

Hidden Hunger affecting more than 3 billion people

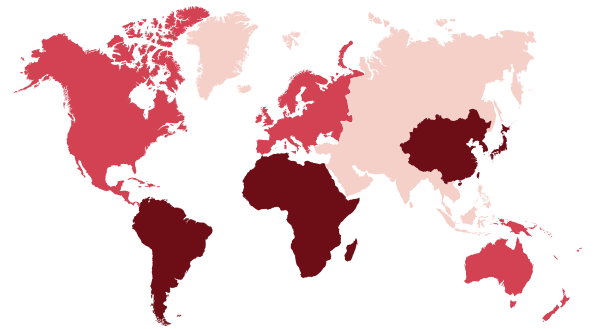


2 in 3  **&** **1 in 2** 

...are micronutrient deficient – lacking vitamin A, iron, zinc, or folic acid, putting them at risk of a weak immune system, slow growth and low productivity

9 in 10 

...in several countries in South Asia and Sub-Saharan Africa have at least one micronutrient deficiency



Even high-income countries have high levels of micronutrient deficiencies, however Africa and Asia are the regions more affected

Women with at least one micronutrient deficiency

1 in 2 
UK women

1 in 3 
US women

IRON

1 in 5 
US & UK women have an iron deficiency

Impact of micronutrient deficiencies



Severe consequences: birth defects, blindness, reduced growth, cognitive impairment, decreased school productivity, and even death

Proven cost effective solutions to be scaled up to close the micronutrient gap

Staple Food Fortification



Fortified rice



Fortified staple food (flour, oil, salt)

Multiple Micronutrient Supplements (MMS)



For pregnant women

Micronutrient Powders (MNP)



For children and vulnerable populations

At dsm-firmenich we are committed and engaged to enable the micronutrient gap of 800 million vulnerable people to be closed by 2030. We can provide proven cost effective solutions and technical support for our public and private partners. Together, we can deliver high quality nutrition interventions everywhere they are needed to achieve maximum impact.

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Reference: Stevens GA, Beal T, Mbuya MNN, Luo H, Neufeld LM. Micronutrient deficiencies among preschool-aged children and women of reproductive age worldwide: a pooled analysis of individual-level data from population-representative surveys. The Lancet Global health. 2022;10(11):e1590–e1599.

*Women = Non-pregnant women of reproductive age **Child = Preschool-aged children

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