

Authors

Michael Kremer The University of Chicago

David Evans World Bank

Muthoni Ngatia World Bank

The Impact of Distributing School Uniforms on Children's Education in Kenya

David Evans*

Michael Kremer"

Müthoni Ngatia

November 2009

Abstract; In the context of widespread efforts to reduce school fees, an increasing share of the costs of schooling come in the feem of school materials and opportunity costs. We evaluate the impact of an educational intervention in which a Kenyan non-governmental organization distributes school uniforms to children in poor communities. The NOO used a lottery to determine who would receive uniforms. We use winning the lottery as an instrumental variable to identify the impact of receiving a uniform. We find that giving a school uniform reduces school absenteeism by 44% for the average student, and 62% for students who dad not previously own a uniform. The program also raised test scores for recipients by 0.25 standard deviations in the year after inception.

kcinewiedgreents: Special thesis to Desid Blackburs, Mariesa Coloselli, Promine Dapes, Caroline Hostly, Lewrence Getz, Edward Mignel, OwenOries, and Bayer Wend for helpful or meners. Thorsis also to Predire Ambusi, Cherles Kesa, Invalida Makukha, Hellers Massenbe, Hellers Mukanda, Caroline Nelsona, Evelyne Ruo, Musesen Wednali, and Joseph Washkengs for data garbering and insigle into program administration.

The Impact of Distributing School Uniforms on Children's Education in Kenya

In the context of widespread efforts to reduce school fees, an increasing share of the costs of schooling come in the form of school materials and opportunity costs. We evaluate the impact of an educational intervention in which a Kenyan non-governmental organization distributes school uniforms to children in poor communities. The NGO used a lottery to determine who would receive uniforms. We use winning the lottery as an instrumental

The World Bank, denne 200 ook bank and

[&]quot;Economics Department, Harrard University, pilesmet@fes.hervard.edu

Economics Department, Yale University, mathesi, spatis@enle.edu



variable to identify the impact of receiving a uniform. We find that giving a school uniform reduces school absenteeism by 44% for the average student, and 62% for students who did not previously own a uniform. The program also raised test scores for recipients by 0.25 standard deviations in the year after inception.

November 01, 2009