

# Variations in Mathematics Test Scores among Boys and Girls across SACMEQ School Systems and across Provinces in Kenya (2007)

The mathematics scores were derived from a mathematics test that was based on careful analyses of official curricula in all the 15 SACMEQ school systems. During the SACMEQ II Project (2000), the test was analyzed and scored using Rasch methods. The test scores were then transformed so that pupils from all the school systems were placed on one common scale with a mean score of 500 and a standard deviation of 100. During the SACMEQ III Project (2007), the test scores from both studies (i.e. SACMEQ II and SACMEQ III) were equated using Rasch methods. Thus, valid comparisons can be made across the 15 school systems, between provinces in Kenya, and between girls and boys.



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Mathematics Scores

