

Child stuntedness

An overview from Machine Learning

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Growth stunting

“Growth stunting is defined by comparing measurements of children’s heights to the NCHS² growth reference population: children who fall below the fifth percentile of the reference population in height for age are defined as stunted. As an indicator of nutritional status, comparison of children’s measurements with growth reference curves may be used differently for populations of children than for individual children. However, if substantially more than 5% of an identified child population have height for age that is less than the fifth percentile on the reference curve, then the population is said to have a higher-than-expected prevalence of stunting, and inadequate nutrition is generally the first cause considered.”

²National Center for Health Statistics

Child malnutrition

Stunting trending

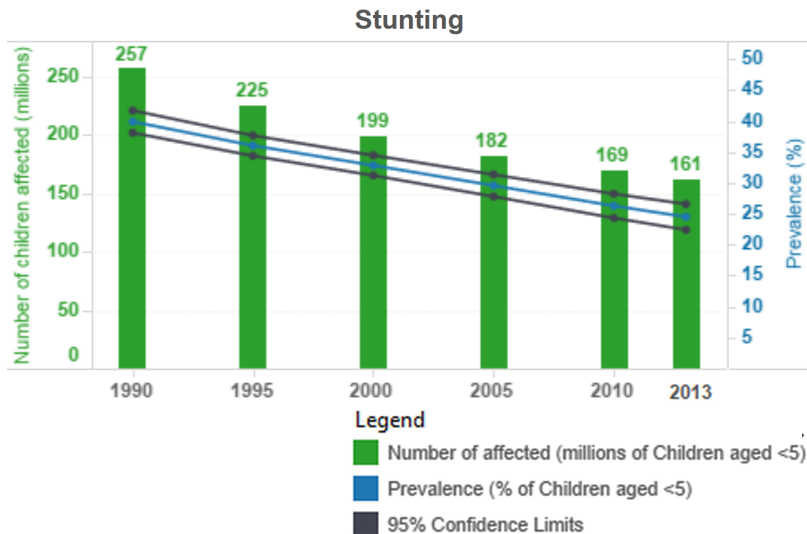


Figure: Child malnutrition trend for stunting (According to Unicef).

Stunting around the world

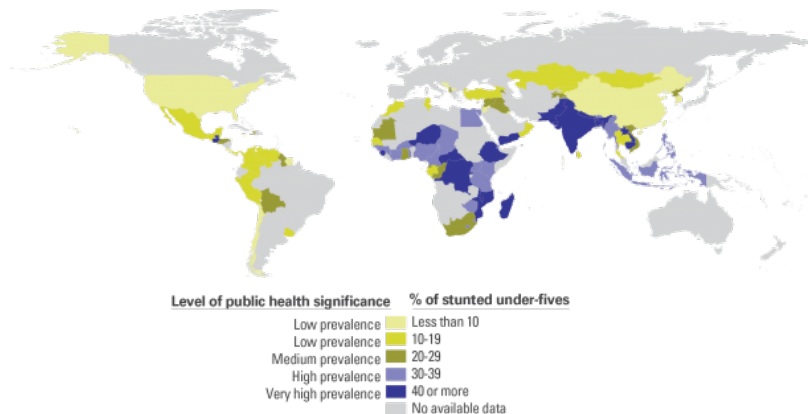


Figure: Undernutrition contributes to half of all deaths in children under 5 and is widespread in Asia and Africa Percentage of under-five children who are stunted, 2008 - 2013).