

# MULTI-SECTORAL NUTRITION

Global Learning and Evidence Exchange

Washington, DC



## Review of the Evidence: Nutrition-Specific Actions

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Strengthening Partnerships, Results  
and Innovations in Nutrition Globally

# Lancet 2013

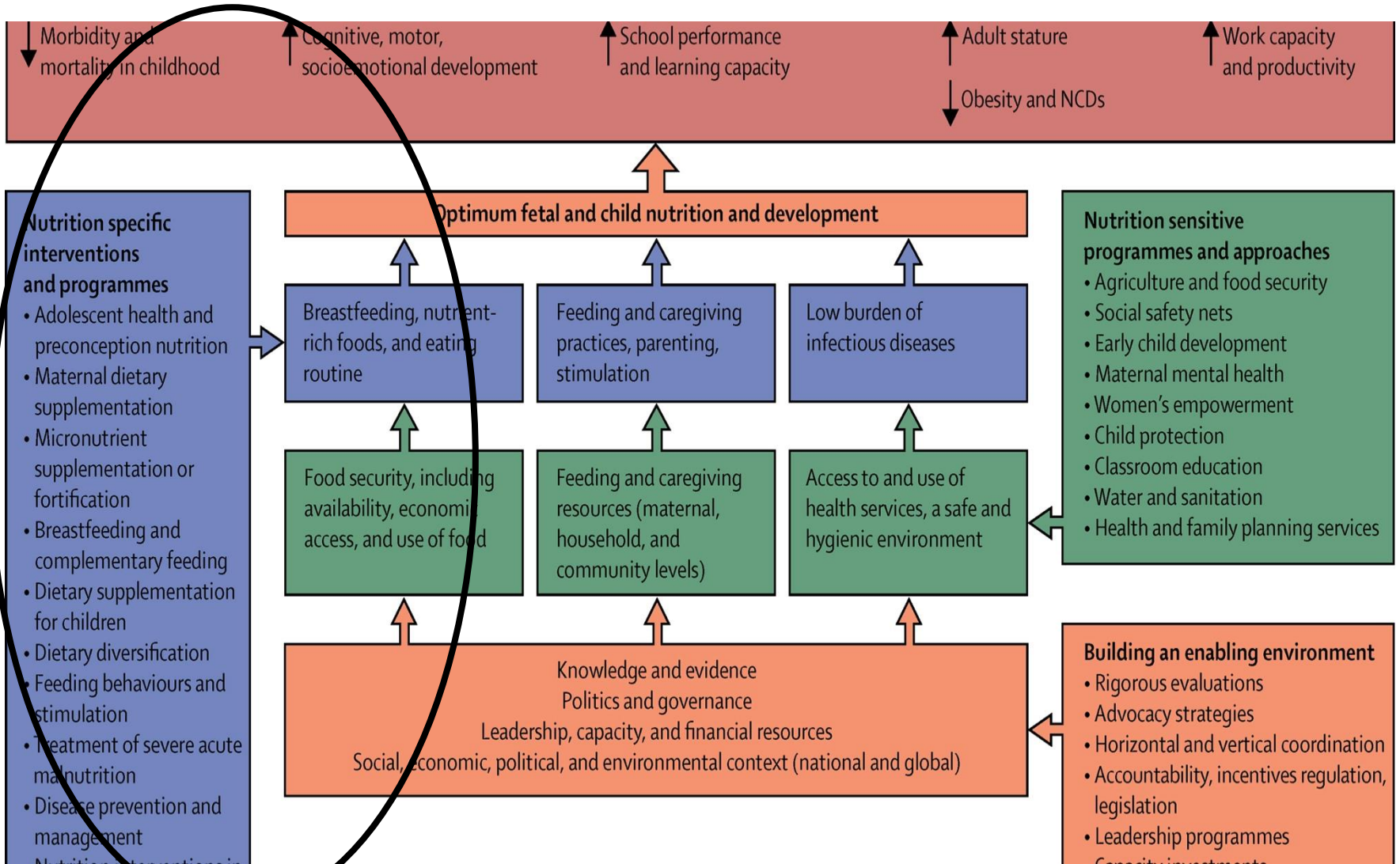
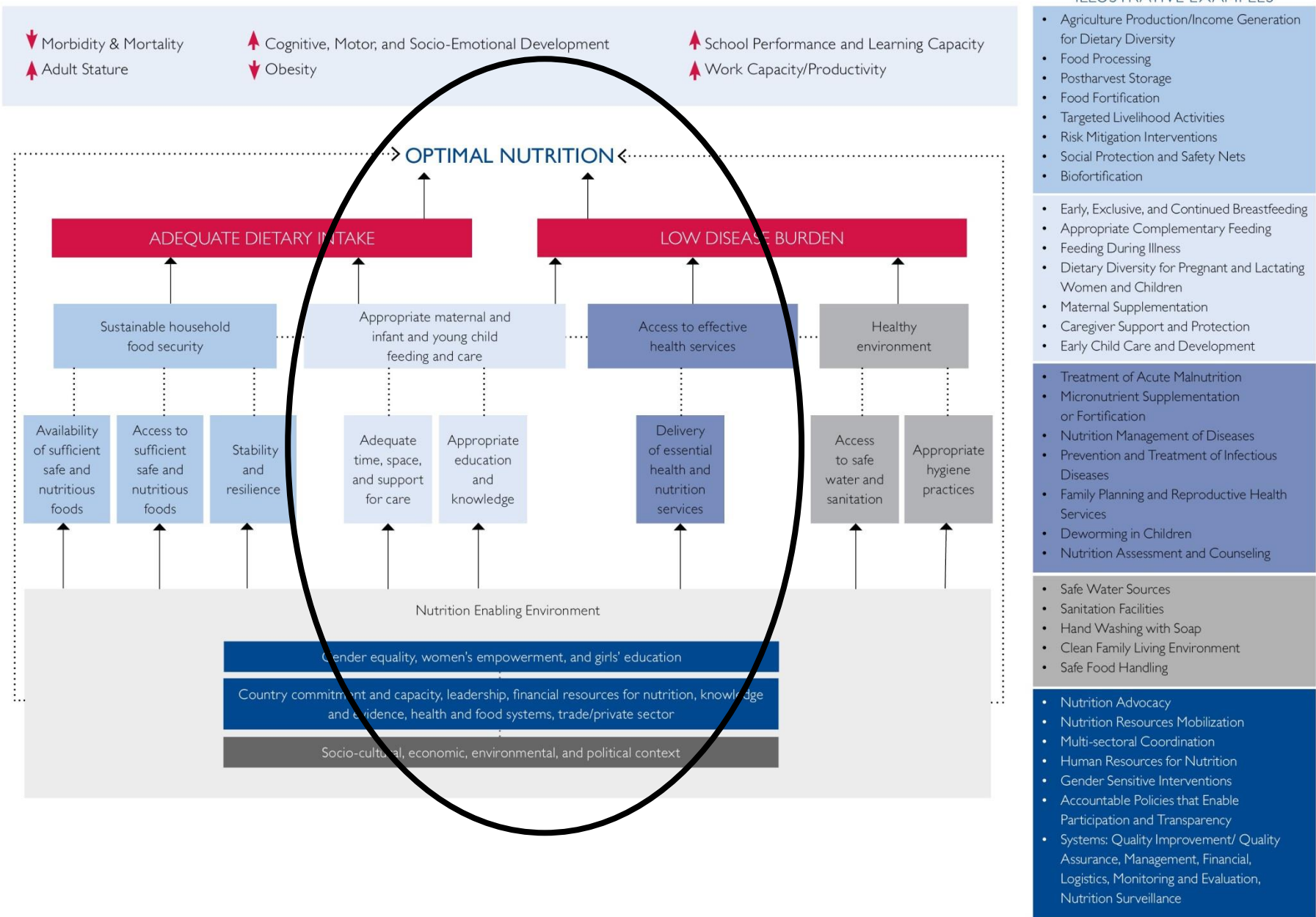


FIGURE 1: USAID MULTI-SECTORAL NUTRITION CONCEPTUAL FRAMEWORK

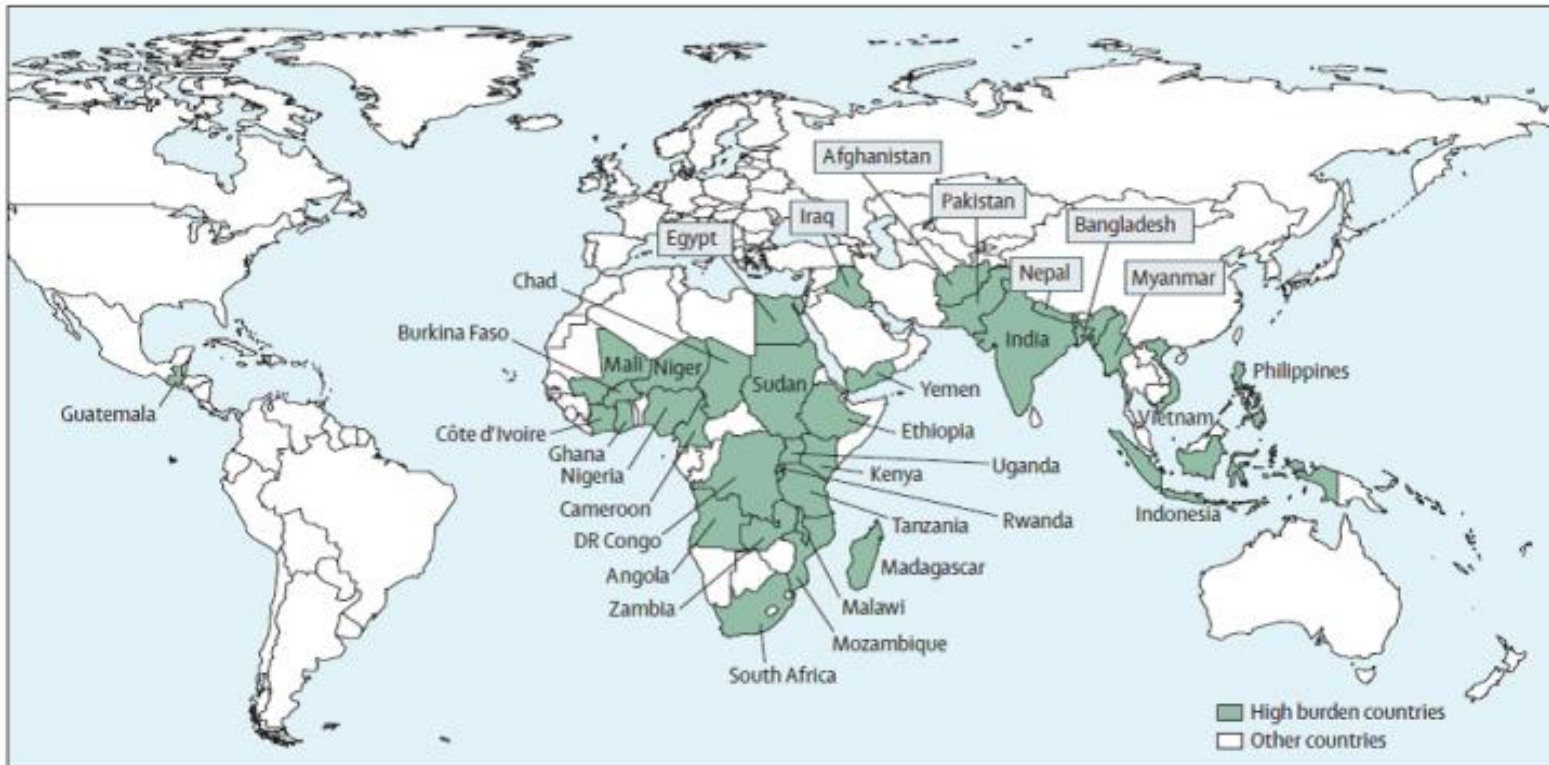
Adapted from UNICEF, 2013<sup>15</sup> and Black et al., 2013<sup>2</sup>





# We Know the “Where”

- 34 countries account for 90% of the global burden of malnutrition.



**Figure 3: Countries with the highest burden of malnutrition**  
These 34 countries account for 90% of the global burden of malnutrition.

# We Know the “What”

- Scaling up **10 nutrition-specific interventions** to 90% coverage in 34 high-burden countries would reduce stunting by 20%.



Source: The Lancet, 2013

# Lancet 10 Nutrition-Specific Interventions

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## **Pre-conception**

1. Pre-conception folic acid supplementation or fortification

## **Pregnancy**

2. Maternal multiple micronutrient supplementation
3. Maternal balanced energy & protein supplementation
4. Maternal calcium supplementation

## **Early Infancy and Young Childhood**

5. Promotion of breastfeeding
6. Appropriate complementary feeding
7. Vitamin A supplementation
8. Preventative zinc supplementation
9. Management of SAM
10. Management of MAM

# Multiple Micronutrient Supplementation of Pregnant Women

- 11-13% reduction in low birthweight and SGA births
- Same effects on anemia and IDA as IFA supplementation
- Some data on effect on early childhood growth



Source: The Lancet, 2013



# Maternal Calcium Supplementation

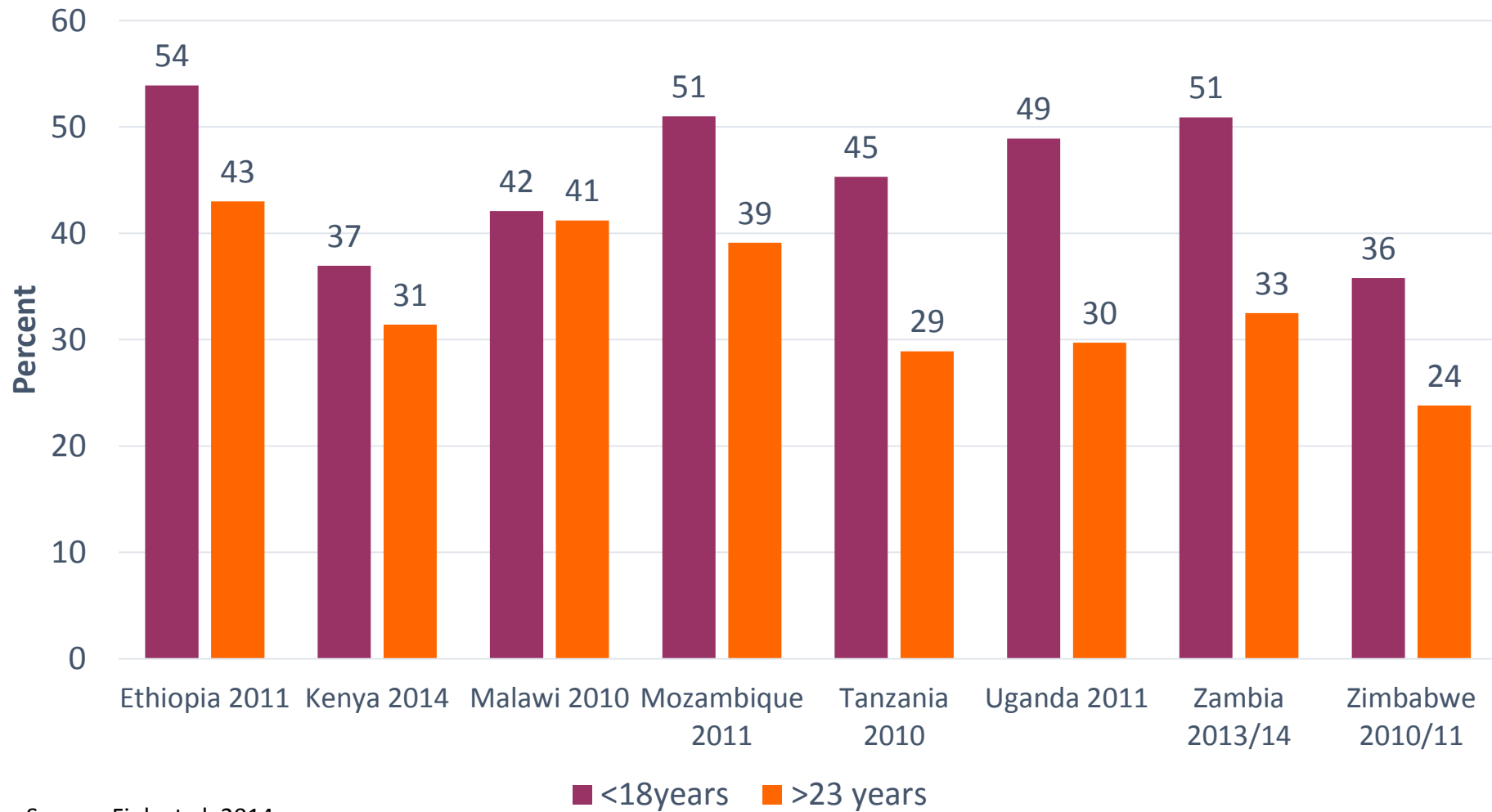
- 35% reduction in the incidence of gestational hypertension
- 55% reduction in pre-eclampsia
- 24% reduction in preterm births



Source: The Lancet, 2013



# Prevalence of Stunting in Children under Age 5 by Maternal Age



Source: Fink et al, 2014

# Where the Rubber Meets the Road: What do We Know about the “How”?

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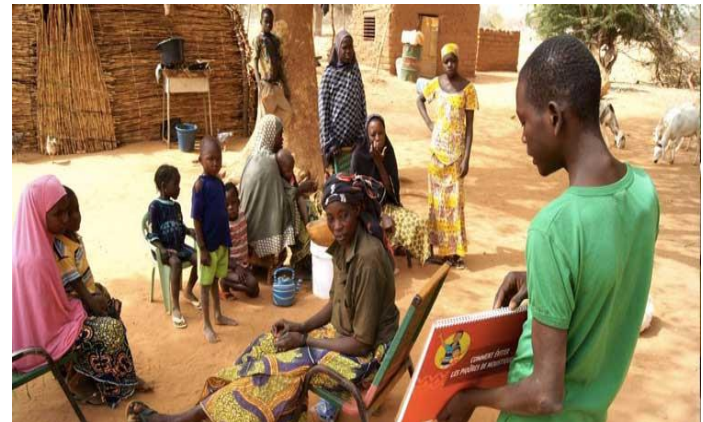
- **Scaling up** 10 nutrition-specific interventions **to 90% coverage** in 34 high-burden countries would reduce stunting by 20%.



*Source:* The Lancet, 2013

# Delivery Platforms for Nutrition-Specific Interventions

- Health facilities
- Community platforms
- Child health days
- Fortification
- School-based services





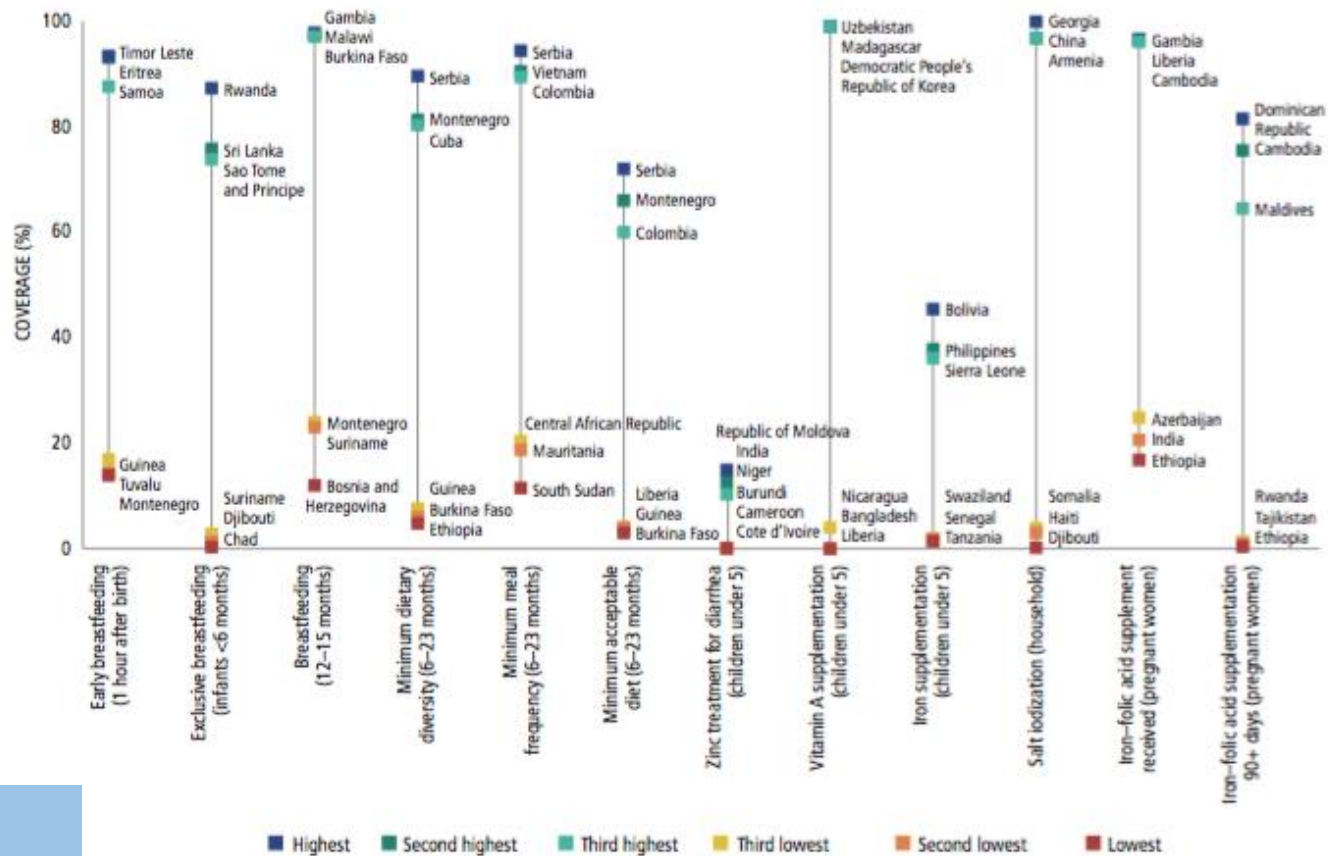
# Nutrition-Specific Intervention Coverage

Coverage or Practice Indicator	Associated Intervention	Countries with Data	Median % Coverage or Practice
Infants < 6 months who were exclusively breastfed	Protection, promotion, support of BF	122	27 %
Children 6–23 months fed the minimum meal frequency	Promotion of complementary feeding	82	57%
Children 6–59 months who received two doses of vitamin A supplements	Vitamin A supplementation	57	79%
Women with a birth in last five years who received IFA during their most recent pregnancy	Multiple MN supplementation (pregnant women)	57	78%
Children 0–59 months with diarrhea who received zinc treatment	Zinc treatment	39	2%
Household consumption of adequately iodized salt	Universal salt iodization	83	61

Source: GNR, 2016

# Nutrition-Specific Intervention Coverage Rate by Country

FIGURE 5.5 Countries with the highest and lowest coverage rates of 12 interventions and practices to address maternal and child malnutrition

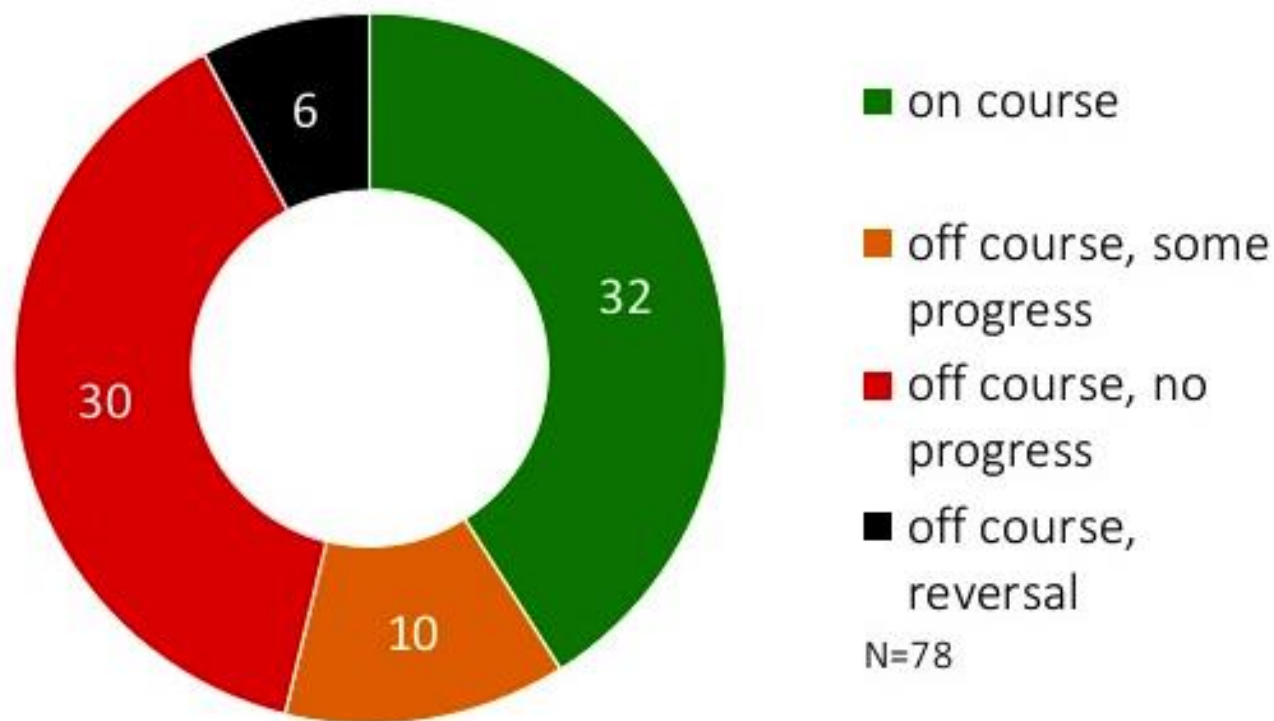


10 Lancet interve  
+ 2 WHO interve  
2013

# Progress on Meeting Targets: Exclusive Breastfeeding

Less progress. Not much data. Reversals even.

Number of countries on course to meet global (WHA) targets



Countries experiencing a reversal: Cuba, Egypt, Kyrgyzstan, Mongolia, Nepal and Turkey



# Progress on Meeting Targets: Stunting Reduction

Number of countries on course to meet global (WHA) targets



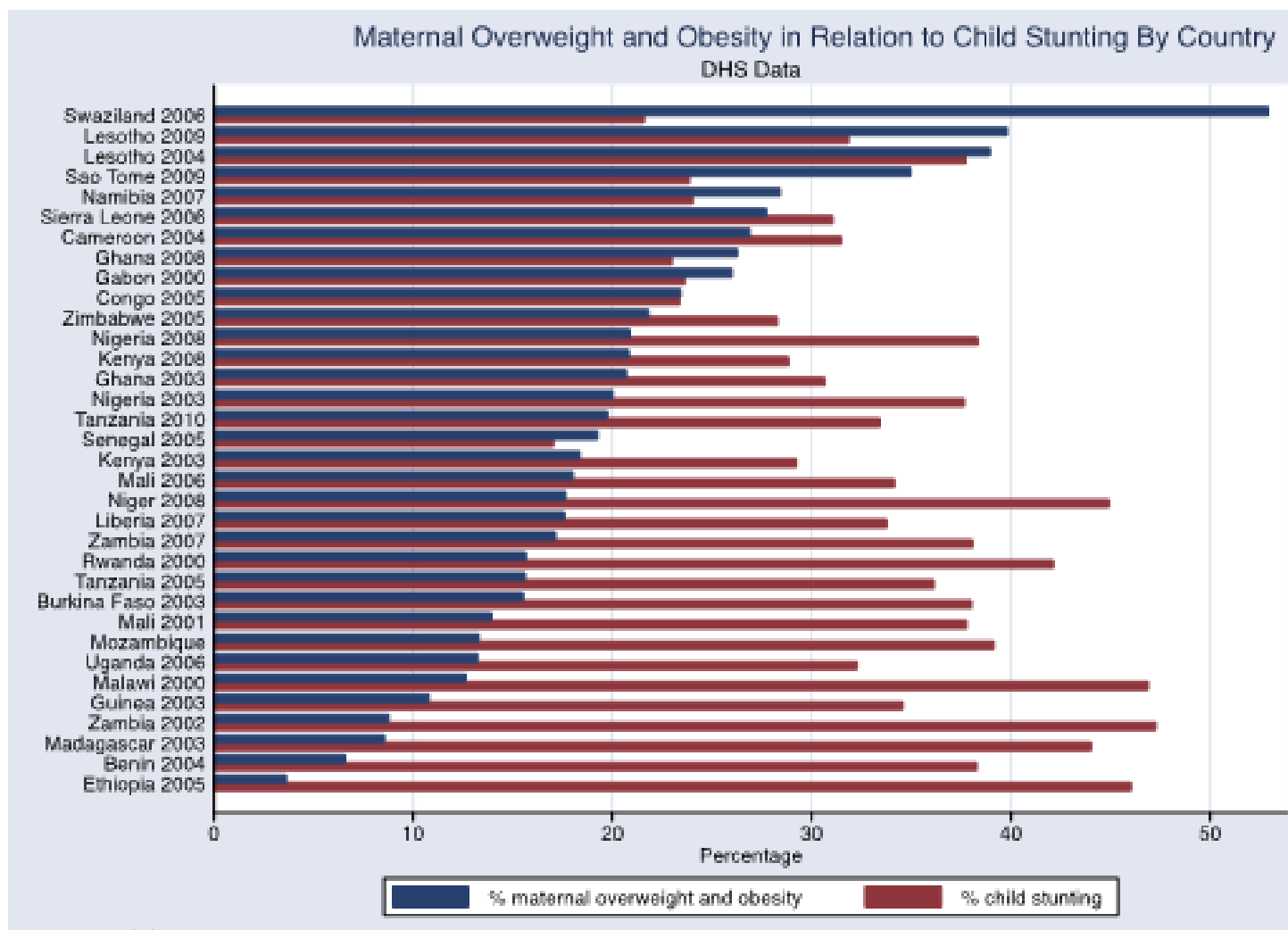
Source: GNR, 2015

# Scale Up and Coverage (and Sustainability)

- Leadership, political will and commitment
- Capacity of systems and personnel
- Strength of civil society
- Supply chain and equipment
- Number and effectiveness of delivery points
- Quality of programs and implementation
- Uptake of services
- Resources
- Private sector will and commitment
- Monitoring and ability to make mid-course corrections



# The Double Burden



Source: BMC Health, 2013



# Global Environment for Nutrition

- The Lancet Maternal and Child Nutrition Series 2013
- Global Nutrition Reports
- USAID Multi-Sectoral Nutrition Strategy 2014-2025
- USG Nutrition Collaboration Plan
- Scaling Up Nutrition (SUN)
- 1,000 Days
- ICN2
- 2016-2025 UN Decade of Action on Nutrition



# Key Takeaways

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- Focus on proven interventions
- ...but don't forget overweight and obesity
- Invest in research, particularly implementation studies to help unlock coverage challenges
- Invest in data collection and M&E
- Create room in implementation for “learning agendas”
- Think about exit and sustainability from the beginning



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