

score as a predictor of success on PPST mathematics. The probabilities were estimated for the Virginia qualifying scores on each PPST test: 178 for PPST reading and 178 for PPST mathematics.

The SAT score scale was revised in April of 1995; therefore, scores were approved for test takers prior to April 1, 1995, and those who took the test after April 1, 1995. At least three states use the SAT as a substitute test for Praxis I – Connecticut, Delaware, and Georgia. Two of the states also have established correspondences between ACT and SAT I scores. The correspondences between ACT and SAT I scores were established from College Board Report No. 99-1; ETS RR No. 99-2 titled, *Correspondences Between ACT and SAT I Scores*, Neil J. Dorans, College Entrance Examination Board, New York, 1999. This study was the source for the ABTEL recommendation for Virginia. The full study with concordance tables for mathematics, English Plus Reading and composite scores is available at: www.collegeboard.com/research/home.

Summary of Major Elements:

Relationships among the different scales of the ACT and SAT I, two nationally known college admission tests, are described in the context of the conceptual framework developed and explained in the 1999 College Board study titled, *Correspondence Between ACT and SAT I Scores*. Users want to know how scores on the ACT and the SAT I are related. Dorans, Lyu, Pommerick, and Houston (1997) presented correspondences between SAT I and both the ACT Sum and the ACT Composite. Data from that study are used to provide examples of both concordances and predictions among various scores on the two prominent tests. Sums of scores, composites of scores, and individual scores are examined.

Currently, three other states (Georgia, Delaware, and Connecticut) use the SAT as a substitute test for Praxis I. Of those three states, two have concordances between the SAT and the ACT score. Georgia accepts ACT scores in lieu of Praxis I with a minimum score of 21 on the English subtest and 22 on the mathematics subtest. Connecticut accepts ACT scores of 22 on the English subtest, and no less than 19 on the mathematics subtest if taken on or after October 1989 and no less than 20 on the English subtest and no less than 17 on the mathematics subtest if taken prior to October 1989. The state of Delaware does not accept the ACT, but will accept a combination of Praxis I, SAT, GRE, California Basic Educational Skills Test (CBEST), and NTE communication skills to satisfy the Praxis I portion of the state's assessment requirements.

ACT scores based on Concordance Between SAT I Mathematical and ACT Mathematics Scores (table 7); Concordance Between ACT English Plus Reading and SAT I Verbal Scores (tables 14 and 15); and Concordance Between ACT Sum and SAT I Verbal and Mathematics Scores (table A.3); were used to arrive at the recommended ACT scores to use as a substitute test for Praxis I.

Superintendent's Recommendation:

The Superintendent of Public Instruction recommends that the Board of Education waive first review and approve the following ABTEL proposal as an ACT substitute test for Praxis I:

Prior to April 1, 1995 -- a composite score of 21 (concordance with the combined SAT 1000 score), with the ACT mathematics score no less than 21 (concordance with the 510 SAT mathematics score), and an ACT English and Reading score no less than 37 (concordance with 450 SAT verbal score).

After April 1, 1995 – a composite score of 24 (concordance with the combined SAT 1100 score), with the ACT mathematics score no less than 22 (concordance with the 530 mathematics score), and an ACT English Plus Reading score no less than 46 (concordance with the 530 SAT verbal score).

Impact on Resources: There will be no impact on resources with the implementation of this recommendation.

Timetable for Further Review/Action: