

Sample dimensions output of means comparisons provided by the Center for Evaluation, Policy, and Research (CEPR@indiana.edu) for participating sites of the High School Survey of Student Engagement (HSSSE) and Middle Grades Survey of Student Engagement (MGSSE) in partnership with the National Association of Independent Schools (NAIS).

**Sample High School
Means Comparisons of Engagement Dimensions**

| | | SHS | NAIS | | | HSSSE Public | | |
|---|--|------|------|------|--------|-----------------|------|--------|
| | Grade | Mean | Mean | Prob | Effect | Mean | Prob | Effect |
| <i>Cognitive / Intellectual / Academic Engagement</i> | 9th | 34.1 | 34.1 | | 0.02 | 30.5 | *** | 0.79 |
| | 10th | 34.6 | 33.8 | *** | 0.19 | 30.7 | *** | 0.88 |
| | 11th | 34.2 | 34.3 | | -.03 | 30.7 | *** | 0.75 |
| | 12th | 35.0 | 34.5 | * | 0.13 | 31.4 | *** | 0.79 |
| | Total | 34.4 | 34.2 | ** | 0.06 | 30.8 | *** | 0.80 |
| | <i>Cognitive growth through personal skill development</i> | 9th | 11.5 | 11.5 | | -.04 | 9.99 | *** |
| 10th | | 11.5 | 11.3 | * | 0.10 | 10.1 | *** | 0.79 |
| 11th | | 11.4 | 11.3 | | 0.01 | 9.89 | *** | 0.80 |
| 12th | | 11.6 | 11.5 | | 0.09 | 10.2 | *** | 0.77 |
| Total | | 11.5 | 11.4 | | 0.03 | 10.0 | *** | 0.79 |
| <i>Level of effort in academic pursuits</i> | | 9th | 12.1 | 12.0 | | 0.04 | 10.9 | *** |
| | 10th | 12.2 | 11.9 | *** | 0.20 | 10.9 | *** | 0.81 |
| | 11th | 12.0 | 11.9 | | 0.02 | 10.9 | *** | 0.63 |
| | 12th | 12.1 | 11.9 | * | 0.12 | 11.1 | *** | 0.59 |
| | Total | 12.1 | 12.0 | *** | 0.09 | 10.9 | *** | 0.69 |
| | <i>Attitude toward learning</i> | 9th | 6.30 | 6.23 | | 0.07 | 5.62 | *** |
| 10th | | 6.36 | 6.15 | *** | 0.21 | 5.66 | *** | 0.68 |
| 11th | | 6.24 | 6.25 | | -.01 | 5.65 | *** | 0.55 |
| 12th | | 6.43 | 6.30 | * | 0.13 | 5.77 | *** | 0.61 |
| Total | | 6.32 | 6.23 | *** | 0.09 | 5.67 | *** | 0.61 |

***p<.001

Histograms are provided for each response with comparisons between the featured site, the NAIS cohort, and the public school cohort.

