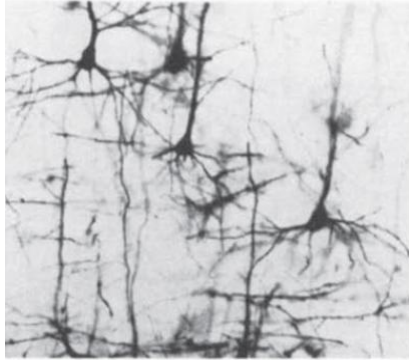


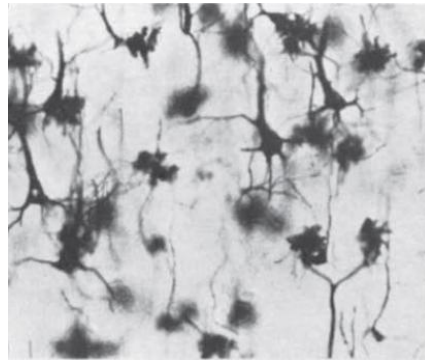
Stunting and brain development

Normal

Stunted



Typical brain cells
Extensive branching



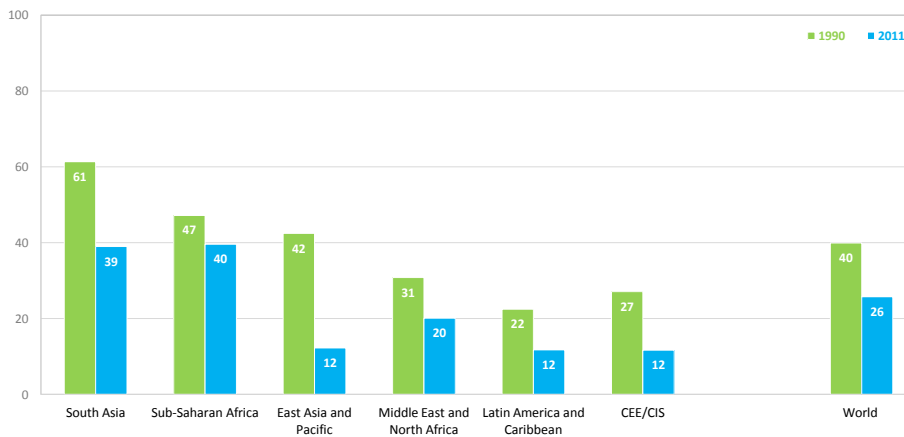
Impaired brain cells
Limited branching
Abnormal, shorter branches

Source: Cordero E et al, 1993

3

Reducing stunting prevalence: progress in all regions

Proportion of under-five children who are stunted (%), 1990 and 2011

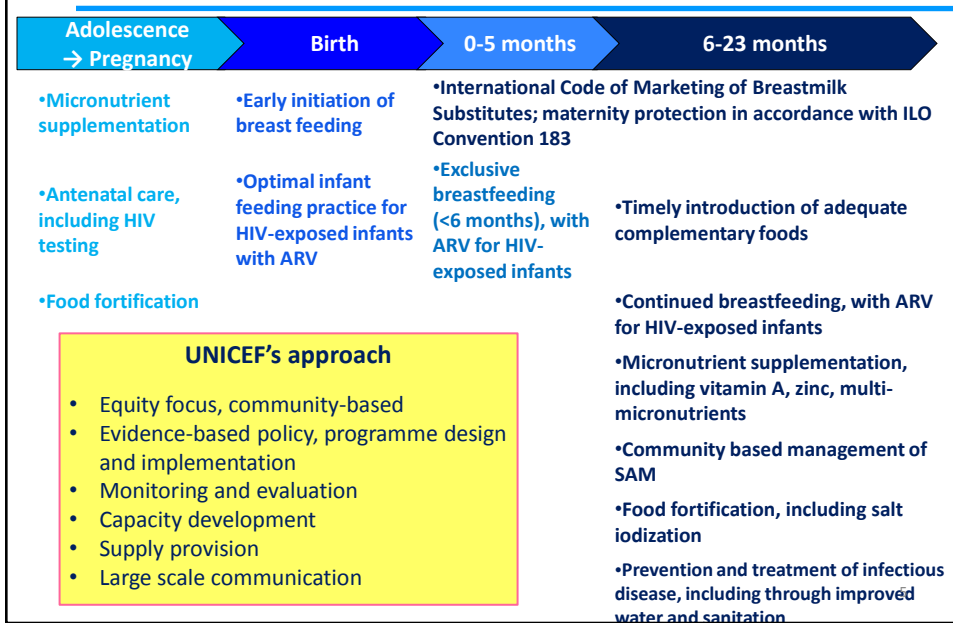


Note: Numbers reported are prevalence estimates (% per cent) of children under five years of age with low height-for-age (stunting) (moderate or severe) according to the WHO (2006) reference standard.

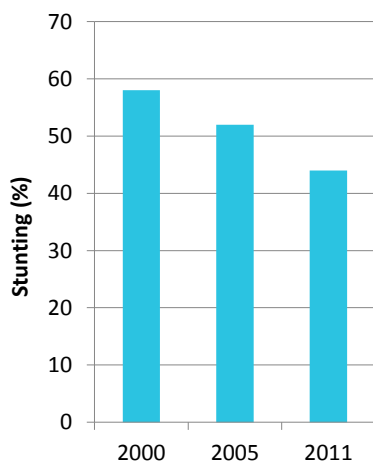
Source: WHO and UNICEF analysis of the Who and UNICEF Joint Global Nutrition Database, 2011 revision (completed July 2012); United Nations, Department of Economic and Social Affairs, Population Division (2011). The data presented here supersede relevant historical data previously published by WHO and UNICEF

4
Statistics and Monitoring Section/DPP

UNICEF's work in the window of opportunity



Ethiopia's strategies lead to stunting reduction

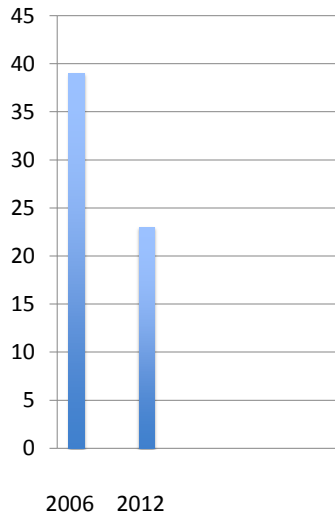


Success factors

- Comprehensive national nutrition strategy
- Expanded and effective community based nutrition (CBN) programme
- Expanded treatment of severe acute malnutrition and micronutrient supplementation
- Improved management of diarrhoea and respiratory infection
- Large Productive Safety Net Programme

Sources: DHS 2000, 2005, 2011

Stunting reduction among under – 2's in Maharashtra



Success factors

- Declared state priority, with special management system.
- Scale up of improved service delivery through ICDS & NRHM in stages
- Training of community workers, clear job description, improved motivation
- Filling vacancies, improved supervision
- Community-based growth monitoring, focus on under – 2's
- Improved infant feeding & maternal care

A wise and timely investment

The critical 1000 day period for ensuring adequate child nutrition is short ...



... yet this window presents immense, long-term opportunities for poverty alleviation, human capital formation and sustainable development.