

# Funding Formulas for California Schools: Further Analysis

This document provides links to more detailed analysis of themes developed in “Funding Formulas for California Schools: Simulations and Supporting Data.” For the most part, the analysis consists of data supplementing figures, tables, and equations in that paper. For example, Figure 1 in the paper plots the percentage of students in a school who are proficient in statewide tests against the percentage of students who are English learners. The plot is for proficiency rates of elementary schools on the 2007 English-Language Arts California Standards Test (CST). A link is provided below to the same plot for proficiency rates of elementary schools on the 2007 Mathematics CST and for proficiency rates of middle and high schools on both the 2007 English and Mathematics CST.

To clarify the connection between the paper and the further analysis, the figures, tables, and equations below are labeled to correspond to the figures, tables, and equations in the paper. For example, Figure 1.B is a variant of Figure 1 in the paper.

This document also provides a link to an Excel spreadsheet with the revenue each school district received in 2004-2005 and the revenue it would have received under one set of parameters for the school finance system proposed by Bersin, Kirst, and Liu.

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Economically Disadvantaged Students

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English Learners

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Equation 1. Proficiency Rates as Linear Function of Percent Economically Disadvantaged and Percent English Learners (PDF)

English-Language Arts CST, Elementary Schools, 2007

Mathematics CST, Elementary Schools, 2007

English-Language Arts CST, Middle Schools, 2007

Mathematics CST, Middle Schools, 2007

English-Language Arts CST, High Schools, 2007

Mathematics CST, High Schools, 2007

Equation 2. Academic Performance Index as Linear Function of Proficiency Rates on English-Language Arts CST and Mathematics CST (PDF)

Elementary Schools, 2007

Middle Schools, 2007

High Schools, 2007

## Simulation Results

The following link provides access to an Excel spreadsheet with simulation results for the Bersin-Kirst-Liu proposal with the following parameter values:

- A base rate of \$6,200
- A special education rate of \$800
- A targeted rate of \$1,500

Districts are held harmless, and revenues are adjusted for regional wage differences. For each district, the spreadsheet shows revenue per ADA for each program that the district received in 2004-2005 (denoted "2004-05" in the spreadsheet) and what it would have received under the Bersin-Kirst-Liu proposal (denoted "BKL" in the spreadsheet).

Funding Formulas for California Schools: Simulation Results (XLS)