



# Nutritional Deficits and Cognitive Developmental Trajectories in Early Childhood: A Malnutrition Impact Framework in Chad

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## Abstract

Malnutrition is a significant public health issue in early childhood development, particularly in resource-limited settings such as Chad, where it can lead to long-term cognitive deficits. The approach is purely theoretical and employs a comprehensive review of existing literature on nutrition, child development, and cognitive function in low-income settings. While this framework underscores the profound impact of malnutrition on cognition, it also identifies potential interventions and strategies that could mitigate these effects. Policy makers should prioritise nutrition-focused programmes to support vulnerable populations in Chad and potentially across similar contexts. Early intervention initiatives are crucial for reversing the cognitive deficits associated with malnutrition.

**Keywords:** *Cognitive Disruption, Developmental Trajectories, Malnutrition Impact, Nutritional Deficits, Socioeconomic Status, Stunting, Urbanization Effects*

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