

## **Critical Evidence 4.7.1**

### **Excerpt from TAC Presentation Regarding Validity Research**

# Validity Studies

## Preliminary Validity Study Purpose

- + As part of the redesign of the SAT<sup>®</sup>, the College Board conducted a pilot study to examine the predictive validity of redesigned SAT scores with college outcomes.

## Process

- + Fifteen four-year institutions administered a pilot form of the redesigned SAT<sup>®</sup> to a sample of first-year, first-time college students very early in the fall semester of 2014.
  - Measures were taken to ensure that the redesigned SAT was administered to students under standardized conditions and that students were motivated to perform well on the test.
- + Participating institutions provided the College Board with these students' first-year performance data in June 2015
- + These data allowed the College Board to analyze the relationships between SAT scores and college performance.

# Participants

- + The 15 participating institutions varied by size, selectivity, public/private, and region.
- + 2,050 students were included in the final sample, and varied by race/ethnicity, best language, parental education, and parental income level.

## Key Findings

- + The redesigned SAT covers the content and skills that research shows matter most for college readiness – and it remains as predictive of college success as the current SAT.
- + Redesigned SAT scores improve the ability to predict college performance above high school GPA alone.
- + There is a strong, positive relationship between redesigned SAT section scores and grades in matching college course domains, suggesting that the redesigned SAT is sensitive to instruction in English language arts, math, science, and history/social studies.

# National Validity Study of the Redesigned SAT®

- + After the first administration of the redesigned SAT in March 2016, the College Board will launch a more comprehensive, longitudinal national SAT validity study in partnership with colleges and universities.
- + This study will examine the relationship between SAT scores and important college outcomes such as GPA, course grades, persistence, and completion.
- + Initial findings from this large-scale study will be available in 2019.

\*Institutions interested in participating in the upcoming national validity study of the redesigned SAT should contact [nsatvastudy@collegeboard.org](mailto:nsatvastudy@collegeboard.org) prior to September 2018.

# Validity Research Update – operational work

- + **Operational** redesigned SAT predictive validity evidence will be available Summer/Fall 2019 and will continue over time.



Outcomes for study (as they become available) include:

- course grades
- grade point average
- retention
- graduation