

Contextualizing Stunted Child Growth and Development within a Broader Framework of Demographic Transition and Epidemiologic Transition

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ABSTRACT

This study proposes a broader framework of demographic and epidemiologic transition for contextualizing changes in stunted child growth and development. A complete model test using random effects modeling incorporating the influences of three economic forces, the proximate macro-economic force, time-specific effect, and region-specific effect, strongly supports the efficacy of the proposed framework for explaining the national stunted growth rates in less-developed countries. Policy implications are discussed.

Key Words: demographic transition, epidemiologic transition, stunted child growth and development

人口轉型與疾病轉型脈絡下的 兒童生長遲緩發展

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摘 要

本研究提出以人口轉型與疾病轉型廣泛的架構解釋開發中國家兒童生長遲緩率的發展。完整的隨機效果模型涵蓋三個先前經濟力、晚近總體經濟力、時間特定效果以及區域特定效果所進行的跨國資料檢驗，強烈支持人口轉型與疾病轉型對開發中國家兒童生長遲緩發展影響的同時效果與部分時間遞延效果。本研究有其廣泛之政策涵義。

關鍵字：人口轉型、疾病轉型、兒童生長遲緩發展