

MALNUTRITION

A Global Threat

A ROAD TO NUTRITION SECURITY

MALNOURISHED

[mal-nur-isht] ; - adjective

A physiological condition caused by inadequate or excessive consumption of nutrients.



Malnourishment has two forms:



Overnourishment



This results in overweight and obesity, and is defined as abnormal or excessive fat accumulation that may impair health.



Undernourishment



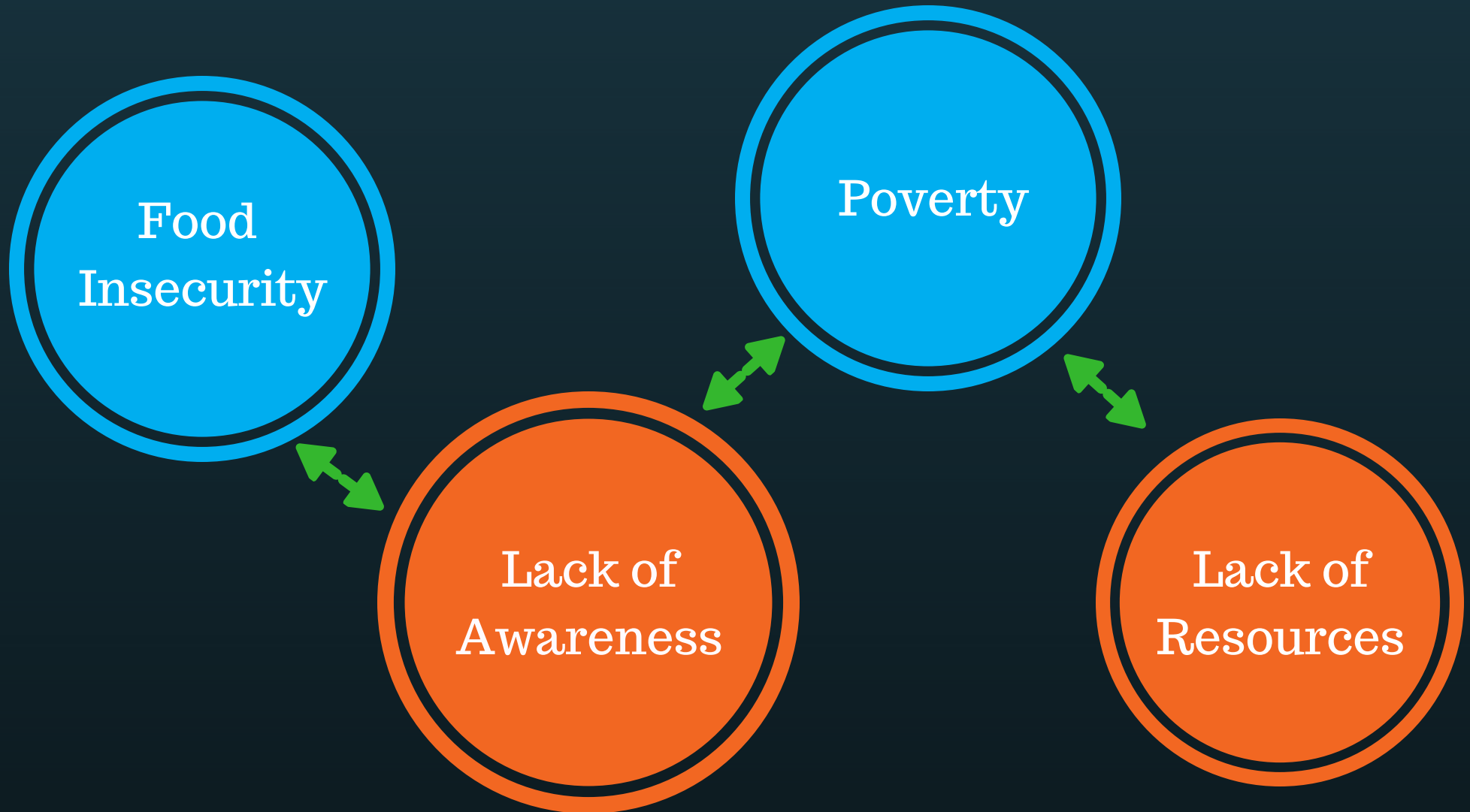
A condition that includes being underweight for age, too short for age (stunted), too thin relative to height (wasted) and functionally deficient in vitamins and minerals (micro nutrient malnutrition).



(WHO)

WHO has reported hunger and malnutrition as the greatest single global health challenge

Major Causes of Undernourishment are:





**ABOUT 795 MILLION
PEOPLE**

**ADULTS AND
CHILDREN ARE
AFFECTED YEARLY BY
MALNUTRITION
WORLDWIDE**

One in three people on this Earth suffer from some form of malnourishment



Undernourishment globally impacts,



MOBILITY



Productivity



ECONOMIC GROWTH



Whereas, Over-nutrition leads to

A diagram illustrating the health consequences of over-nutrition. At the top, the text 'Whereas, Over-nutrition leads to' is written in a bold, black, serif font. Below this text is a horizontal line of orange dots. From this line, five arrows of different colors (dark blue, green, orange, light blue, and red) point downwards and then curve to the right, each pointing towards a specific health condition. The conditions are listed in a bold, black, serif font: 'Cardiovascular diseases', 'Diabetes', 'Cancer', 'Obesity', and 'Respiratory Disorders'. The arrows are arranged in a staggered fashion, with the dark blue arrow pointing to 'Cardiovascular diseases', the green arrow to 'Diabetes', the orange arrow to 'Cancer', the light blue arrow to 'Obesity', and the red arrow to 'Respiratory Disorders'. The background is white, and there are three vertical pink lines on the right side of the image.

**Respiratory
Disorders**

Obesity

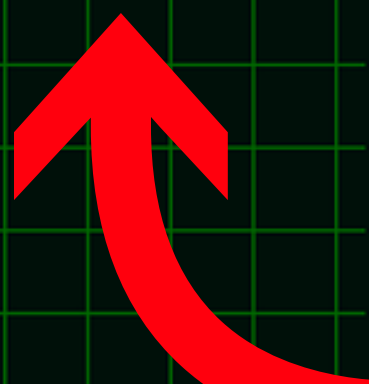
Cancer

**Cardiovascular
diseases**

Diabetes




Globally 17,000
malnourished
children die
every day



5.2M
CHILDREN(of age <5) DIE EACH
YEAR IN DEVELOPING COUNTRIES
DUE TO MALNOURISHMENT

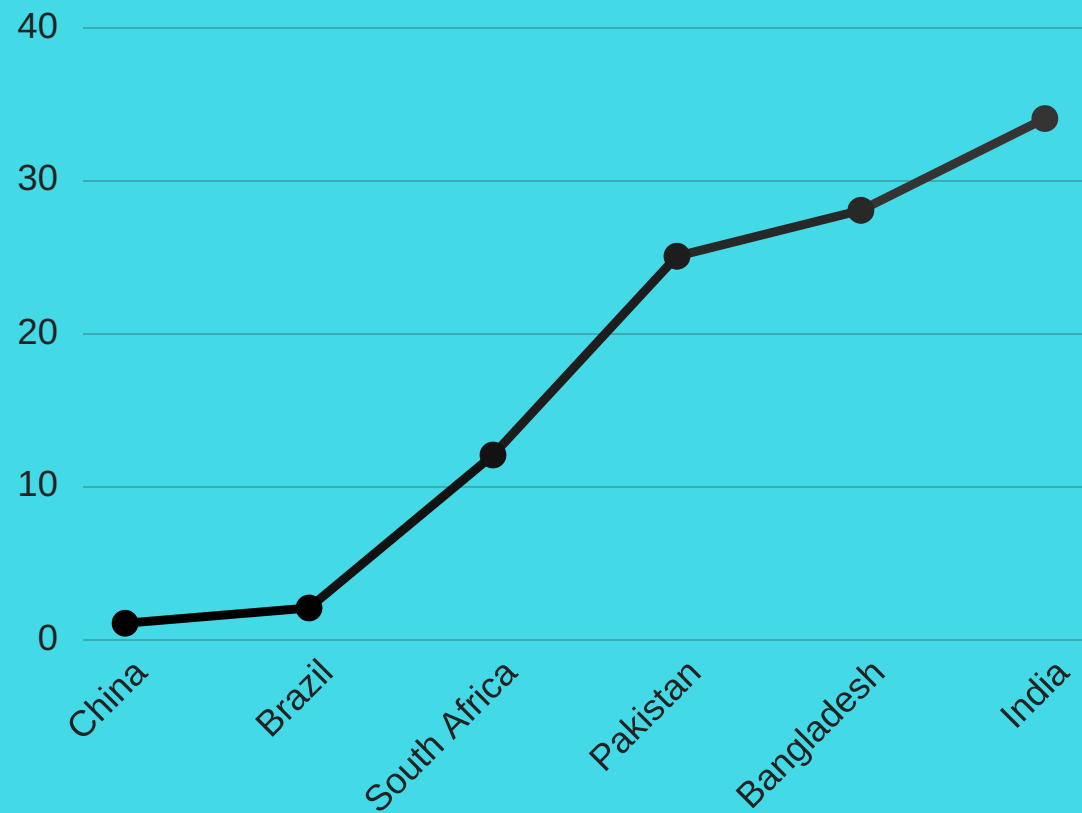
50% of Undernourished
children
live in South Asia



A low-angle, upward-looking photograph of several modern skyscrapers with glass facades, creating a sense of height and urban density. The buildings are arranged in a circular pattern around the center, with their lines converging towards the top of the frame. The sky is a pale, hazy blue. The text is overlaid in the center, with the word 'NOT' in red for emphasis.

IT IS A COMMON
MISCONCEPTION THAT
MALNUTRITION DOES
NOT AFFECT
URBAN AREAS

34% OF URBAN INDIAN CHILDREN ARE MALNOURISHED (HIGHEST % IN THE WORLD)



6 states account for more than 60% of India's malnutrition cases

- 1) Uttar Pradesh
- 2) Maharashtra
- 3) Tamil Nadu
- 4) Gujarat
- 5) Odisha
- 6) Andhra Pradesh

17000 kids died due to malnutrition in Maharashtra

In
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Child mortality rate falling, but 17,000 a day still die

LAURAN NEERGAARD THE ASSOCIATED PRESS
Published September 16, 2014 - 11:16am



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Bombay HC concerned over 17,000 deaths

Several programs have been launched to combat undernourishment



- UNICEF: Child Malnutrition Program
- WHO: The Health Growth Project
- UN World Food Program: Developing Micro Nutrient Powders
 - World Bank : Integrated Child Development Services
 - PG & E - CARE: Assisted Nutrition Programs
 - MOSW - Special Nutrition Program (SNP)
 - GOI - Balwadi Nutrition Program



AN ADDITIONAL

7 BILLION \$

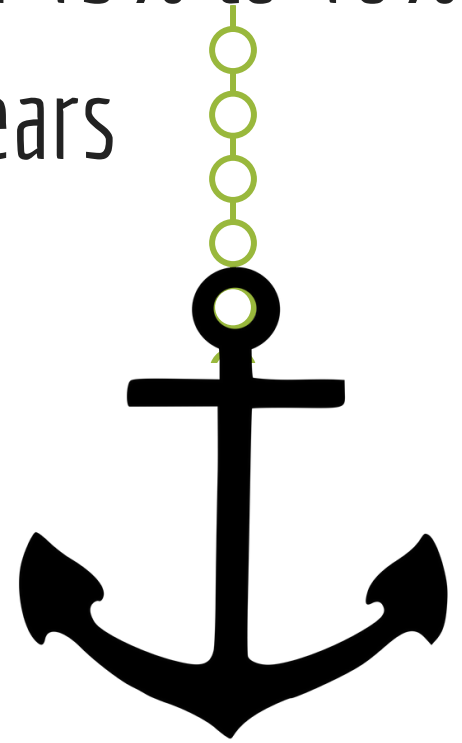
IS NEEDED PER YEAR TO COUNTER MALNUTRITION
GLOBALLY.

1.3BN

Dollars worth of funds are provided annually by the Indian government for child health in India which is equivalent to 0.5% of the total GDP of the country.



Underweight prevalence has declined from 43% to 40%
in India for the age group 0-3 years



Long

Way

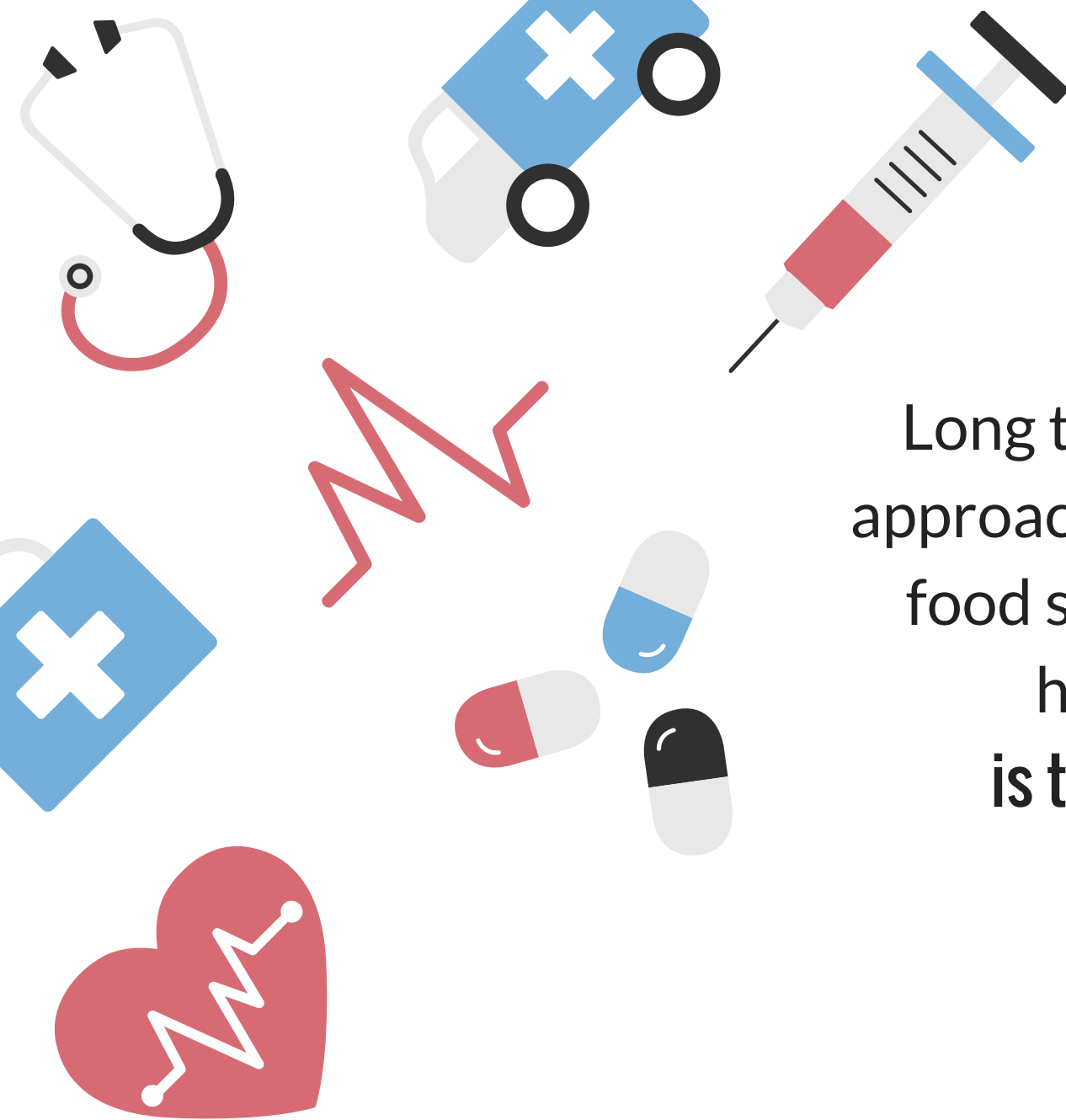
**But, there is still a long
way to go**

**One dollar invested in nutrition
gives a rate of return of \$16 in terms
of generating resources and
increasing productivity
(GNR, 2015).**

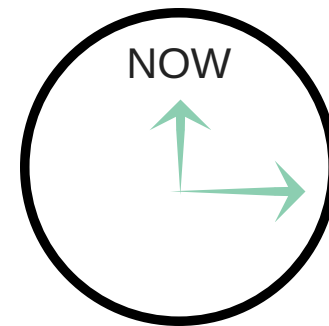


1\$ 16\$





Long term, self sustainable
approaches, along with proper
food supplementation and
health education
is the need of the hour



TERI and other partner organisations have joined hands to address the issue of malnourishment

