





USAID ADVANCING NUTRITION KENYA

Kitui County Multi-Sectoral Nutrition (MSN) Investment Case



Undernutrition increases the risk of illness and death in children

- Undernutrition is the single most important contributor to child mortality.
- Malnutrition is associated with an estimated 50% of childhood deaths.
- Recent studies demonstrate that underweight children have 2.74% higher risk of dying.



Stunting caused by undernutrition can lead to low progression in life

- Children stunted before the age of 5 are more likely to underperform in school.
- Stunted children have a higher risk of repeating grades.
- Stunting in children has a negative impact on their productivity later in life.

Effects of Child Undernutrition on Productivity, Health, and Education

136.67 children under 5 in Kitui







underweight



The economic impact associated with underweight and stunted **children** is significant with far reaching effects on:



Productivity

The current workforce has been impacted by increasing child mortality rates and reduced adult productivity.



Health

Increased child illness and death from undernutrition can strain already limited health resources.



Education

Most stunted people of working age in Kitui have not completed primary school. 276 million KSh (1.95 million USD);

0.27% of GCP

estimated **amount lost** in Kitui county in 2022 due to undernutrition

Cost-Effectiveness of MSN Interventions and Investments

Total Cost for 5 years



3.67 billion KSh (35.27 million USD)

cost of county interventions (2023-2027)

Projected Health Cases Averted



cases of stunting



child deaths



cases of adolescent anemia



cases of anemia in pregnancy

39,162 KSh (376 USD) cost per DALY averted

9: I benefit-cost ratio

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