

EVALUATION OF DELIVERY OUTCOMES, ASSOCIATED COMPLICATIONS, AND HIGH-RISK FACTORS RECORDED IN PRASAV WATCH ACROSS ALL HEALTHCARE FACILITIES IN DISTRICTS OF RAJASTHAN

ABOUT THE ORGANISATION

Jhpiego (Johns Hopkins Program for International Education in Gynecology and Obstetrics) is a non-profit organization affiliated with Johns Hopkins University, established in 1974 by Dr. Theodore M. King with funding from USAID. The organization aims to improve women's and family health worldwide, operating in over 40 countries to enhance healthcare provider skills, strengthen health systems, and develop innovative solutions. Jhpiego's initiatives include maternal and child health, family planning, and HIV/AIDS prevention, among others. The organization began its work in India in the 1980s, collaborating with the Ministry of Health and Family Welfare (MoHFW) and the Government of India (GoI) to strengthen reproductive health services.

VISION AND MISSION

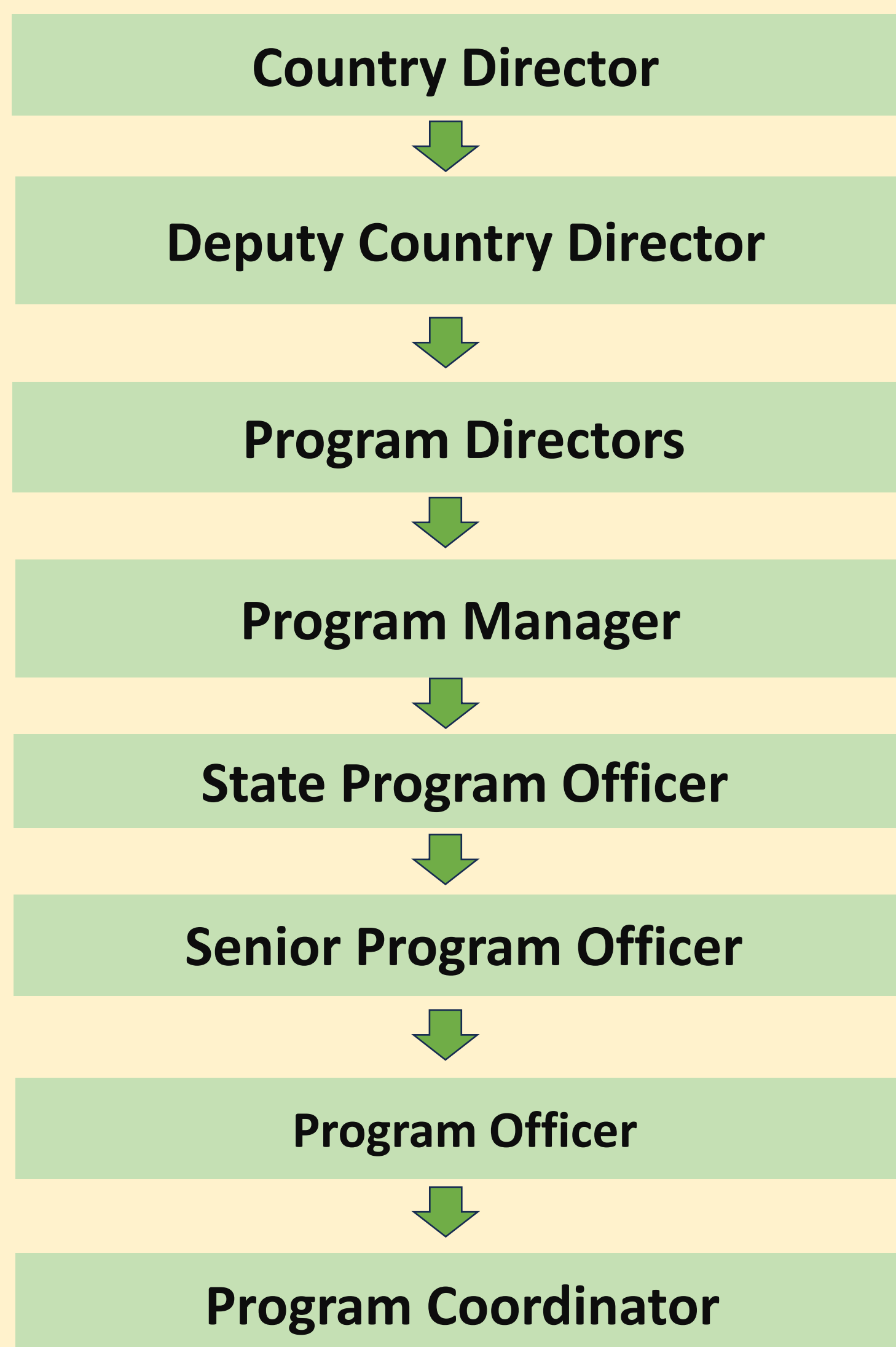
VISION

Self-reliant countries, healthy families and resilient communities. All women and families, regardless of where they live, having equitable access to high-quality, lifesaving health care delivered by competent and caring providers

MISSION

Jhpiego creates and delivers transformative health care solutions that save lives. In partnership with national governments, health experts and local communities, Jhpiego builds health providers’ skills and develops systems that save lives now and guarantee healthier futures for women and their families.

ORGANISATION STRUCTURE



PROJECT DESCRIPTION

OBJECTIVES

- Analyse types of deliveries and associated delivery complications and high-risk factors.
- Analyse maternal and newborn health management by Prasav watch application.
- Identify Data Issues(Identify Improvement Areas).

METHODOLOGY

- Study Design – Mixed Method Research Design(Qualitative Methods + Quantitative method)
- Data collection-
 - Quantitative method: Data from Prasav watch application.
 - Qualitative Methods: Transcription audio recordings from district Udaipur, Karauli, Bundi.
- Study Duration- Oct 2023 – April 2024 (6 months data).

DATA ANALYSIS & RESULT

Out of 21,100 total deliveries, there were 306 complicated delivery cases were found and 20,794 delivery cases were found non-complicated.

RESULT:-

In case of normal delivery, there were 16,106 non-complicated cases and 248 complicated delivery cases.

In case of C-section delivery, there were 4,679 non-complicated cases and 58 complicated delivery cases.

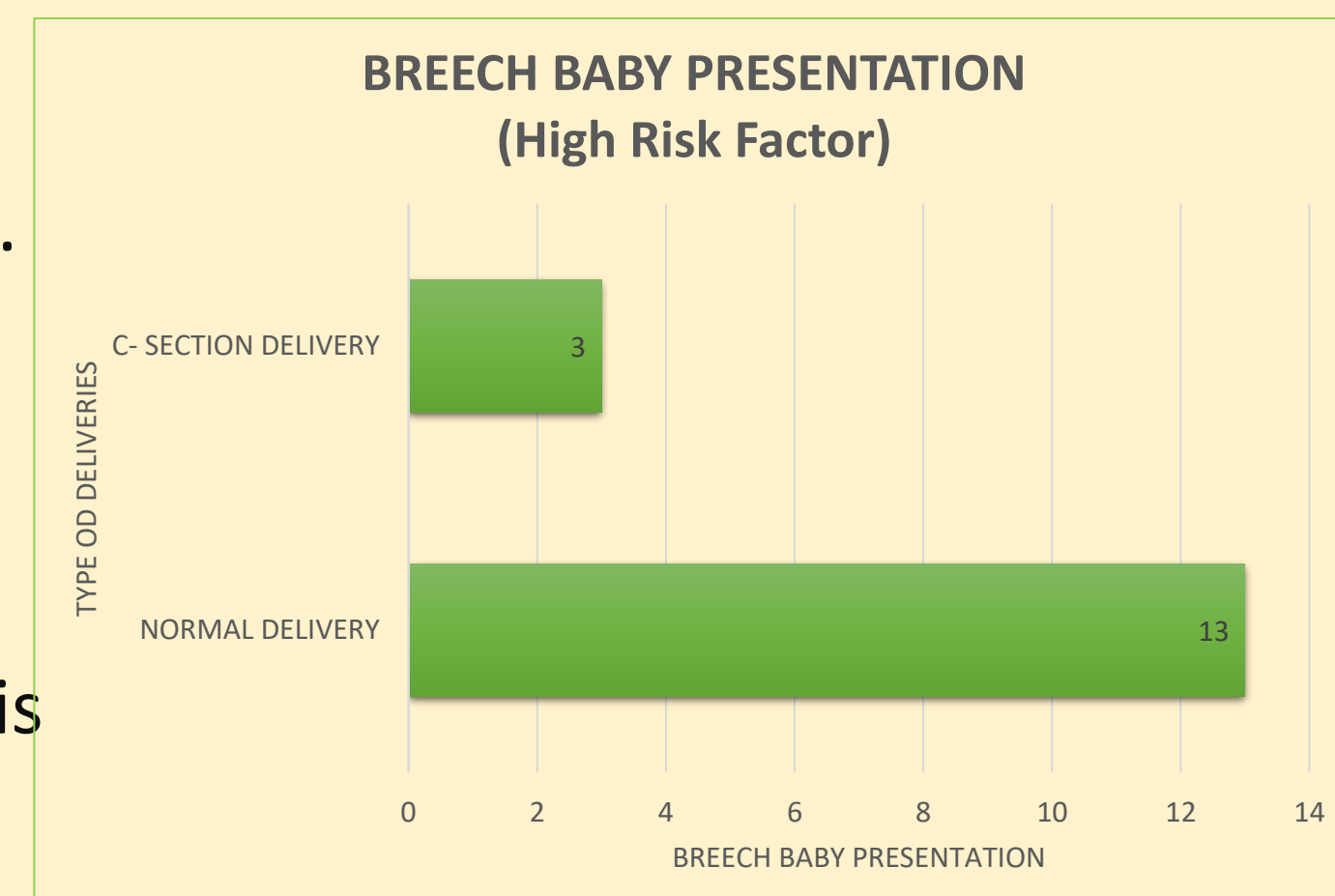
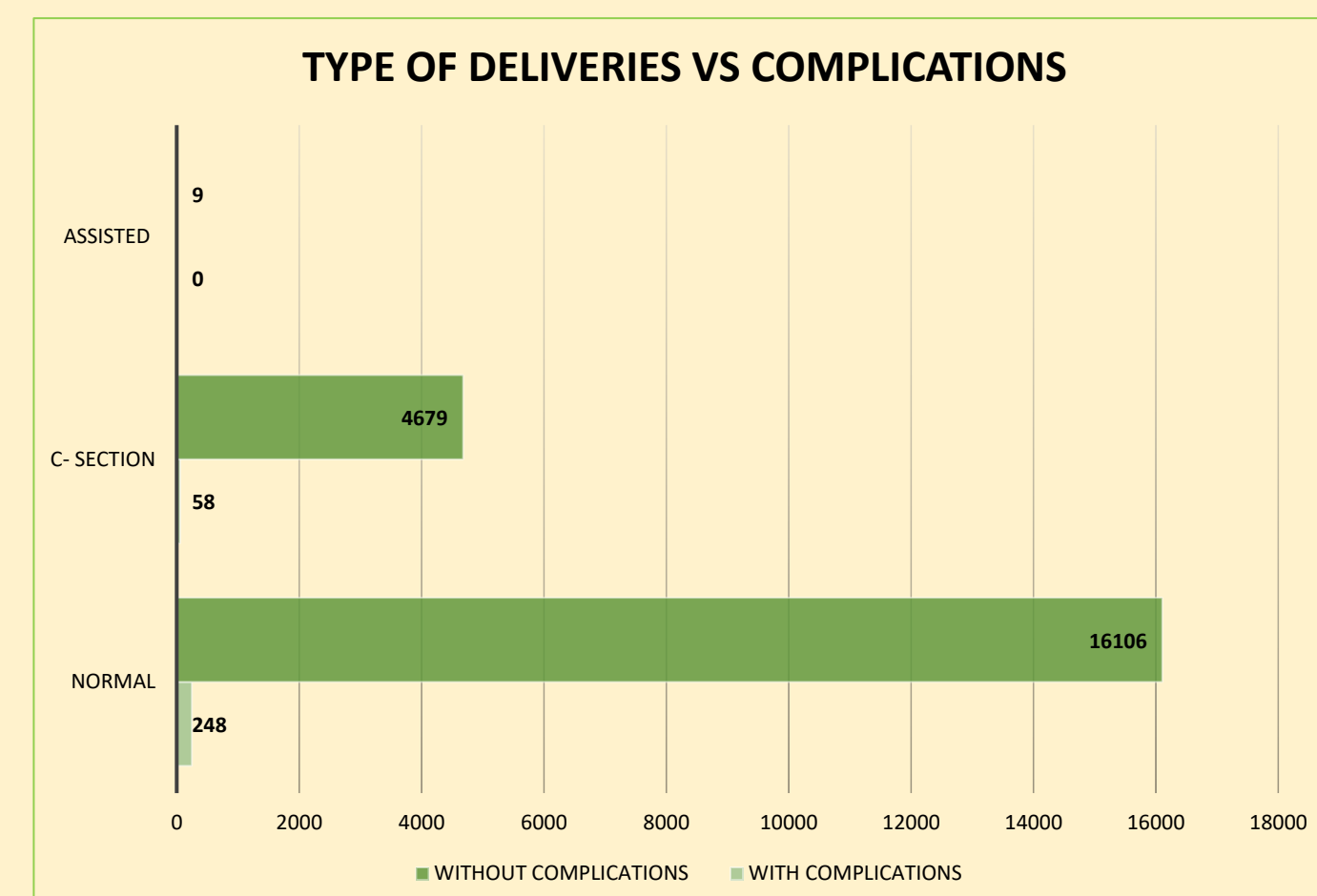
In case of assisted delivery, there were 9 delivery cases, all of which were non-complicated.

In SDH, DH, and MCH facilities in the districts of Bundi, Karauli, and Udaipur in Rajasthan, the data of the Prasav Watch for the 6 months(from October 2023 to April 2024), shows a total of 165 entries for baby presentation in pregnant women. Out of these:- 1)Cephalic presentation: 149 2)Breech presentation: 16

RESULT:-

There are 16 babies with breech presentation,(**which is considered a high-risk pregnancy condition**).

Among these, 13 deliveries were normal, while 3 were C-section deliveries, which is a very uncommon condition to occur. Normal deliveries are *not common* during a breech presentation.



CONCLUSION

The data suggesting more normal deliveries with complications is inaccurate because C-sections are typically recommended in cases of maternal complications. Therefore, expecting a higher incidence of normal deliveries in such cases does not align with medical recommendations.

Additionally, a significant number of normal deliveries recorded during breech conditions, (**which is considered high-risk pregnancy condition**) points to potential data entry errors or inconsistencies. Given the rarity and risk associated with normal deliveries in breech presentations, this raises concerns about maternal and child healthcare management. This highlight data inaccuracies and improvements in healthcare practices, particularly for high-risk conditions, considering the large dataset of 45,246 entries.

STRENGTH

- Pioneer organization in Maternal and Child Healthcare in India.
- Diversification.
- Integration of Technology.
- Liaison with State and Central Government.

WEAKNESS

- Dependence on funding.
- Coverage is less across the country.
- Dependency on local health infrastructure.

SWOT ANALYSIS

OPPORTUNITIES

- Public-Private Partnership.
- Technological advancements.
- Focusing on new areas like climate change adaptation and integration of mental health services helps the organization to sustain globally.

THREATS

- Economic fluctuations.
- Regulatory Changes.
- Competition from other organizations.



DIFFERENCE BETWEEN THEORETICAL AND PRACTICAL EXPOSURE

- Theoretically, I studied a lot about healthcare system, which when comes to practical implementation becomes a little difficult and more resource consumption as compared to written things.
- Theoretically it’s easy to run any program in documents but practically at ground level it differs in criteria like the population where it’s to be implemented ,place and behaviour of the staff.

CHALLENGES

- Undefined and poorly specified roles and responsibilities.
- Restrictions on field visits.
- Discrepancy between classroom learnings and practical application.

LEARNINGS

- Provided me the practical knowledge of how the digital portals work like Prasav Watch Application.
- Learnt to draft literature review.
- Learnt data entry, cleaning and analysis.
- Learnt secondary data compilation.
- Transcription of Focus group interviews and semi structured interview also did Thematic Analysis.
- Practical knowledge enhancement.

USEFULNESS

- Understanding the operations of public health organizations.
- Practical experience enhances understanding and skill development.
- Improving my technical skills.
- Building a network.

SUGGESTIONS TO ORGANIZATION

- Ensure adequate monitoring of data entered into the Prasav Watch Application.
- Provide regular training for healthcare providers involved in ARS-ICOC, as it is essential.
- Increase interdepartmental interaction among employees.
- Ensure proper data entries, and if errors occur, reevaluate the reasons for these issues and correct them promptly.