Working Paper No. 254

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*). 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

Peter Rowland

This study uses two different econometric frameworks to study exchange rate pass-through to import, producer and consumer prices in Colombia. Both frameworks are based on vector autoregressive (VAR) models, the first using an unrestricted VAR model, and the second using the Johansen framework of multivariate cointegration. Exchange rate pass-through is shown to be incomplete. Import prices, nevertheless, respond quickly to an exchange rate change, where some 80 percent of such a change is passed onto prices of imports within 12 months. The corresponding figure for producer prices is 28 percent and for consumer prices less than 15 percent, where for the latter the two different frameworks yield rather different results. We can, however, conclude that pass-through is modest for producer prices

and very limited for consumer prices. An exchange rate shock does, therefore, only have little impact on consumer price inflation.