

# SOCIAL VALUE OF MAINTAINING BABY-FRIENDLY HOSPITAL INITIATIVE ACCREDITATION IN AUSTRALIA: CASE STUDY

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#### **BACKGROUND**

Breastfeeding has positive impacts on the health, environment, and economic wealth of families and countries.

WHO launched the Baby Friendly Hospital Initiative (BFHI) in 1991 as a global program to incentivize maternity services to encourage breastfeeding by implementing the Ten Steps to Successful Breastfeeding (Ten Steps).

These were developed to enable maternity services to support mothers and families to successfully initiate breastfeeding and to continue breastfeeding through referral to community support.

In 2020 only 26% of Australian hospitals were BFHI-accredited.

### AIM

This study aimed to examine the social value of maintaining the BFHI accreditation in one public maternity unit in Australia using the Social Return on Investment (SROI) framework.



#### METHODOLOGY

This study was conducted in the maternity unit of Calvary Public Hospital, Canberra, an Australian BFHI-accredited public hospital.

Analysis was informed by the Social Return on Investment (SROI) framework; mapping the stakeholders, identifying and valuing outcomes, establishing impact, calculating the ratio and conducting sensitivity analysis.

To collect data on costs (financial, time and other resources required) of each of the Ten Steps, we interviewed the hospital's Director of Maternity Services and the Clinical Midwifery Educator, guided by a structured questionnaire.

This information was supplemented with costing studies from the literature that measure the benefits of the BFHI.

## **RESULTS**

The social return from the BFHI in this facility was calculated to be **AU\$ 1,375,050**.

The total investment required was AU\$ 24,433 per year.

Therefore, the SROI ratio was approximately **AU\$ 55:1** (sensitivity analysis: AU\$16–112).





EVERY AU\$ 1 INVESTED IN MAINTAINING BFHI ACCREDITATION BY THIS MATERNAL AND NEWBORN CARE FACILITY GENERATED APPROXIMATELY AU\$ 55 OF BENEFIT.

# **CONCLUSION**

Maintaining BFHI accreditation at Calvary public hospital produced social value greater than the cost of investment, providing new evidence of its effectiveness and economic gains as a public health intervention.

Scaled up nationally, the BFHI would provide important benefits to the Australian health system and national economy.

Investment in BHFI accreditation is an investment in the health and wellbeing of families, communities and the Australian economy, as well as in health equity.



## Full article:

Pramono, A., Smith, J., Desborough, J., & Bourke, S. (2021). Social value of maintaining baby-friendly hospital initiative accreditation in Australia: case study. International Journal for Equity in Health, 20(1), 22. https://doi.org/10.1186/s12939-020-01365-3

## REFERENCE

- 1. Grummer-Strawn LM, Rollins N. Summarising the health effects of breastfeeding. Acta Paediatr [Internet]. 2015 104(S467):1–2. Available from:
- https://onlinelibrary.wiley.com/doi/full/10.1111/apa.13136 https://doi.org/10.1111/apa.13136. [cited 2020 Aug 16].
- 2. Perez-Escamilla R, Martinez J, Segura-Perez S. Impact of the baby-friendly hospital initiative on breastfeeding and child health outcomes: a systematic review. Maternal Child Nutrition. 2016;12:13.
- 3. Spaeth A, Zemp E, Merten S, Dratva J. Baby-friendly hospital designation has a sustained impact on continued
- breastfeeding. Maternal Child Nutrition. 2018;14(1):e12497.

  4. World Health Organization, Unicef. Protecting, promoting and supporting breastfeeding in facilities providing maternity and newborn services: the revised Baby-Friendly Hospital Initiative 2018 2018 [Available from:

http://www.who.int/nutrition/publications/infantfeeding/bfhi-implementation/en/.