## 2010 SAT Test Results

About the SAT. The SAT is an assessment of student critical reading, mathematical reasoning, and writing skills created and administered through the College Board. The SAT score range is 200 to 800 points in each of the three subtests. A perfect SAT score is 2400 . Students generally take the SAT during their junior or senior year of high school, and many colleges and universities use the SAT to make admission decisions. The College Board provides an annual summary of student performance at the end of each academic year. Results from that annual summary are described in this brief.

Austin ISD participation in the SAT increased. AISD student participation ( $n=2,373$ ) in SAT testing increased in 2010, compared to prior years' participation (Figures 1 and 2). The increase in the 2010 SAT test participation was found for all student groups, except Native American students (less 2 students), Other (less 21 students) and No Response (less 27 students) categories.

Figure 1. Number of AISD Students Taking the SAT


Source. College Board Profile Report, 2010

Figure 2. Description of AISD Students Taking the SAT


The average overall score for AISD students was greater than the state and national averages. Overall AISD student performance on the SAT test remained constant between 2009 and 2010 and compared with district performance 5 years ago. In contrast, the 2010 average scores at the state have declined each year since 2006.

Figure 3. AISD, State, and National Overall Average SAT Scores, 2006-2010


Source. College Board Profile Report, 2010

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Average scores for each subject for AISD students were above those for the state in Critical Reading, Math and Writing. The AISD average score was above the nation in Math and similar to that of the nation in Critical Reading. The AISD average score in Writing was below the nation's. AISD average scores in 2010 decreased slightly in Critical Reading (down 2 points) and in Writing (down 4 points) compared with scores last year (Figures 4-6). State and national average scores also decreased in Critical Reading and Writing since 2006, with the greatest decline occurring for state average scores.

Figure 4. SAT Average Scores: Critical Reading


Between 2009 and 2010, the average SAT score in each subject area increased for Native American, Mexican American, and Puerto Rican students. However, the average scores for White and African American students decreased in each subject area (Table 1). The SAT performance of African American, Mexican American, Puerto Rican, and Other Hispanic students continued to lag behind their White and Asian peers. Since 2006, the average scores for most student groups increased or remained stable with exception of African American student writing scores and the

Figure 5. SAT Average Scores: Math


Figure 6. SAT Average Scores: Writing


Source. College Board Profile Report, 2010 math and writing scores of students who identified themselves as Other Hispanic (Table 2).

Table 1. SAT Average Scores by Subject Area, 2009 and 2010

|  | Critical Reading |  | Math |  | Writing |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ |
| Native American | 528 | 574 | 538 | 548 | 496 | 503 |
| Asian | 547 | 543 | 605 | 617 | 530 | 545 |
| African American | 419 | 407 | 435 | 429 | 408 | 395 |
| Mexican American | 448 | 459 | 475 | 488 | 439 | 445 |
| Puerto Rican | 480 | 504 | 499 | 533 | 490 | 493 |
| Other Hispanic | 444 | 439 | 463 | 464 | 434 | 432 |
| White | 571 | 565 | 594 | 589 | 554 | 549 |

Source. College Board Profile Report, 2010

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Table 2. Change in SAT Average Score Between 2006 and 2010, by Ethnicity

|  | Critical Reading | Math | Writing |
| :--- | :---: | :---: | :---: |
| Native American | 61 | 13 | 10 |
| Asian | 5 | 21 | 25 |
| African American | 0 | 14 | -11 |
| Mexican American | 5 | 9 | 1 |
| Puerto Rican | -1 | 10 | 15 |
| Other Hispanic | -9 | 2 | -11 |
| White | 3 | 13 | 1 |

Source. College Board Profile Report, 2010
While the district overall average was greater than both the national and state averages,
performance by campus varied widely across the district. LASA and Anderson high schools had the highest average scores. Green Tech, LBJ, and Reagan high schools had the lowest average scores.

Table 3. SAT Campus, District, State, \& National Average Scores, 2010

| School | Number <br> Tested |  | Critical <br> Reading | Math | Writing |
| :--- | :---: | :---: | :---: | :---: | :---: | Total

Source. College Board Profile Report, 2010

## Reference

College Board (2010). College-Bound Seniors District Profile Report for Austin Independent School District (AISD), College Board, September 2010.

