Breastfeeding – A strategy to prevent and reverse early childhood malnutrition

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WABA | WORLD BREASTFEEDING WEEK 2024

Declaration

- I have no conflict of interest to declare. I have received no incentive to participate in this event.
- This presentation draws on national data, the collective experience of colleagues in child health and nutrition
- And the global evidence base for breastfeeding and strategies to prevent and reverse childhood malnutrition



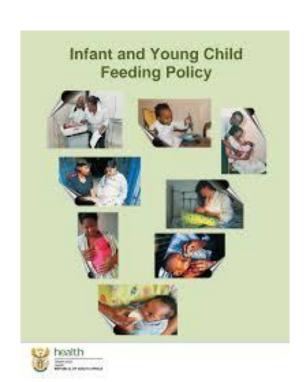
Outline of the presentation

Infant feeding landscape in South Africa

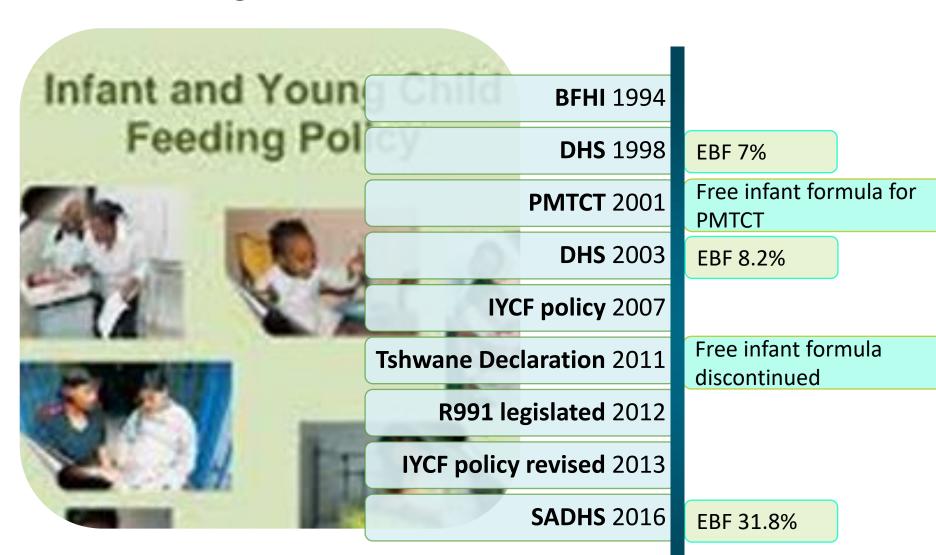
Key drivers of poor infant feeding practices

 Counteracting industry influence and strengthening health service delivery

 Building a breastfeeding culture and environment in all settings



Breastfeeding trends for infants 0-6 months in South Africa, 1998 - 2016



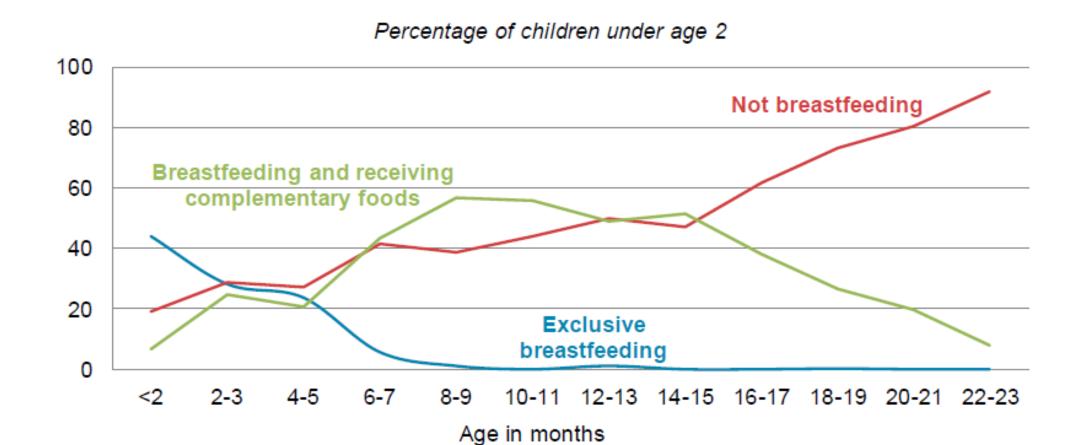
- Enabling policy environment
- Visible political commitment
- Significant improvement in 18 years
- What did we do right?

National BF rates 1998 - 2016

Breastfeeding Practices	SADHS	SADHS ¹⁵	HSRC	SANHANES ¹⁶	SADHS
	1998	2003	2008	2012	2016
Exclusive breastfeeding:					
0 – 3 months	10,4%	11,9%			36%
4 – 6- months	1%	1,5%	8%	7,4%	
0 – 6 months			25.7%		32%
Initiation of Breastfeeding		80%		92,6%	94%
Never Breastfed	16,6%	20,1%	22,5%	17,5%	Not reported*
Average duration of breastfeeding		16,6 months		5,9 months	Not reported
Mixed Feeding*	70%	Not reported	51.3%	75,1%	17.6%
*Breastfeeding and introducing inappropriate complementary foods at <6 months					

^{*0-5} months -25% Not breastfeeding at all and 68% inappropriately feeding infants <6 months of age

Infant feeding landscape for children under 24 months in South Africa (DHS, 2016)



Key proven practices, services and policy interventions for the prevention and treatment of stunting and other forms of undernutrition throughout the life cycle

ADOLESCENCE > PREGNANCY

BIRTH

0-5 MONTHS 6–23 MONTHS

- Improved use of locally available foods
- Food fortification, including salt iodization
- Micronutrient supplementation and deworming
- Fortified food supplements for undernourished mothers
- Antenatal care, including HIV testing

- Early initiation of breastfeeding within one hour of delivery (including colostrum)
- Appropriate infant feeding practices for HIV-exposed infants, and antivirals (ARV)

- Exclusive breastfeeding
- Appropriate infant feeding practices for HIV-exposed infants, and ARV
- Vitamin A supplementation in first eight weeks after delivery
- Multi-micronutrient supplementation
- Improved use of locally available foods, fortified foods, micronutrient supplementation/home fortification for undernourished women

- Timely introduction of adequate, safe and appropriate complementary feeding
- Continued breastfeeding
- Appropriate infant feeding practices for HIV-exposed infants, and ARV
- Micronutrient supplementation, including vitamin A, multi-micronutrients; zinc treatment for diarrhoea; deworming
- Community-based management of severe acute malnutrition; management of moderate acute malnutrition
- Food fortification, including salt iodization
- Prevention and treatment of infectious disease; hand washing with soap and improved water and sanitation practices
- Improved use of locally available foods, fortified foods, micronutrient supplementation/home fortification for undernourished women, hand washin with soap



Note: Blue reters to interventions for women of reproductive age and mothers. Black refers to interventions for young children.

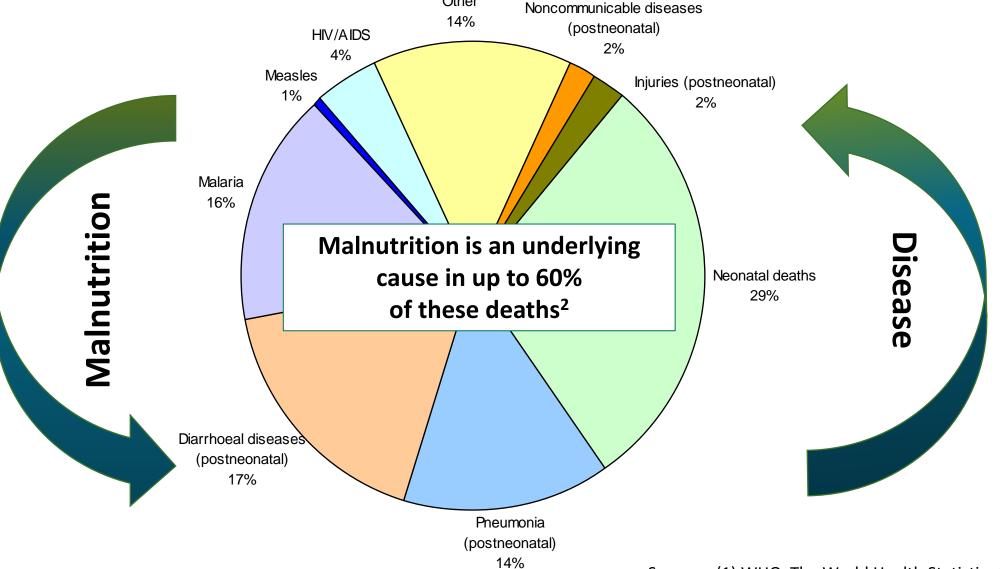
Source: Policy and guideline recommendations based on UNICEF, WHO and other United Nations agencies, Bhutta, Zulfiqar A., et al., 'Maternal and Child Undernutrition 3: What works? Interventions for maternal and child undernutrition and survival', *Lancet*, vol. 371, no. 9610, February 2008, pp. 417–440.



Health and Economic costs of NOT breastfeeding to a country



The vicious cycle of malnutrition and disease¹

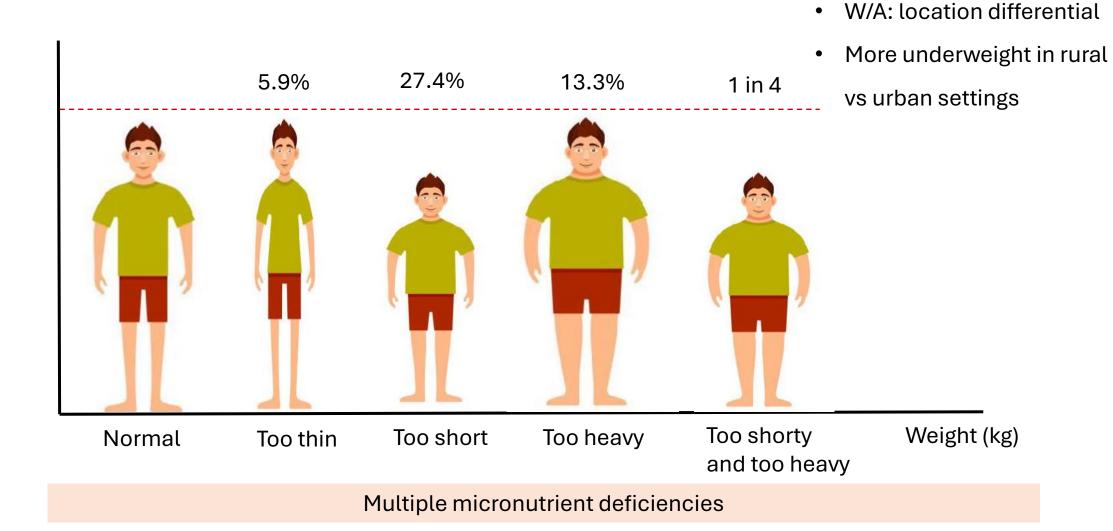


Sources: (1) WHO. The World Health Statistics 2020; (2)

*For undernutrition: Black et al. Lancet, 2016

Forms of malnutrition

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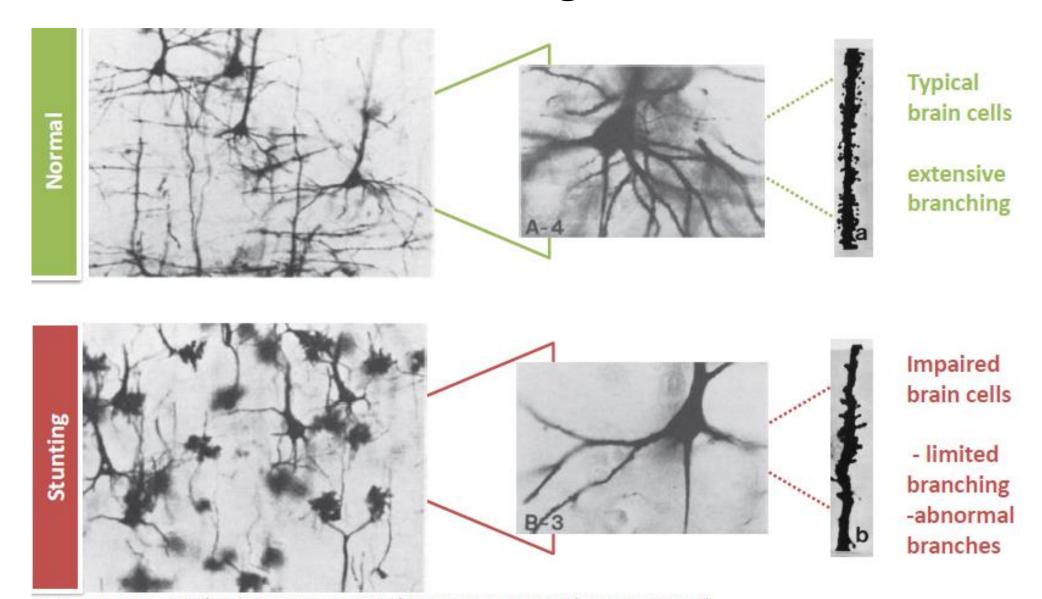


W/H: poverty differential

Higher malnutrition in

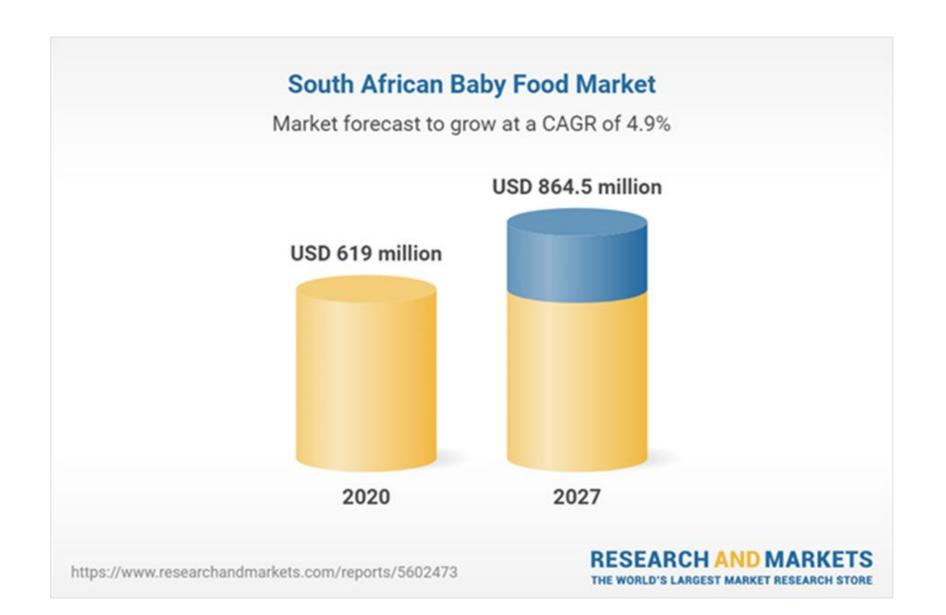
poorer households

Effects of stunting on the brain



Source: Cordero E et al, 1985 (Adapted from Figure 2 & Figure 4), Benitez-Bribiesca et al. 1999 (Adapted from Figure 4)

Explicit intension to grow formula sales at the expense of?





How the marketing of Formula Milk influences our decisions on infant feeding.







23 February 2022



8 February 2023



"The conteting of consequal risk formula. for use to the first 3 years of life has. ecopitarity altered the inflant post-possesy child heading ecosystem"

A Societies Througast

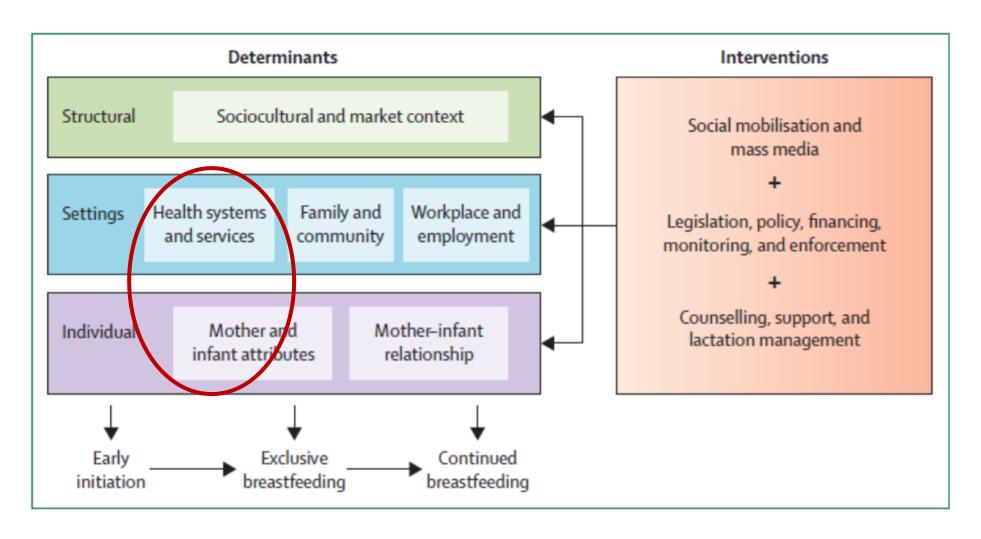
The Commercial Determinants of Health

Edited by Nason Maani Mark Pettierew Sandro Galea

29 March 2023



Determinants of Breastfeeding



Insights from private sector health professionals

Open access Original research

BMJ Open They push their products through me:
health professionals' perspectives on
and exposure to marketing of
commercial milk formula in Cape Town
and Johannesburg, South Africa – a
qualitative study

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RESEARCH



Breastfeeding intentions and behaviours of doctor mothers in Bloemfontein, South Africa

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In conclusion

The South African Child Nutrition landscape is changing for the worse to close the gap

- We need to invest in evidence-based context-specific nutrition interventions focusing on children under 2 years (window of opportunity)
- That we apply diligence to the policy environment (legislation R3337) and programming settings
- That nutrition professionals take on leadership roles (wherever you may find yourself) to position breastfeeding central to health and development
- Advocate for enabling environments for mothers to breastfeed successfully

THANK YOU

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