

CHAPTER 4

EDUCATION - PUBLIC SCHOOLS

HOUSE BILL 08-1024

BY REPRESENTATIVE(S) Merrifield, Benefield, Borodkin, Butcher, Carroll M., Carroll T., Casso, Fischer, Frangas, Gagliardi, Gallegos, Green, Kerr A., Labuda, Levy, Madden, Massey, McFadyen, Peniston, Pommer, Summers, and Todd;
also SENATOR(S) Windels, Bacon, Boyd, Gordon, Groff, Isgar, Kester, Kopp, Mitchell S., Morse, Penry, Schwartz, Shaffer, Spence, Tapia, Tochtrop, Tupa, and Williams.

AN ACT

CONCERNING THE STATISTICAL MODEL FOR DETERMINING LONGITUDINAL ANALYSIS OF COLORADO STUDENT ASSESSMENT PROGRAM ASSESSMENTS.

Be it enacted by the General Assembly of the State of Colorado:

SECTION 1. 22-7-604.3 (2) (a) and (3) (a), Colorado Revised Statutes, are amended to read:

22-7-604.3. Academic growth calculation - model - rule-making. (2) **Development of model - technical advisory panel.** (a) Within fifteen days after receipt of the recommendations of the technical advisory panel pursuant to subparagraph (1) of paragraph (b) of this subsection (2), the department shall choose an experienced public or private entity, with a strong national reputation, to revise the longitudinal growth model developed prior to January 1, 2007, pursuant to subsection (3) of this section to ensure that it is appropriate for designating longitudinal growth achievement for individual schools and that it considers state longitudinal growth models approved by the United States department of education. No later than sixty days after being chosen, the contractor shall adapt an existing ~~mixed-effects~~ statistical model for use in Colorado to calculate students' annual academic growth and to calculate annually the amount of each student's and each school's academic growth in reading, writing, and mathematics over the periods between the administration of the CSAP assessments, which calculation shall be based on students' CSAP scores.

(3) **Academic growth calculation model.** (a) On or before thirty days after the receipt of the recommendations of the technical advisory panel pursuant to paragraph (c) of subsection (2) of this section, the state board shall consider the

Capital letters indicate new material added to existing statutes; dashes through words indicate deletions from existing statutes and such material not part of act.

model developed pursuant to subsection (2) of this section and the findings and recommendations of the technical advisory panel and shall adopt by emergency rule a ~~mixed-effects~~ statistical model used to calculate the annual academic growth of students and schools that shall be a scientifically rigorous statistical model available in the public domain. After the promulgation of the emergency rule, the state board shall promulgate permanent rules on adopting the statistical model. ~~The state board may adopt a hierarchical linear model as the statistical model or some variation of such a model.~~

SECTION 2. 22-11-305 (1) (b) (I), Colorado Revised Statutes, is amended to read:

22-11-305. Governor's distinguished improvement awards - repeal. (1) (b) (I) As soon as practicable after the adoption of the ~~mixed-effects~~ statistical model pursuant to 22-7-604.3 (3) (a), the technical advisory panel shall recommend to the state board and the state board shall by rule establish a new method to identify schools that demonstrate the highest rate of academic growth based upon the ~~mixed-effects~~ statistical model. Subject to available appropriations, until the adoption of rules pursuant to this subparagraph (I), the department shall continue to present honorary or financial awards pursuant to this section under the rules existing as of January 1, 2007.

SECTION 3. Safety clause. The general assembly hereby finds, determines, and declares that this act is necessary for the immediate preservation of the public peace, health, and safety.

Approved: February 14, 2008