Relationships with faculty members | ENVFAC | SCE | FY | 5.03 | 5.00 |  | . 02 | 5.23 | ** | -. 15 | 5.19 | ** | -. 12 |
|  | , |  |  | SR | 5.21 | 5.17 |  | . 03 | 5.46 | *** | -. 19 | 5.41 | *** | -. 15 |
| 1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| c. | Relationships with administrative personnel and | ENVADM | SCE | FY | 4.45 | 4.40 |  | . 04 | 4.64 | ** | -. 12 | 4.64 | ** | -. 12 |
|  | offices |  |  | SR | 4.24 | 4.35 |  | -. 06 | 4.57 | *** | -. 19 | 4.54 | *** | -. 18 |

[^3]
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[^4]
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# NSSE 2007 Mean Comparisons California State University, Fresno 

|  | Variable | $\begin{gathered} \text { Bench- } \\ \text { mark } \end{gathered}$ | Class |
| :---: | :---: | :---: | :---: |
| d. Helping you cope with your non-academic responsibilities (work, family, etc.) | ENVNACAD | SCE | $\begin{aligned} & \text { FY } \\ & \text { SR } \end{aligned}$ |
| e. Providing the support you need to thrive socially | ENVSOCAL | SCE | $\begin{aligned} & \text { FY } \\ & \text { SR } \end{aligned}$ |
| Attending campus events and activities (special <br> f. speakers, cultural performances, athletic events, etc.) | ENVEVENT |  | FY SR |
| g. Using computers in academic work | ENVCOMPT |  | FY SR |


|  |  |  |  |  | no St | cor | d w |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fresno State | Sele | ed P |  | Carn | gie | ers |  | E 20 |  |
| Class | Mean ${ }^{\text {a }}$ | Mean ${ }^{\text {a }}$ | Sig ${ }^{\text {b }}$ | $\begin{aligned} & \text { Effect } \\ & \text { Size } \end{aligned}$ | Mean ${ }^{\text {a }}$ | Sig ${ }^{\text {b }}$ | $\begin{gathered} \text { Effect } \\ S_{i z e} \end{gathered}$ | Mean ${ }^{\text {a }}$ | Sig ${ }^{\text {b }}$ | $\begin{gathered} \text { Effect } \\ \text { Size }{ }^{c} \end{gathered}$ |
| FY | 2.15 | 2.07 |  | . 09 | 2.17 |  | -. 02 | 2.16 |  | -. 01 |
| SR | 1.78 | 1.84 |  | -. 07 | 1.93 | *** | -. 17 | 1.91 | *** | -. 15 |
| FY | 2.31 | 2.30 |  | . 01 | 2.40 | * | -. 09 | 2.41 | * | -. 11 |
| SR | 1.98 | 2.02 |  | -. 05 | 2.14 | *** | -. 18 | 2.17 | *** | -. 21 |
| FY | 2.46 | 2.58 | ** | -. 13 | 2.70 | *** | -. 25 | 2.79 | *** | -. 36 |
| SR | 2.40 | 2.36 |  | . 05 | 2.46 |  | -. 06 | 2.58 | *** | -. 18 |
| FY | 3.31 | 3.29 |  | . 02 | 3.29 |  | . 02 | 3.32 |  | -. 01 |
| SR | 3.48 | 3.45 |  | . 05 | 3.44 |  | . 05 | 3.47 |  | . 02 |

11. Educational and Personal Growth

| a. | Acquiring a broad general education | GNGENLED | FY | 3.10 | 3.07 |  | . 04 | 3.11 |  | -. 01 | 3.13 |  | -. 03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | SR | 3.22 | 3.15 |  | . 08 | 3.23 |  | -. 01 | 3.24 |  | -. 03 |
| Acquiring job or work-related knowledge and skills |  | GNWORK | FY | 2.56 | 2.53 |  | . 04 | 2.70 | ** | -. 14 | 2.73 | *** | -. 18 |
|  |  | SR | 2.98 | 2.87 | ** | . 11 | 3.04 |  | -. 06 | 3.02 |  | -. 05 |
| c. |  |  | GNWRITE | FY | 2.98 | 2.90 | * | . 09 | 2.99 |  | -. 01 | 2.95 |  | . 04 |
|  |  | SR |  | 3.06 | 3.02 |  | . 04 | 3.08 |  | -. 02 | 3.06 |  | . 00 |
| d. | ffectivel | GNSPEAK | FY | 2.95 | 2.71 | *** | . 26 | 2.83 | ** | . 14 | 2.76 | *** | . 21 |
|  |  |  | SR | 2.92 | 2.86 |  | . 07 | 2.99 |  | -. 08 | 2.95 |  | -. 03 |
|  | hinking critically and | GNANALY | FY | 3.15 | 3.15 |  | . 01 | 3.14 |  | . 01 | 3.17 |  | -. 02 |
|  |  |  | SR | 3.24 | 3.30 |  | -. 07 | 3.31 | * | -. 09 | 3.33 | ** | -. 12 |
| f. | Analyzing quantitative problems | GNQUANT | FY | 2.89 | 2.90 |  | . 00 | 2.87 |  | . 03 | 2.89 |  | . 00 |
|  |  |  | SR | 2.96 | 3.00 |  | -. 05 | 3.01 |  | -. 06 | 3.04 | * | -. 09 |
| g. | Using computing and information technology | GNCMPTS | FY | 2.88 | 2.91 |  | -. 04 | 2.99 | ** | -. 13 | 3.01 | ** | -. 15 |
|  |  |  | SR | 3.15 | 3.14 |  | . 02 | 3.19 |  | -. 04 | 3.20 |  | -. 05 |
| h. | Working effectively with othe | GNOTHERS | FY | 2.94 | 2.85 | * | . 10 | 2.94 |  | . 00 | 2.93 |  | . 01 |
|  |  |  | SR | 3.04 | 3.03 |  | . 01 | 3.14 | ** | -. 11 | 3.12 | * | -. 10 |

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[^6]|  | National Survey of Student Engagement |  |  |  |  | NSSE 2007 Detailed Statistics ${ }^{\text {a }}$ <br> fornia State University，Fresno <br> First－Year Students |  |  |  |  |  |  |  |  |  |  |  |  |  | Effect Size ${ }^{\text {f }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | N | Mean |  |  |  | Standard Error of the Mean ${ }^{\text {b }}$ |  |  |  | Standard Deviation ${ }^{\text {c }}$ |  |  |  | Degrees of Freedom ${ }^{\text {d }}$ |  |  | Significance ${ }^{e}$ <br> Fresno State |  |  |  |  |  |
|  |  |  |  |  | $\begin{aligned} & \text { ò } \\ & \text { M } \\ & \text { N } \\ & \hline \end{aligned}$ |  |  |  | $\begin{aligned} & \text { ⿳亠口冋口木 } \\ & \text { H} \\ & \text { Zn } \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  | resno Sta pared w粊品 |  |  | sno State pared with譄器 | $\begin{aligned} & \text { ö̀ } \\ & \text { H్w } \\ & \stackrel{y}{\omega} \\ & \hline \end{aligned}$ |
| CLQUEST | 562 | 2.62 | 2.61 | 2.78 | 2.74 | ． 03 | ． 01 | ． 00 | ． 00 | ． 79 | ． 82 | ． 84 | ． 84 | 10，879 | 40，706 | 566 | ． 665 | ． 000 | ． 000 | ． 02 | －． 19 | －． 14 |
| CLPRESEN | 562 | 2.62 | 2.20 | 2.28 | 2.21 | ． 03 | ． 01 | ． 00 | ． 00 | ． 74 | ． 79 | ． 80 | ． 80 | 10，876 | 40，703 | 148，521 | ． 000 | ． 000 | ． 000 | ． 54 | ． 43 | ． 52 |
| REWROPAP | 562 | 2.99 | 2.65 | 2.71 | 2.64 | ． 04 | ． 01 | ． 00 | ． 00 | 1.00 | ． 99 | ． 97 | ． 98 | 622 | 40，677 | 565 | ． 000 | ． 000 | ． 000 | ． 35 | ． 29 | ． 36 |
| INTEGRAT | 562 | 3.29 | 2.97 | 3.06 | 3.03 | ． 03 | ． 01 | ． 00 | ． 00 | ． 74 | ． 81 | ． 79 | ． 80 | 10，876 | 40，691 | 148，414 | ． 000 | ． 000 | ． 000 | ． 40 | ． 29 | ． 32 |
| DIVCLASS | 560 | 2.99 | 2.85 | 2.79 | 2.75 | ． 04 | ． 01 | ． 00 | ． 00 | ． 85 | ． 88 | ． 87 | ． 88 | 627 | 575 | 563 | ． 000 | ． 000 | ． 000 | ． 16 | ． 24 | ． 27 |
| CLUNPREP | 560 | 2.05 | 2.09 | 1.99 | 2.02 | ． 03 | ． 01 | ． 00 | ． 00 | ． 75 | ． 77 | ． 77 | ． 76 | 626 | 40，633 | 148，299 | ． 252 | ． 048 | ． 313 | －． 05 | ． 08 | ． 04 |
| CLASSGRP | 560 | 2.64 | 2.46 | 2.43 | 2.40 | ． 03 | ． 01 | ． 00 | ． 00 | ． 82 | ． 84 | ． 83 | ． 83 | 10，867 | 40，650 | 148，372 | ． 000 | ． 000 | ． 000 | ． 21 | ． 25 | ． 29 |
| OCCGRP | 560 | 2.31 | 2.32 | 2.31 | 2.38 | ． 04 | ． 01 | ． 00 | ． 00 | ． 85 | ． 85 | ． 87 | ． 87 | 10，871 | 40，684 | 148，432 | ． 860 | ． 887 | ． 068 | －． 01 | ． 01 | －． 08 |
| InTIDEAS | 533 | 2.55 | 2.56 | 2.56 | 2.57 | ． 03 | ． 01 | ． 00 | ． 00 | ． 79 | ． 80 | ． 81 | ． 81 | 10，258 | 38，441 | 140，224 | ． 882 | ． 830 | ． 655 | －． 01 | －． 01 | －． 02 |
| TUTOR | 534 | 1.63 | 1.65 | 1.64 | 1.69 | ． 03 | ． 01 | ． 00 | ． 00 | ． 81 | ． 82 | ． 83 | ． 84 | 10，255 | 38，445 | 140，247 | ． 559 | ． 873 | ． 098 | －． 03 | －． 01 | －． 07 |
| COMMPROJ | 533 | 1.68 | 1.42 | 1.49 | 1.52 | ． 04 | ． 01 | ． 00 | ． 00 | ． 89 | ． 72 | ． 78 | ． 80 | 571 | 543 | 535 | ． 000 | ． 000 | ． 000 | ． 36 | ． 23 | ． 20 |
| ITACADEM | 531 | 2.47 | 2.60 | 2.58 | 2.61 | ． 05 | ． 01 | ． 01 | ． 00 | 1.07 | 1.03 | 1.04 | 1.03 | 10，251 | 38，435 | 140，221 | ． 003 | ． 013 | ． 001 | －． 13 | －． 11 | －． 14 |
| EMAIL | 532 | 2.97 | 2.97 | 3.04 | 3.06 | ． 04 | ． 01 | ． 00 | ． 00 | ． 84 | ． 85 | ． 84 | ． 84 | 10，254 | 38，440 | 140，213 | ． 944 | ． 053 | ． 014 | ． 00 | －． 08 | －． 11 |
| FACGRADE | 534 | 2.45 | 2.43 | 2.58 | 2.57 | ． 04 | ． 01 | ． 00 | ． 00 | ． 85 | ． 86 | ． 87 | ． 87 | 10，249 | 38，434 | 140，208 | ． 610 | ． 000 | ． 002 | ． 02 | －． 15 | －． 14 |
| FACPLANS | 534 | 1.99 | 1.95 | 2.15 | 2.14 | ． 04 | ． 01 | ． 00 | ． 00 | ． 94 | ． 87 | ． 90 | ． 88 | 584 | 38，439 | 140，216 | ． 268 | ． 000 | ． 000 | ． 05 | －． 17 | －． 16 |
| FACIDEAS | 534 | 1.78 | 1.77 | 1.84 | 1.84 | ． 04 | ． 01 | ． 00 | ． 00 | ． 85 | ． 85 | ． 88 | ． 87 | 10，251 | 38，431 | 140，205 | ． 657 | ． 141 | ． 165 | ． 02 | －． 06 | －． 06 |
| FACFEED | 524 | 2.67 | 2.51 | 2.60 | 2.59 | ． 04 | ． 01 | ． 00 | ． 00 | ． 86 | ． 83 | ． 83 | ． 83 | 10，038 | 37，661 | 137，495 | ． 000 | ． 055 | ． 028 | ． 18 | ． 08 | ． 10 |
| WORKHARD | 524 | 2.58 | 2.50 | 2.62 | 2.60 | ． 04 | ． 01 | ． 00 | ． 00 | ． 80 | ． 85 | ． 84 | ． 84 | 590 | 37，658 | 527 | ． 027 | ． 320 | ． 667 | ． 09 | －． 04 | －． 02 |
| FACOTHER | 524 | 1.45 | 1.47 | 1.58 | 1.59 | ． 03 | ． 01 | ． 00 | ． 00 | ． 74 | ． 76 | ． 83 | ． 82 | 10，038 | 542 | 528 | ． 644 | ． 000 | ． 000 | －． 02 | －． 16 | －． 16 |
| OOCIDEAS | 524 | 2.62 | 2.70 | 2.64 | 2.66 | ． 04 | ． 01 | ． 00 | ． 00 | ． 87 | ． 88 | ． 89 | ． 87 | 10，029 | 37，625 | 137，407 | ． 059 | ． 632 | ． 354 | －． 08 | －． 02 | －． 04 |
| DIVRSTUD | 523 | 2.61 | 2.71 | 2.53 | 2.56 | ． 04 | ． 01 | ． 01 | ． 00 | ． 95 | 1.01 | 1.02 | 1.02 | 588 | 539 | 526 | ． 032 | ． 041 | ． 248 | －． 09 | ． 08 | ． 05 |
| DIFFSTU2 | 521 | 2.58 | 2.70 | 2.64 | 2.68 | ． 04 | ． 01 | ． 01 | ． 00 | ． 97 | ． 98 | ． 99 | ． 98 | 10，026 | 37，619 | 137，388 | ． 005 | ． 164 | ． 017 | －． 13 | －． 06 | －． 10 |
| MEMORIZE | 515 | 2.79 | 2.82 | 2.88 | 2.88 | ． 04 | ． 01 | ． 00 | ． 00 | ． 88 | ． 87 | ． 86 | ． 86 | 9，933 | 37，313 | 136，264 | ． 499 | ． 020 | ． 029 | －． 03 | －． 10 | －． 10 |
| ANALYZE | 515 | 3.01 | 3.07 | 3.04 | 3.07 | ． 03 | ． 01 | ． 00 | ． 00 | ． 76 | ． 78 | ． 79 | ． 78 | 574 | 37，283 | 518 | ． 089 | ． 521 | ． 099 | －． 08 | －． 03 | －． 07 |
| SYNTHESZ | 515 | 2.86 | 2.87 | 2.82 | 2.85 | ． 04 | ． 01 | ． 00 | ． 00 | ． 82 | ． 83 | ． 84 | ． 84 | 9，926 | 37，271 | 136，143 | ． 822 | ． 276 | ． 698 | －． 01 | ． 05 | ． 02 |
| EVALUATE | 515 | 2.88 | 2.84 | 2.86 | 2.84 | ． 04 | ． 01 | ． 00 | ． 00 | ． 84 | ． 86 | ． 86 | ． 86 | 9，922 | 37，271 | 136，154 | ． 300 | ． 684 | ． 367 | ． 05 | ． 02 | ． 04 |
| APPLYING | 515 | 2.88 | 2.96 | 2.97 | 3.01 | ． 04 | ． 01 | ． 00 | ． 00 | ． 85 | ． 85 | ． 84 | ． 85 | 9，925 | 37，289 | 136，188 | ． 037 | ． 010 | ． 000 | －． 09 | －． 11 | －． 15 |
| READASGN | 514 | 3.05 | 3.20 | 3.15 | 3.20 | ． 04 | ． 01 | ． 00 | ． 00 | ． 83 | ． 90 | ． 91 | ． 92 | 581 | 530 | 518 | ． 000 | ． 006 | ． 000 | －． 16 | －． 11 | －． 16 |

[^7]|  |  | Id |  | y <br> ag |  |  |  |  |  |  |  |  | SE <br> nia <br> Fi | 07 D <br> State t-Ye | tailed Univ <br> St | Statisti rsity， dents | eS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | N |  |  |  |  | Stand | Error | of the | ean ${ }^{\text {b }}$ |  | ndard | viati |  |  | s of F | dom ${ }^{\text {d }}$ |  | ifican |  |  | ect Size |  |
|  |  |  |  |  |  |  | $\begin{aligned} & \stackrel{y}{む} \\ & \stackrel{0}{0} \\ & \stackrel{U}{0} \\ & \stackrel{0}{0} \\ & \stackrel{\sim}{0} \end{aligned}$ |  | $\begin{aligned} & \text { ò } \\ & \text { N} \\ & \text { H } \\ & \text { Zn } \end{aligned}$ |  |  |  | $\begin{aligned} & \hat{0} \\ & \text { N} \\ & \text { H } \\ & \text { N } \end{aligned}$ |  |  | $\begin{aligned} & \hat{0} \\ & \text { N } \\ & \text { W } \\ & \text { N } \end{aligned}$ |  | esno Sta pared w哭 | $\begin{aligned} & \text { O} \\ & \text { in } \\ & \text { w } \\ & \text { Z } \\ & \hline \end{aligned}$ |  | esno State pared with： <br> 皆 <br> 䀸胞 |  |
| READOWN | 512 | 2.05 | 2.05 | 2.02 | 2.02 | ． 04 | ． 01 | ． 00 | ． 00 | ． 96 | ． 90 | ． 91 | ． 90 | 9，899 | 37，173 | 135，741 | ． 882 | ． 486 | ． 514 | －． 01 | ． 03 | ． 03 |
| WRITEMOR | 514 | 1.34 | 1.24 | 1.25 | 1.24 | ． 03 | ． 01 | ． 00 | ． 00 | ． 79 | ． 63 | ． 65 | ． 63 | 550 | 523 | 515 | ． 003 | ． 011 | ． 004 | ． 17 | ． 14 | ． 16 |
| WRITEMID | 513 | 2.48 | 2.19 | 2.25 | 2.25 | ． 03 | ． 01 | ． 00 | ． 00 | ． 79 | ． 78 | ． 83 | ． 83 | 569 | 37，158 | 135，694 | ． 000 | ． 000 | ． 000 | ． 37 | ． 28 | ． 27 |
| WRITESML | 514 | 2.84 | 2.98 | 3.01 | 3.03 | ． 05 | ． 01 | ． 01 | ． 00 | 1.06 | 1.02 | 1.03 | 1.04 | 566 | 527 | 517 | ． 004 | ． 000 | ． 000 | －． 14 | －． 16 | －． 18 |
| PROBSETA | 511 | 2.73 | 2.73 | 2.61 | 2.64 | ． 05 | ． 01 | ． 01 | ． 00 | 1.10 | 1.10 | 1.08 | 1.10 | 9，853 | 37，076 | 135，411 | ． 938 | ． 012 | ． 057 | ． 00 | ． 11 | ． 08 |
| PROBSETB | 511 | 2.83 | 2.58 | 2.75 | 2.72 | ． 05 | ． 01 | ． 01 | ． 00 | 1.20 | 1.19 | 1.18 | 1.19 | 9，833 | 37，046 | 135，292 | ． 000 | ． 116 | ． 028 | ． 21 | ． 07 | ． 10 |
| EXAMS | 511 | 5.21 | 5.31 | 5.34 | 5.42 | ． 05 | ． 01 | ． 01 | ． 00 | 1.15 | 1.19 | 1.17 | 1.17 | 9，866 | 37，060 | 135，430 | ． 045 | ． 014 | ． 000 | －． 09 | －． 11 | －． 18 |
| ATDART07 | 511 | 1.96 | 2.08 | 2.17 | 2.19 | ． 04 | ． 01 | ． 00 | ． 00 | ． 90 | ． 89 | ． 92 | ． 91 | 9，781 | 525 | 514 | ． 004 | ． 000 | ． 000 | －． 13 | －． 22 | －． 25 |
| EXRCSE05 | 511 | 2.63 | 2.63 | 2.67 | 2.77 | ． 05 | ． 01 | ． 01 | ． 00 | 1.06 | 1.08 | 1.07 | 1.04 | 9，778 | 36，714 | 134，315 | ． 898 | ． 429 | ． 003 | ． 01 | －． 04 | －． 13 |
| WORSHP05 | 511 | 1.94 | 1.81 | 1.97 | 2.07 | ． 05 | ． 01 | ． 01 | ． 00 | 1.08 | 1.05 | 1.07 | 1.10 | 9，776 | 36，731 | 134，321 | ． 004 | ． 616 | ． 013 | ． 13 | －． 02 | －． 11 |
| OWNVIEW | 510 | 2.45 | 2.55 | 2.51 | 2.56 | ． 04 | ． 01 | ． 00 | ． 00 | ． 83 | ． 91 | ． 89 | ． 88 | 579 | 526 | 513 | ． 007 | ． 063 | ． 002 | －． 11 | －． 08 | －． 13 |
| OTHRVIEW | 510 | 2.71 | 2.76 | 2.71 | 2.72 | ． 04 | ． 01 | ． 00 | ． 00 | ． 83 | ． 88 | ． 87 | ． 86 | 9，774 | 525 | 134，300 | ． 266 | ． 931 | ． 825 | －． 05 | ． 00 | －． 01 |
| CHNGVIEW | 508 | 2.79 | 2.81 | 2.78 | 2.79 | ． 04 | ． 01 | ． 00 | ． 00 | ． 79 | ． 84 | ． 84 | ． 84 | 9，773 | 524 | 512 | ． 620 | ． 770 | ． 987 | －． 02 | ． 01 | ． 00 |
| INTERN04 | 501 | ． 05 | ． 07 | ． 07 | ． 07 | ． 01 | ． 00 | ． 00 | ． 00 | ． 21 | ． 26 | ． 25 | ． 26 | 583 | 520 | 505 | ． 014 | ． 027 | ． 007 | －． 09 | －． 08 | －． 10 |
| VOLNTR04 | 501 | ． 41 | ． 32 | ． 34 | ． 38 | ． 02 | ． 00 | ． 00 | ． 00 | ． 49 | ． 47 | ． 47 | ． 48 | 550 | 513 | 503 | ． 000 | ． 000 | ． 106 | ． 20 | ． 17 | ． 07 |
| LRNCOM04 | 500 | ． 27 | ． 17 | ． 16 | ． 17 | ． 02 | ． 00 | ． 00 | ． 00 | ． 45 | ． 38 | ． 37 | ． 37 | 539 | 508 | 501 | ． 000 | ． 000 | ． 000 | ． 27 | ． 31 | ． 28 |
| RESRCH04 | 500 | ． 04 | ． 04 | ． 05 | ． 05 | ． 01 | ． 00 | ． 00 | ． 00 | ． 21 | ． 20 | ． 21 | ． 22 | 9，602 | 36，063 | 132，113 | ． 850 | ． 790 | ． 583 | ． 01 | －． 01 | －． 02 |
| FORLNG04 | 501 | ． 15 | ． 22 | ． 18 | ． 22 | ． 02 | ． 00 | ． 00 | ． 00 | ． 36 | ． 41 | ． 39 | ． 42 | 576 | 516 | 505 | ． 000 | ． 062 | ． 000 | －． 17 | －． 08 | －． 17 |
| STDABR04 | 501 | ． 02 | ． 03 | ． 03 | ． 03 | ． 01 | ． 00 | ． 00 | ． 00 | ． 12 | ． 17 | ． 17 | ． 16 | 602 | 525 | 506 | ． 028 | ． 020 | ． 034 | －． 08 | －． 08 | －． 07 |
| INDSTD04 | 501 | ． 03 | ． 03 | ． 04 | ． 03 | ． 01 | ． 00 | ． 00 | ． 00 | ． 17 | ． 18 | ． 18 | ． 18 | 9，607 | 36，086 | 132，129 | ． 507 | ． 453 | ． 618 | －． 03 | －． 03 | －． 02 |
| SNRX04 | 500 | ． 01 | ． 02 | ． 02 | ． 02 | ． 00 | ． 00 | ． 00 | ． 00 | ． 08 | ． 13 | ． 12 | ． 12 | 637 | 532 | 508 | ． 016 | ． 016 | ． 013 | －． 07 | －． 07 | －． 07 |
| ENVSTU | 498 | 5.38 | 5.34 | 5.47 | 5.53 | ． 06 | ． 01 | ． 01 | ． 00 | 1.34 | 1.41 | 1.40 | 1.37 | 9，568 | 35，966 | 131，802 | ． 625 | ． 120 | ． 014 | ． 02 | －． 07 | －． 11 |
| ENVFAC | 498 | 5.03 | 5.00 | 5.23 | 5.19 | ． 06 | ． 01 | ． 01 | ． 00 | 1.31 | 1.35 | 1.30 | 1.32 | 9，561 | 35，959 | 131，812 | ． 637 | ． 001 | ． 009 | ． 02 | －． 15 | －． 12 |
| ENVADM | 498 | 4.45 | 4.40 | 4.64 | 4.64 | ． 07 | ． 02 | ． 01 | ． 00 | 1.52 | 1.54 | 1.56 | 1.55 | 9，536 | 35，939 | 131，724 | ． 445 | ． 007 | ． 008 | ． 04 | －． 12 | －． 12 |
| ACADPR01 | 492 | 3.81 | 4.05 | 3.79 | 4.01 | ． 07 | ． 02 | ． 01 | ． 00 | 1.58 | 1.63 | 1.55 | 1.61 | 9，494 | 35，713 | 131，002 | ． 001 | ． 768 | ． 006 | －． 15 | ． 01 | －． 12 |
| WORKON01 | 492 | 1.49 | 1.52 | 1.54 | 1.57 | ． 06 | ． 01 | ． 01 | ． 00 | 1.27 | 1.28 | 1.26 | 1.28 | 9，495 | 35，715 | 130，984 | ． 583 | ． 388 | ． 135 | －． 03 | －． 04 | －． 07 |
| WORKOF01 | 492 | 2.99 | 2.43 | 2.76 | 2.41 | ． 11 | ． 02 | ． 01 | ． 01 | 2.35 | 2.19 | 2.44 | 2.26 | 539 | 35，713 | 494 | ． 000 | ． 038 | ． 000 | ． 26 | ． 09 | ． 26 |
| COCURR01 | 492 | 1.87 | 1.99 | 2.09 | 2.24 | ． 06 | ． 02 | ． 01 | ． 00 | 1.43 | 1.44 | 1.49 | 1.53 | 9，491 | 35，716 | 495 | ． 063 | ． 001 | ． 000 | －． 09 | －． 15 | －． 25 |

[^8]
## NSSE 2007 Detailed Statistics ${ }^{\text {a }}$

## California State University, Fresno <br> First-Year Students



[^9]${ }^{\text {a }}$ Degrees of freedom used to compute the $t$-tests. Values differ from the total Ns due to weighting and the equal variances assumption.
${ }^{e}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.
${ }^{\mathrm{f}}$ Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

|  | National Survey of Student Engagement |  |  |  |  | NSSE 2007 Detailed Statistics ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | California State University, Fresno |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | N | Mean |  |  |  | Standard Error of the Mean ${ }^{\text {b }}$ |  |  |  | Standard Deviation ${ }^{\text {c }}$ |  |  |  | Degrees of Freedom ${ }^{\text {d }}$ |  |  | Significance ${ }^{e}$ |  |  | Effect Size ${ }^{\text {f }}$ |  |  |
|  |  |  |  |  | $\begin{aligned} & \text { ò } \\ & \text { M } \\ & 0 \\ & \text { Zn } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { ò } \\ & \text { 苟 } \\ & \text { z } \end{aligned}$ |  | resno State pared wi <br>  |  |  | esno State pared with <br>  | $\begin{aligned} & \stackrel{\vdots}{0} \\ & \text { Ĥ } \\ & \stackrel{0}{2} \\ & \hline \end{aligned}$ |
| CLQUEST | 625 | 2.85 | 2.91 | 3.09 | 3.03 | . 03 | . 01 | . 01 | . 00 | . 86 | . 88 | . 84 | . 86 | 8,836 | 27,022 | 90,923 | . 101 | . 000 | . 000 | -. 07 | -. 29 | -. 21 |
| CLPRESEN | 624 | 2.79 | 2.72 | 2.84 | 2.77 | . 03 | . 01 | . 01 | . 00 | . 86 | . 87 | . 87 | . 87 | 725 | 27,019 | 90,903 | . 037 | . 148 | . 422 | . 09 | -. 06 | . 03 |
| REWROPAP | 625 | 2.48 | 2.55 | 2.54 | 2.47 | . 04 | . 01 | . 01 | . 00 | 1.00 | . 98 | . 98 | . 98 | 8,834 | 27,013 | 90,872 | . 086 | . 122 | . 733 | -. 07 | -. 06 | . 01 |
| Integrat | 624 | 3.35 | 3.30 | 3.32 | 3.29 | . 03 | . 01 | . 00 | . 00 | . 75 | . 75 | . 73 | . 74 | 8,832 | 27,018 | 90,861 | . 151 | . 400 | . 081 | . 06 | . 03 | . 07 |
| DIVCLASS | 625 | 2.83 | 2.89 | 2.86 | 2.80 | . 04 | . 01 | . 01 | . 00 | . 89 | . 93 | . 91 | . 92 | 8,827 | 26,996 | 90,774 | . 093 | . 389 | . 442 | -. 07 | -. 03 | . 03 |
| CLUNPREP | 625 | 2.18 | 2.13 | 2.04 | 2.11 | . 03 | . 01 | . 00 | . 00 | . 75 | . 76 | . 77 | . 78 | 8,829 | 655 | 90,818 | . 132 | . 000 | . 029 | . 06 | . 18 | . 09 |
| CLASSGRP | 624 | 2.57 | 2.55 | 2.59 | 2.52 | . 04 | . 01 | . 01 | . 00 | . 90 | . 88 | . 88 | . 88 | 8,830 | 27,008 | 90,849 | . 591 | . 510 | . 157 | . 02 | -. 03 | . 06 |
| OCCGRP | 625 | 2.60 | 2.71 | 2.69 | 2.75 | . 04 | . 01 | . 01 | . 00 | . 88 | . 89 | . 91 | . 91 | 8,830 | 27,011 | 90,865 | . 005 | . 012 | . 000 | -. 12 | -. 10 | -. 16 |
| INTIDEAS | 603 | 2.78 | 2.89 | 2.89 | 2.90 | . 03 | . 01 | . 01 | . 00 | . 81 | . 82 | . 82 | . 81 | 8,555 | 26,236 | 88,071 | . 002 | . 001 | . 000 | -. 13 | -. 13 | -. 15 |
| TUTOR | 603 | 1.83 | 1.85 | 1.84 | 1.89 | . 04 | . 01 | . 01 | . 00 | . 92 | . 95 | . 95 | . 95 | 8,559 | 26,250 | 88,092 | . 519 | . 817 | . 136 | -. 03 | -. 01 | -. 06 |
| COMMPROJ | 603 | 1.86 | 1.67 | 1.71 | 1.69 | . 04 | . 01 | . 01 | . 00 | . 89 | . 89 | . 90 | . 89 | 8,554 | 632 | 88,045 | . 000 | . 000 | . 000 | . 22 | . 17 | . 19 |
| ITACADEM | 602 | 2.90 | 2.79 | 2.82 | 2.83 | . 04 | . 01 | . 01 | . 00 | 1.01 | 1.02 | 1.03 | 1.02 | 8,554 | 26,244 | 88,095 | . 011 | . 061 | . 086 | . 11 | . 08 | . 07 |
| EMAIL | 603 | 3.24 | 3.24 | 3.31 | 3.33 | . 03 | . 01 | . 00 | . 00 | . 77 | . 80 | . 78 | . 77 | 8,556 | 26,252 | 88,097 | . 976 | . 020 | . 003 | . 00 | -. 10 | -. 12 |
| FACGRADE | 603 | 2.70 | 2.63 | 2.81 | 2.79 | . 04 | . 01 | . 01 | . 00 | . 90 | . 87 | . 88 | . 88 | 8,556 | 26,253 | 88,070 | . 058 | . 002 | . 013 | . 08 | -. 13 | -. 10 |
| FACPLANS | 603 | 2.34 | 2.19 | 2.39 | 2.39 | . 04 | . 01 | . 01 | . 00 | . 94 | . 91 | . 97 | . 95 | 691 | 26,250 | 88,086 | . 000 | . 215 | . 188 | . 17 | -. 05 | -. 05 |
| FACIDEAS | 603 | 1.98 | 1.98 | 2.08 | 2.08 | . 04 | . 01 | . 01 | . 00 | . 89 | . 89 | . 92 | . 92 | 8,554 | 634 | 88,082 | . 884 | . 004 | . 007 | -. 01 | -. 12 | -. 11 |
| FACFEED | 594 | 2.59 | 2.61 | 2.77 | 2.76 | . 03 | . 01 | . 01 | . 00 | . 82 | . 83 | . 82 | . 81 | 8,457 | 25,986 | 87,114 | . 492 | . 000 | . 000 | -. 03 | -. 23 | -. 21 |
| WORKHARD | 594 | 2.62 | 2.65 | 2.75 | 2.69 | . 03 | . 01 | . 01 | . 00 | . 82 | . 87 | . 85 | . 86 | 698 | 25,964 | 87,068 | . 527 | . 001 | . 055 | -. 03 | -. 14 | -. 08 |
| FACOTHER | 594 | 1.70 | 1.65 | 1.78 | 1.81 | . 04 | . 01 | . 01 | . 00 | . 88 | . 88 | . 94 | . 94 | 8,449 | 25,966 | 87,072 | . 134 | . 055 | . 006 | . 06 | -. 08 | -. 11 |
| OOCIDEAS | 594 | 2.75 | 2.85 | 2.82 | 2.83 | . 04 | . 01 | . 01 | . 00 | . 89 | . 86 | . 86 | . 86 | 679 | 620 | 601 | . 007 | . 064 | . 036 | -. 12 | -. 08 | -. 09 |
| DIVRSTUD | 592 | 2.75 | 2.79 | 2.63 | 2.66 | . 04 | . 01 | . 01 | . 00 | 1.00 | . 99 | 1.00 | . 99 | 8,444 | 25,950 | 87,010 | . 315 | . 005 | . 021 | -. 04 | . 12 | . 10 |
| DIFFSTU2 | 594 | 2.65 | 2.72 | 2.67 | 2.71 | . 04 | . 01 | . 01 | . 00 | . 99 | . 97 | . 97 | . 96 | 8,442 | 25,948 | 87,021 | . 074 | . 613 | . 118 | -. 08 | -. 02 | -. 06 |
| MEMORIZE | 591 | 2.87 | 2.70 | 2.75 | 2.75 | . 04 | . 01 | . 01 | . 00 | . 89 | . 93 | . 91 | . 91 | 690 | 619 | 599 | . 000 | . 002 | . 001 | . 19 | . 13 | . 13 |
| ANALYZE | 591 | 3.15 | 3.24 | 3.21 | 3.23 | . 03 | . 01 | . 00 | . 00 | . 78 | . 77 | . 76 | . 75 | 8,392 | 25,779 | 86,468 | . 007 | . 039 | . 011 | -. 12 | -. 09 | -. 11 |
| SYNTHESZ | 590 | 2.94 | 3.05 | 3.03 | 3.03 | . 04 | . 01 | . 01 | . 00 | . 86 | . 85 | . 83 | . 83 | 8,386 | 25,755 | 86,420 | . 002 | . 007 | . 006 | -. 13 | -. 11 | -. 11 |
| EVALUATE | 591 | 2.94 | 2.93 | 2.99 | 2.96 | . 04 | . 01 | . 01 | . 00 | . 89 | . 89 | . 87 | . 87 | 8,384 | 25,766 | 86,445 | . 666 | . 238 | . 572 | . 02 | -. 05 | -. 02 |
| APPLYING | 591 | 3.05 | 3.12 | 3.18 | 3.18 | . 04 | . 01 | . 01 | . 00 | . 87 | . 86 | . 82 | . 83 | 8,391 | 25,780 | 86,466 | . 043 | . 000 | . 000 | -. 09 | -. 16 | -. 16 |
| READASGN | 589 | 2.96 | 3.24 | 3.11 | 3.13 | . 04 | . 01 | . 01 | . 00 | . 95 | 1.00 | 1.00 | 1.00 | 693 | 619 | 597 | . 000 | . 000 | . 000 | -. 27 | -. 15 | -. 17 |

[^10]|  | National Survey of Student Engagemen |  |  |  |  | NSSE 2007 Detailed Statistics ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | California State University，Fresno |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | N |  |  |  |  | Stand | Err | f the | ean ${ }^{\text {b }}$ | Standard Deviation ${ }^{\text {c }}$ |  |  |  | Degrees of Freedom ${ }^{\text {d }}$ |  |  | Significance ${ }^{e}$ |  |  | Effect Size ${ }^{\text {f }}$ |  |  |
|  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \stackrel{y}{5} \\ & \text { y } \\ & 0 \\ & 0 \\ & \stackrel{y y y y y y}{4} \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \text { 言 } \\ & \text { H} \\ & \text { Zn } \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \text { 亳 } \\ & \text { 苟 } \\ & \hline \end{aligned}$ |  |  | o． 苟 Z |  | sno State ared with哭皆枈 |  |
| READOWN | 589 | 2.06 | 2.20 | 2.16 | 2.17 | ． 04 | ． 01 | ． 01 | ． 00 | ． 91 | ． 98 | ． 97 | ． 97 | 696 | 620 | 597 | ． 001 | ． 010 | ． 004 | －． 14 | －． 10 | $-.11$ |
| WRITEMOR | 589 | 1.63 | 1.64 | 1.64 | 1.62 | ． 03 | ． 01 | ． 00 | ． 00 | ． 82 | ． 80 | ． 79 | ． 77 | 8，359 | 25，683 | 86，167 | ． 773 | ． 775 | ． 851 | －． 01 | －． 01 | ． 01 |
| WRITEMID | 589 | 2.57 | 2.59 | 2.56 | 2.55 | ． 04 | ． 01 | ． 01 | ． 00 | ． 89 | ． 94 | ． 94 | ． 94 | 8，361 | 619 | 597 | ． 756 | ． 615 | ． 506 | －． 01 | ． 02 | ． 03 |
| WRITESML | 589 | 2.93 | 2.94 | 2.91 | 2.97 | ． 05 | ． 01 | ． 01 | ． 00 | 1.14 | 1.16 | 1.16 | 1.16 | 8，367 | 25，680 | 86，188 | ． 775 | ． 739 | ． 469 | －． 01 | ． 01 | －． 03 |
| PROBSETA | 587 | 2.69 | 2.68 | 2.60 | 2.58 | ． 05 | ． 01 | ． 01 | ． 00 | 1.19 | 1.20 | 1.19 | 1.20 | 8，309 | 25，577 | 85，852 | ． 848 | ． 085 | ． 027 | ． 01 | ． 07 | ． 09 |
| Probsetb | 587 | 2.41 | 2.18 | 2.37 | 2.32 | ． 05 | ． 01 | ． 01 | ． 00 | 1.20 | 1.17 | 1.20 | 1.19 | 674 | 25，563 | 85，816 | ． 000 | ． 500 | ． 077 | ． 20 | ． 03 | ． 07 |
| EXAMS | 587 | 5.46 | 5.37 | 5.43 | 5.40 | ． 05 | ． 01 | ． 01 | ． 00 | 1.29 | 1.30 | 1.27 | 1.27 | 8，334 | 25，613 | 85，953 | ． 089 | ． 521 | ． 220 | ． 07 | ． 03 | ． 05 |
| ATDART07 | 579 | 1.91 | 2.03 | 2.01 | 2.07 | ． 04 | ． 01 | ． 01 | ． 00 | ． 86 | ． 89 | ． 90 | ． 90 | 8，280 | 25，451 | 85，517 | ． 002 | ． 008 | ． 000 | －． 14 | －． 11 | －． 17 |
| EXRCSE05 | 579 | 2.61 | 2.55 | 2.54 | 2.66 | ． 04 | ． 01 | ． 01 | ． 00 | ． 99 | 1.04 | 1.06 | 1.05 | 678 | 609 | 587 | ． 113 | ． 059 | ． 271 | ． 07 | ． 07 | －． 04 |
| WORSHP05 | 579 | 2.04 | 1.93 | 2.08 | 2.14 | ． 05 | ． 01 | ． 01 | ． 00 | 1.12 | 1.09 | 1.11 | 1.13 | 8，277 | 25，441 | 85，487 | ． 015 | ． 432 | ． 032 | ． 11 | －． 03 | －． 09 |
| OWNVIEW | 579 | 2.57 | 2.68 | 2.64 | 2.68 | ． 04 | ． 01 | ． 01 | ． 00 | ． 89 | ． 90 | ． 89 | ． 89 | 8，279 | 25，442 | 85，496 | ． 008 | ． 075 | ． 004 | －． 11 | －． 07 | －． 12 |
| OTHRVIEW | 579 | 2.81 | 2.87 | 2.80 | 2.82 | ． 04 | ． 01 | ． 01 | ． 00 | ． 88 | ． 86 | ． 86 | ． 85 | 662 | 25，445 | 85，500 | ． 131 | ． 777 | ． 840 | －． 07 | ． 01 | －． 01 |
| CHNGVIEW | 579 | 2.84 | 2.89 | 2.85 | 2.86 | ． 03 | ． 01 | ． 01 | ． 00 | ． 83 | ． 83 | ． 83 | ． 82 | 8，279 | 25，451 | 85，500 | ． 155 | ． 683 | ． 395 | －． 06 | －． 02 | －． 04 |
| INTERN04 | 569 | ． 48 | ． 43 | ． 48 | ． 53 | ． 02 | ． 01 | ． 00 | ． 00 | ． 50 | ． 50 | ． 50 | ． 50 | 655 | 25，163 | 84，654 | ． 047 | ． 753 | ． 012 | ． 09 | －． 01 | －． 11 |
| VOLNTR04 | 570 | ． 62 | ． 51 | ． 54 | ． 59 | ． 02 | ． 01 | ． 00 | ． 00 | ． 49 | ． 50 | ． 50 | ． 49 | 663 | 597 | 577 | ． 000 | ． 000 | ． 233 | ． 21 | ． 16 | ． 05 |
| LRNCOM04 | 569 | ． 25 | ． 23 | ． 24 | ． 25 | ． 02 | ． 00 | ． 00 | ． 00 | ． 43 | ． 42 | ． 43 | ． 43 | 8，168 | 25，143 | 84，602 | ． 346 | ． 701 | ． 832 | ． 04 | ． 02 | －． 01 |
| RESRCH04 | 569 | ． 15 | ． 18 | ． 16 | ． 19 | ． 01 | ． 00 | ． 00 | ． 00 | ． 36 | ． 39 | ． 36 | ． 39 | 670 | 25，155 | 577 | ． 043 | ． 681 | ． 006 | －． 08 | －． 02 | －． 11 |
| FORLNG04 | 570 | ． 29 | ． 37 | ． 33 | ． 41 | ． 02 | ． 01 | ． 00 | ． 00 | ． 46 | ． 48 | ． 47 | ． 49 | 668 | 598 | 578 | ． 000 | ． 041 | ． 000 | －． 15 | －． 08 | －． 24 |
| STDABR04 | 570 | ． 05 | ． 12 | ． 10 | ． 14 | ． 01 | ． 00 | ． 00 | ． 00 | ． 23 | ． 32 | ． 30 | ． 35 | 751 | 617 | 588 | ． 000 | ． 000 | ． 000 | －． 19 | －． 16 | －． 25 |
| INDSTD04 | 569 | ． 14 | ． 15 | ． 16 | ． 17 | ． 01 | ． 00 | ． 00 | ． 00 | ． 35 | ． 36 | ． 36 | ． 38 | 8，171 | 598 | 578 | ． 469 | ． 231 | ． 017 | －． 03 | －． 05 | －． 09 |
| SNRX04 | 569 | ． 27 | ． 29 | ． 30 | ． 32 | ． 02 | ． 01 | ． 00 | ． 00 | ． 44 | ． 45 | ． 46 | ． 47 | 661 | 597 | 577 | ． 252 | ． 047 | ． 002 | －． 05 | －． 08 | －． 12 |
| ENVSTU | 569 | 5.52 | 5.40 | 5.63 | 5.63 | ． 06 | ． 02 | ． 01 | ． 00 | 1.36 | 1.40 | 1.34 | 1.34 | 8，159 | 25，102 | 84，452 | ． 040 | ． 075 | ． 073 | ． 09 | －． 08 | －． 08 |
| ENVFAC | 569 | 5.21 | 5.17 | 5.46 | 5.41 | ． 06 | ． 02 | ． 01 | ． 00 | 1.42 | 1.42 | 1.35 | 1.35 | 8，160 | 25，115 | 84，477 | ． 552 | ． 000 | ． 000 | ． 03 | －． 19 | －． 15 |
| ENVADM | 568 | 4.24 | 4.35 | 4.57 | 4.54 | ． 07 | ． 02 | ． 01 | ． 01 | 1.72 | 1.69 | 1.70 | 1.68 | 8，149 | 25，094 | 84，434 | ． 147 | ． 000 | ． 000 | －． 06 | －． 19 | －． 18 |
| ACADPR01 | 565 | 3.91 | 4.27 | 3.96 | 4.10 | ． 07 | ． 02 | ． 01 | ． 01 | 1.69 | 1.79 | 1.71 | 1.74 | 662 | 24，995 | 84，096 | ． 000 | ． 423 | ． 010 | －． 20 | －． 03 | －． 11 |
| WORKON01 | 564 | 1.48 | 1.75 | 1.67 | 1.84 | ． 06 | ． 02 | ． 01 | ． 01 | 1.35 | 1.57 | 1.48 | 1.61 | 682 | 595 | 574 | ． 000 | ． 001 | ． 000 | －． 18 | －． 13 | －． 23 |
| WORKOF01 | 565 | 4.63 | 3.98 | 4.32 | 3.78 | ． 11 | ． 03 | ． 02 | ． 01 | 2.73 | 2.81 | 2.84 | 2.80 | 656 | 592 | 572 | ． 000 | ． 008 | ． 000 | ． 23 | ． 11 | ． 30 |
| COCURR01 | 565 | 1.79 | 1.83 | 1.90 | 2.08 | ． 06 | ． 02 | ． 01 | ． 01 | 1.33 | 1.39 | 1.44 | 1.50 | 8，115 | 24，990 | 574 | ． 512 | ． 075 | ． 000 | －． 03 | －． 08 | －． 19 |

[^11]

[^12]IPEDS: 110556
${ }^{a}$ Degrees of freedom used to compute the $t$-tests. Values differ from the total Ns due to weighting and the equal variances assumption.
${ }^{\mathrm{e}}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.
${ }^{\mathrm{f}}$ Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.


[^0]:    Weighted by gender, enrollment status, and institutional size.
    ${ }^{\mathrm{b}} * \mathrm{p}<.05^{* *} \mathrm{p}<.01 \quad{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{\text {c }}$ Mean difference divided by comparison group standard deviation.

[^1]:    Weighted by gender, enrollment status, and institutional size.
    ${ }^{\mathrm{b}} * \mathrm{p}<.05{ }^{* *} \mathrm{p}<.01{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{c}$ Mean difference divided by comparison group standard deviation.

[^2]:    ${ }^{\text {a }}$ Weighted by gender, enrollment status, and institutional size.
    ${ }^{\mathrm{b}} * \mathrm{p}<.05{ }^{* *} \mathrm{p}<.01{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{\text {c }}$ Mean difference divided by comparison group standard deviation.

[^3]:    Weighted by gender, enrollment status, and institutional size
    ${ }^{\mathrm{b}} * \mathrm{p}<.05{ }^{* *} \mathrm{p}<.01{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{c}$ Mean difference divided by comparison group standard deviation.

[^4]:    ${ }^{\text {a }}$ Weighted by gender, enrollment status, and institutional size.
    ${ }^{\mathrm{b}} * \mathrm{p}<.05^{* *} \mathrm{p}<.01 \quad{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{\text {c }}$ Mean difference divided by comparison group standard deviation.

[^5]:    Weighted by gender, enrollment status, and institutional size.

    * $\mathrm{p}<.05 \quad$ ** $\mathrm{p}<.01 \quad{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{c}$ Mean difference divided by comparison group standard deviation.

[^6]:    Weighted by gender, enrollment status, and institutional size
    ${ }^{\mathrm{b}} * \mathrm{p}<.05 \quad{ }^{* *} \mathrm{p}<.01 \quad{ }^{* * *} \mathrm{p}<.001$ (2-tailed).
    ${ }^{c}$ Mean difference divided by comparison group standard deviation.

[^7]:    ${ }^{\text {a }}$ All statistics are weighted by gender，enrollment status，and institutional size．
    ${ }^{\mathrm{b}}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus／minus the product of 1.96 times the standard error of the mean．
    ${ }^{\text {c }}$ A measure of the average amount individual scores deviate from the mean of all the scores in the distribution．
    ${ }^{\text {d }}$ Degrees of freedom used to compute the t－tests．Values differ from the total Ns due to weighting and the equal variances assumption．
    ${ }^{e}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance．
    ${ }^{\mathrm{f}}$ Effect size is calculated by subtracting the comparison group mean from the school mean，and dividing the result by the standard deviation of the comparison group．

[^8]:    All statistics are weighted by gender，enrollment status，and institutional size．
    ${ }^{\mathrm{b}}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus／minus the product of 1.96 times the standard error of the mean．
    ${ }^{\text {c }}$ A measure of the average amount individual scores deviate from the mean of all the scores in the distribution．
    ${ }^{\text {d }}$ Degrees of freedom used to compute the t－tests．Values differ from the total Ns due to weighting and the equal variances assumption．
    ${ }^{e}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance．
    ${ }^{\mathrm{f}}$ Effect size is calculated by subtracting the comparison group mean from the school mean，and dividing the result by the standard deviation of the comparison group．

[^9]:    All statistics are weighted by gender, enrollment status, and institutional size
    ${ }^{\mathrm{b}}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean
    ${ }^{\text {c }}$ A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

[^10]:    All statistics are weighted by gender, enrollment status, and institutional size.
    ${ }^{5}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.
    ${ }^{\text {c }}$ A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.
    ${ }^{\text {d }}$ Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.
    ${ }^{e}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.
    ${ }^{\mathrm{f}}$ Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.

[^11]:    All statistics are weighted by gender，enrollment status，and institutional size．
    ${ }^{6}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus／minus the product of 1.96 times the standard error of the mean．
    ${ }^{\text {c }}$ A measure of the average amount individual scores deviate from the mean of all the scores in the distribution．
    ${ }^{\text {d }}$ Degrees of freedom used to compute the t－tests．Values differ from the total Ns due to weighting and the equal variances assumption．
    ${ }^{e}$ Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance．
    ${ }^{\mathrm{f}}$ Effect size is calculated by subtracting the comparison group mean from the school mean，and dividing the result by the standard deviation of the comparison group．

[^12]:    ${ }^{\text {a }}$ All statistics are weighted by gender, enrollment status, and institutional size
    ${ }^{\text {b }}$ The $95 \%$ confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.
    ${ }^{\text {c }}$ A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

