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College Admissions Testing Results for Graduating Seniors in Texas Public Schools, Class of 2022

This report presents SAT and ACT examination participation and performance data for graduating seniors in Texas public schools. College admissions examination results are used by colleges and universities to make ad-

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SAT and ACT examination results for public school students are also used in the public school accountability system in evaluating the performance of districts and campuses in the assignment of rating labels and in awarding distinction designations, which recognize school districts and campuses for outstanding achievement in specified academic areas (Texas Education Agency [TEA], 2023d; Texas Education Code [TEC] Chapter 39, Subchapter G,

Admissions Testing General Information, Class of 202 (TEA, 2023a).

It may be informative to compare a group's performance results over time, but the reliability of such comparisons depends on the sizes of all groups. When a group is small, compared to other groups, reliability is reduced, and caution should be used when interpreting change over time. In general, changes in the performance of a large group, such as White SAT examinees in Texas, are less likely to have occurred by chance than changes in the performance of a small group, such as American Indian or Pacific Islander SAT examinees in Texas. The reliability of between-group comparisons also depends on the sizes of the groups. When groups differ substantially in size, comparisons

nonpublic schools combined are presented in the report College Admissions Testing Results for Graduating Seniors in Texas and the United States, Class of 2022 (TEA, 2023c).

Highlights

Comparison of Results Across Years

Beginning with results for the class of 2018, Texas public school SAT and ACT participation rate calculations changed. For the class of 2017 and earlier classes, the Texas Education Agency (TEA) received examinees' scores from the testing companies based on student-reported expected year of graduation. Beginning with the class of 2018, TEA received scores from the testing companies based on year of test administration. Because of the changes in how graduating examinees were identified, caution should be used when comparing participation results for the class of 2018 and later classes with results for the class of 2017 and earlier classes.

Students may take the SAT and ACT more than once. For the class of 2017 and earlier classes, TEA based performance results on each examinee's most recent tests. Beginning with the class of 2018, TEA based performance results on each examinee's best section scores across all tests taken. Those scores were used to calculate SAT total scores and ACT composite scores. An examinee's best scores on the evidence-based reading and writing (ERW) and mathematics sections were summed to calculate the examinee's SAT total score, and an examinee's best English, mathematics, reading, and science section scores were averaged to calculate the examinee's ACT composite score. These SAT total scores and ACT composite scores are commonly known as "superscores." Because of the changes in how examinee scores were calculated, performance results for the class of 2018 and later classes are not comparable to results for the class of 2017 and earlier classes.

Academic Achievement and Postsecondary Readiness Distinction Designations

- Of the 368,683 Texas public high school graduates in the class of 2022, a total of 263,505 (71.5%) took the SAT, the ACT, or both examinations (Table 1 on page 10). The overall SAT/ACT participation rate for the class of 2022 was 0.7 percentage points higher than the rate for the class of 2021 (70.8%).

- For the 231,811 graduates in the class of 2022 who took the SAT, the average reading language arts (RLA) score (where RLA score is defined as an examinee's ERW score) was 506, an increase of 2 points from the class of 2021 (Table 13 on page 23).

- For the 75,392 graduates in the class of 2022 who took the ACT, the average RLA score (where RLA score is defined as the average of an examinee's English and reading scores) was 19.2, a decrease of 0.4 points from the class of 2021 (Table 26 on page 49).

- For graduates in the class of 2022 who took the ACT, the average science score was 19.8, a decrease of 0.5 points from the class of 2021.

- Of graduates in the class of 2022 who took the SAT, 34.1 percent met the college-ready graduates Texas Success Initiative (TSI) criteria for the SAT in both RLA and mathematics (a score of 480 or higher on the ERW section and a score of 530 or higher on the mathematics section), a decrease of 1.0 percentage point from the class of 2021 (Table 12 on page 22).

- Of graduates in the class of 2022 who took the ACT, 27.2 percent met the college-ready graduates TSI criteria for the ACT in both RLA and mathematics (a score of 19 or higher on the English section and on the mathematics section and a composite score of 23 or higher), a decrease of 2.5 percentage points from the class of 2021 (Table 25 on page 48).

SAT and ACT Combined

- Among the 368,683 Texas public high school graduates in the class of 2022, a total of 263,505 (71.5%) took the SAT, the ACT, or both examinations (Table 1 on page 10). Of those examinees, 32.1 percent met the college-ready graduates TSI criteria for the SAT or the ACT in both RLA and mathematics, a decrease of 0.8 percentage points from the class of 2021 (Table 2 on page 11).

- Of the 368,683 graduates in the class of 2022, 22.9 percent met the college-ready graduates TSI criteria for the SAT or the ACT in both RLA and mathematics, a decrease of 0.4 percentage points from the class of 2021 (Table 7 on page 16).

- Of the graduates in the class of 2022, 13.9 percent scored at or above the criterion score on the SAT (a total score of 1180) or the ACT (a composite score of 24), a decrease of 0.1 percentage points from the class of 2021 (Table 8 on page 17).

SAT

- Of the 368,683 Texas public high school graduates in the class of 2022, a total of 231,811 (62.9%) took the SAT examination (Table 10 on page 20). The overall SAT participation rate for the class of 2022 was 2.6 percentage points higher than the rate for the class of 2021 (60.3%).

- Of graduates in the class of 2022 who took the SAT, 34.1 percent met the college-ready graduates TSI criteria for the SAT in both RLA and mathematics, a decrease of 1.0 percentage point from the class of 2021 (Table 12 on page 22).

- For SAT examinees in the class of 2022, the average scores on the separate sections of the test were 506 on the ERW section and 496 on the mathematics section, an increase of 2 points on the ERW section and a decrease of 2 points on the mathematics section, compared to the class of 2021 (Table 13 on page 23). The average total score was 1001, a decrease of 1 point from the class of 2021.

Results for Texas Public Schools: SAT and ACT Combined

Comparison of Results Across Years

Beginning with results for the class of 2018, Texas public school SAT and ACT participation rate calculations changed.

Table 6
SAT and/or ACT Performance Meeting Texas Success Initiative (TSI) College-Ready Criteria in Reading Language Arts and Mathematics (%) by Race/Ethnicity and Gender, Texas Public Schools, Class of 2018

Table 8
SAT and/or ACT Performance At or Above Criterion, All Graduates, by Race/Ethnicity, Texas Public Schools, Classes of 2021 and 2022

	N

Results for Texas Public Schools: SAT

Comparison of Results Across Years

Beginning with results for the class of 2018, Texas public school SAT participation rate calculations changed. For the class of 2017 and earlier classes, the Texas Education Agency (TEA) received examinees' scores from the College Board based on student-

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Table 10
SAT Participation, Texas Public Schools, Class of 2012 Through Class of 2022

Source.

Table 1
SAT Participation, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

Table 14

Table 15
SAT Performance of Racial/Ethnic Groups by Gender, Texas Public Schools, Class of 2022

Table 7
SAT Participation of Examinees Taking SAT More Than Once by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

	N

Table 18
SAT Performance Meeting Texas Success Initiative (TSI) College Ready Criteria of Examinees Taking SAT Once or More Than Once, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

Table 20
SAT Performance Meeting Texas Success Initiative (TSI) - College

Table 20 (continued)
SAT Performance Meeting Texas Success Initiative (TSI) College-Ready Criteria of Examinees Participating in Weekend Testing Only, School-Day Testing Only, or Both, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

	N	N

Table 21
SAT Participation of Examinees Taking SAT More Than Once Among Those Participating in Weekend Testing Only or School-Day Testing Only, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

	N

Table 21 (continued)
SAT Participation of Examinees Taking SAT More Than Once Among Those Participating in Weekend Testing Only or School-Day Testing Only, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

Table 2
SAT Performance of Examinees Participating in Weekend Testing Only, School-Day Testing Only, or Both, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

Table 2 (continued)
SAT Performance of Examinees Participating in Weekend Testing Only, School-Day Testing Only, or Both, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

Results for Texas Public Schools: ACT

Comparison of Results Across Years

Beginning with results for the class of 2018, Texas public school ACT rate calculations changed. For the class of 2017 and earlier classes, the Texas Education Agency (TEA) received examinees' scores from ACT, Inc., based on student-reported expected year of graduation. Beginning with the class of 2018, TEA received scores from ACT, Inc., based on year of test administration. Because of the changes in how graduating examinees were identified, caution should be used when comparing participation results for the class of 2018 and later classes with results for the class of 2017 and earlier classes.

Students may take the ACT more than once. For the class of 2017 and earlier classes, TEA based performance results on each examinee's most recent test. Beginning with the class of 2018, TEA based performance results on each examinee's best section scores across all tests taken. Those scores were used to calculate ACT composite scores. An examinee's best English, mathematics, reading, and science section scores were averaged to calculate the examinee's ACT composite score. This ACT composite score is commonly known as a "superscore." Because of the changes in how ACT examinee scores were calculated, performance results for the class of 2018 and later classes are not comparable to results for the class of 2017 and earlier classes.

Table 23
ACT Participation, Texas Public Schools, Class of 2012 Through Class of 2022

Source.

Note

College Admissions Testing General Information, Class of 2022

College Admissions Testing Glossary of Terms, Class of 2022

Table 24

Table 30

ACT Participation of Examinees Taking ACT More Than Once by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

Table 31 (continued)
ACT Performance Meeting Texas Success Initiative (TSI) College Ready Criteria of Examinees Taking ACT Once or More Than Once, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

				N

Table 31 (continued)

Table 32 (continued)
ACT Performance of Examinees Taking ACT Once or More Than Once, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

Table

Table 3 (continued)
ACT Performance Meeting Texas Success Initiative (TSI) College-Ready Criteria of Examinees Participating in Weekend Testing Only, School-Day Testing Only, or Both, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

	N	N

Table 3 (continued)
ACT Performance Meeting Texas Success Initiative (TSI) College-Ready Criteria of Examinees Participating in Weekend Testing Only, School-Day Testing Only, or Both, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

	N	N

Table 24
ACT Participation of Examinees Taking ACT More Than Once Among Those Participating in Weekend Testing Only or School-Day Testing Only, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Classes of 2021 and 2022

	N

Table 3
ACT Performance of Examinees Participating in

Table 53 (continued)
ACT Performance of Examinees Participating in Weekend Testing Only, School-Day Testing Only, or Both, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, Class of 2021 and 2022

Texas Education Agency
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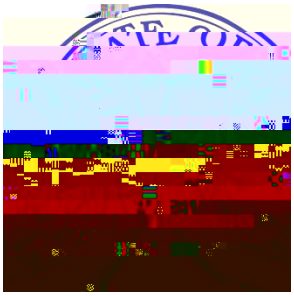

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