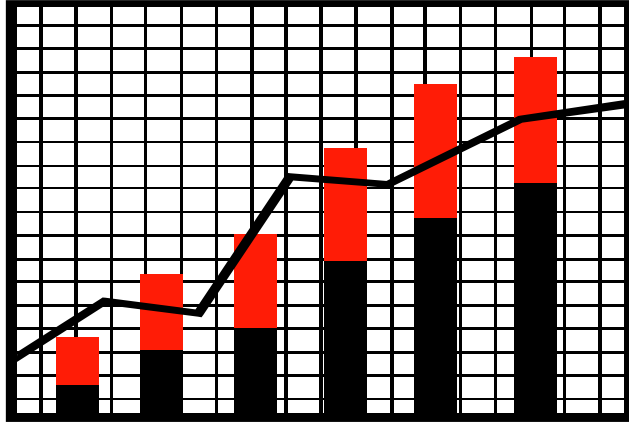


Topics in Statistics



Focus on Mathematics Seminar

Presented by Paul Goldenberg, *Education Development Center, Inc.*

Thursday, February 26

3:00 – 6:00 PM

Arlington High School - Library

From the Standards to state frameworks to published curricula (both reform and traditional), there is total agreement that right from the early grades a mathematics education must teach children how to assess chance and analyze data.

The ideas and techniques involved are important, but even those that seem most accessible---and are, in fact, taught to young children---hide within themselves some astonishing subtleties. While it is true that some of the subtleties of any subject matter must be overlooked as we teach to the young, many of the subtleties of data analysis are the very core of the subject. Overlooking them becomes a serious distortion.

Perhaps the most serious distortion is that statistical techniques Reveal Truths that are already in the data, but hidden from view. To make this concrete, this seminar presents two sample problems similar to ones found in many curricula and point out some ways in which these problems, by their nature, give dubious messages about statistical reasoning.



Seminar is limited to 50 participants. Spaces will be filled on a first-come basis so be sure to register early! Deadline for registration is February 23. Please see your district leader for registration information and easy directions to Arlington High School. Refreshments will be served from 3:00 to 3:20, and the seminar will begin promptly at 3:30. Please email registrations to Taylor Amaio: tamaio@edc.org by Monday, February 23.