



School of Education, University of Colorado Boulder
Boulder, CO 80309-0249
Telephone: 802-383-0058

NEPC@colorado.edu
<http://nepc.colorado.edu>

RESEARCH-BASED OPTIONS FOR EDUCATION POLICYMAKING

Dropout Prevention

*William Mathis, University of Colorado Boulder
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Dropouts are, without a doubt, an important social, economic and educational issue. Life chances for steady employment and a living wage are dramatically lower for those without a high school diploma. The average high school graduate earned \$42,000 in 2008 while the average dropout's salary was \$23,000. Graduates also have higher employment rates, better health histories and lower incarceration rates.¹

As demonstrated by President Obama's proposals on high school dropouts in his state of the union message² and in policy pronouncements,³ this issue is garnering a great deal of political attention. With revisions to the federal Elementary and Secondary Education Act (currently called NCLB) on the horizon, dropout rates may also play a role as an accountability measure.⁴

Incidence: Trying to bring some order to the variety of ways dropouts are defined,⁵ the federal government adopted a more rigid, rigorous and uniform definition, which counts everyone who does not graduate from high school in the standard four years.⁶ This change was not without controversy, as some groups argued that students who took longer or who took alternate paths should be counted.⁷

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November of 2012 saw the first nationwide federal report of dropout rates using the new definition.⁸ The results showed the following patterns: overall graduation rates were in the 70% to 85% range, depending on the state; rates for Black children were in the 60% to 75% range; Hispanic children were in the 60% and 80% range; and children from lower-income households graduated in the 60% to 80% range. In a separate estimate (which is consistent with other sources) females graduate at a 7% higher rate than their male peers.⁹

Causes and Contributing Factors: There is no single factor that explains or predicts the likelihood of dropping-out. A complex mix of individual, family, school and community factors leads to “a long process of disengagement that may begin before a child enters school.”¹⁰ The National Dropout Prevention Center identified 25 significant predictors. Typically, students are at risk when they have several (three or more) of the risk factors. These include items such as low socioeconomic status, students holding jobs, low parental educational level, family disruption, low education expectations, high-risk peer groups, low achievement, poor attendance and misbehavior.¹¹ A key lesson from this research is that the core underlying reasons primarily lie outside the school.¹² As educators have little control over individual risk factors, social conditions, and larger social problems, they are faced with effectively dealing with the manifestation of external factors.¹³ In fact, schools, by themselves control only about 20% of the variance in dropout rates.¹⁴ Accordingly, reducing dropout rates requires solutions that go beyond (yet certainly include) school functions.

“Dropout Factories”: A great deal of recent rhetoric has used the term “Dropout Factory” to refer to a school with more than 40% attrition of the student cohort from ninth grade through graduation. Non-promoted students are considered as dropouts in this definition.¹⁵ These so-called “dropout factories” have twice the minority enrollment percentages of other US schools; they are concentrated in southern and southwestern states and in major cities. The students in these schools should unquestionably be a focus of dropout prevention efforts. But the term is misleading, given that the schools are a relatively small part of the process leading to dropping out (and may in fact be a positive force, counter-acting outside-school causes). These schools have almost twice the poverty rate (69%) of the nation (35%), and the research is clear that “Poverty is the key correlate.”¹⁶

Dropout Prevention Programs: The federally funded “What Works Clearinghouse” reviewed the research on effective dropout prevention programs, examining six program categories and finding four to be moderately successful and two to be minimally successful.¹⁷

Moderately successful strategies

- Assign qualified adult advocates to students at risk of dropping out, maintain low caseloads, and purposefully match students with adults.
- In conjunction with other supports, provide academic support and enrichment.
- Personalize the learning environment and instructional process, provide encouragement and support, and establish a sense of belonging and a positive school climate.

- Provide rigorous and relevant instruction, giving students the skills to graduate and skills that are directly relevant to that student's post-secondary options.

Minimally successful strategies

- Little evidence of dropout reduction is seen from implementing systems aimed at collecting and analyzing comprehensive, long-term data using unique student IDs.
- Programs for classroom behavior and social skills have proven to be more effective at pre-school levels rather than at higher levels.

Policy Recommendations

- Because most dropout risk factors are centered outside the school, it is vital for schools to coordinate with social and health agencies to address the underlying core causes. Multiple risk factors must be addressed with multiple strategies, focused on students' personal assets and on skill building, academic support, family outreach and environmental change.¹⁸
- Implement high-quality early education programs, which have been shown to reduce dropouts as well as improve a broad range of social, economic and educational factors.¹⁹
- Educators must be trained to spot and report dropout warning signs such as home troubles, absenteeism, social difficulties, disengagement, and poor grades, in order to initiate vital early reporting and intervention strategies.²⁰
- Schools should assign adult advocates, with appropriate backgrounds and low caseloads, to work with students with a high risk of dropping-out. Adequate training and support is crucial.²¹
- Schooling itself does play an important role. Schools can keep students engaged and successful if they provide academic support, challenging but engaging and relevant instruction, and post-secondary guidance geared to the needs of the individual, all *in conjunction with* other supports.²²
- Laws should require students to attend school until age 18 or graduation.²³
- Schools, districts and states should avoid or revoke policies that discourage successful school completion such as grade retention,²⁴ high school exit examinations,²⁵ and out-of-school suspensions for minor offences.²⁶
- Since schools have limited control over most causes of dropouts,²⁷ great care should be taken in the design of any school accountability system that incorporates dropout rates.²⁸ Policymakers should not, as a matter of ethics and common sense, hold schools responsible for matters that are not within their control and for which the policymakers themselves do not provide adequate resources to resolve.

- Schools must consciously and deliberately work to create safe and welcoming school environments and cultures.²⁹

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