



Efficiency of Public Education in a Multiproduct Context: The Case of Colombian Municipalities

Working Paper No. 979 Keep in mind

The series Working Papers on Economics is published by the Office for Economic Studies at the *Banco de la República* (Central Bank of *Colombia*). It contributes to the dissemination and promotion of the work by researchers from the institution. This series is indexed at Research Papers in Economics (RePEc).

On multiple occasions, these works have been the result of collaborative work with individuals from other national or international institutions. The works published are provisional, and their authors are fully responsible for the opinions expressed in them, as well as for possible mistakes. The opinions expressed herein are those of the authors and do not necessarily reflect the views of Banco de la República or its Board of Directors.

AUTHOR OR EDITOR Ligia Alba Melo Lucas Wilfried Hahn Dalma Sofía Ariza Cristian Oswaldo Carmona
This paper estimates the local efficiency of the public provision of education in Colombia between 2007 and 2014. The empirical analysis relies on a multiproduct function that assesses public performance considering two types of education products: quality and enrolment. Results for Colombian municipalities show efficiencies that vary between 10% and 90%, suggesting that better results in quality and enrolment in public education could be accomplished using the same resources. Sources of inefficiency are explored, such as institutional environment and fiscal autonomy. Differing regional patterns are observed for the cases of education quality and enrolment.

The series Borradores de Economía is published by the Economic Studies Department at the Banco de la República (Central Bank of Colombia). The works published are provisional, and their authors are fully responsible for the opinions expressed in them, as well as for possible mistakes. The opinions expressed herein are those of the authors and do not necessarily reflect the views of Banco de la República or its Board of Directors.