

Preventing Maternal and Neonatal Deaths Through Integrated MNCH Services and Focusing on Day of Birth in Five Districts of Sindh, Pakistan

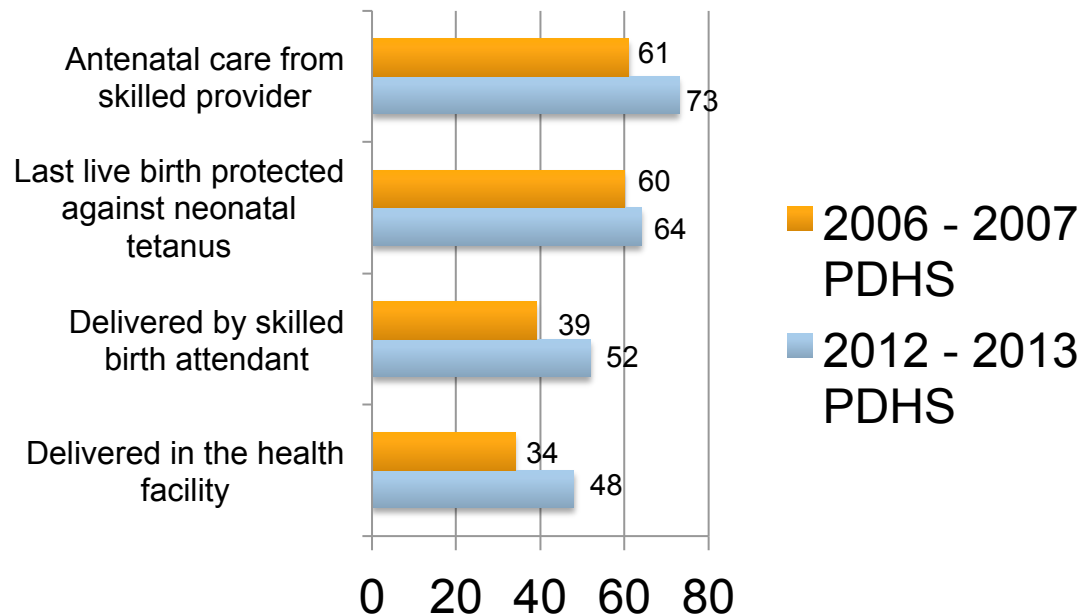
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**USAID Pakistan's MCH Program Component 2:
MNCH Services Project - Sindh, Pakistan**

Pakistan-Maternal and Neonatal Health

- One in every 14 children born died before reaching their first birthday (PDHS, 2012-13)
 - 60% of deaths occur during the neonatal period and majority within first day and within first hour of birth
 - Despite steady decline in the IMR, neonatal mortality (55 per 1,000 live births) remains stagnant

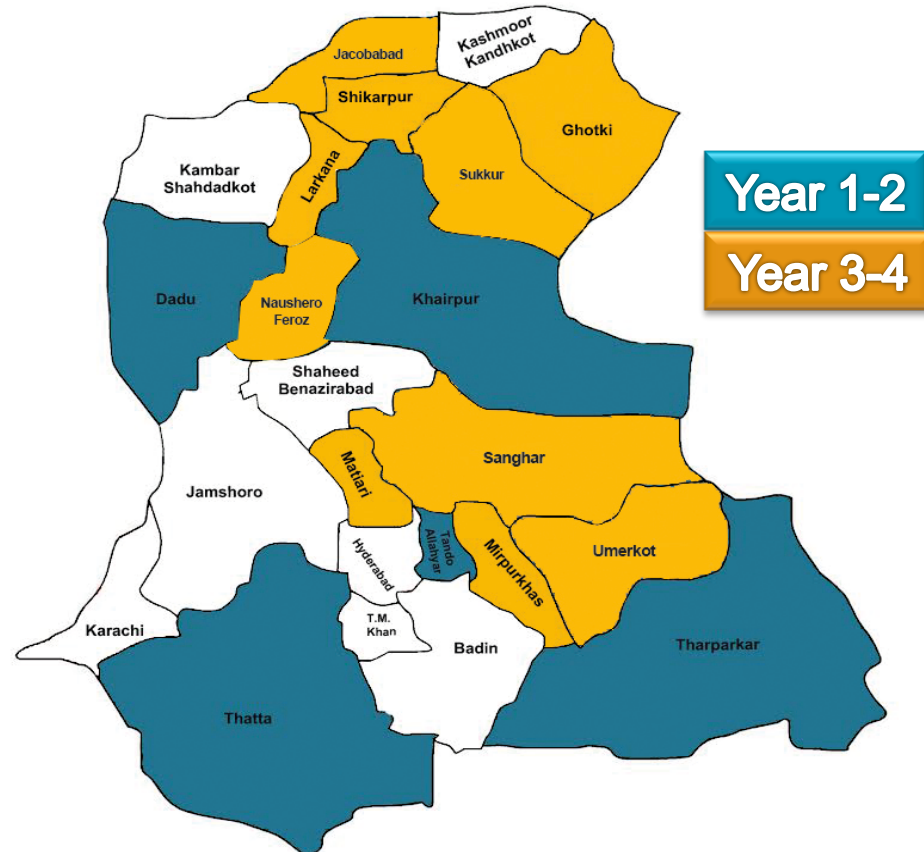


USAID Maternal and Child Health Program, Pakistan

- **Objective:** To improve the quality of MNCH services across Sindh, in both public and private health sectors
- **Project Site:** 15 focused districts of Sindh Province
- **Project Duration:** 2012-2017

Type of Health Facilities

TYPE	CATEGORIES	NUMBER OF FACILITIES IN YEAR
Public	DOH	34
	PPHI	78
Private	CMWs	58
	Commercial	33
	NGO	13
	Total	216



Conceptual Model

1 Community Mobilization



2 MNCH Center



3 Telehealth & Referral



4 Comprehensive EmONC



Village

Day of Birth Package of Services

Facility-Based:

1. Safe and clean normal delivery
2. Utero-tonic (Oxytocin and Misoprostol) for the mother
3. Chlorhexidine for the newborn
4. Helping babies breathe
5. Postpartum family planning choices
6. Referral and transportation availability

Community-Based:

1. Misoprostol for the mother
2. Chlorhexidine for the newborn
3. Referral and transportation availability

Safe and Clean Normal Delivery

1,201	SBAs trained in PCPNC
53,420	Deliveries in MCHIP supported facilities
38,513 (70%)	Received oxytocin as part of AMTSL after delivery of baby



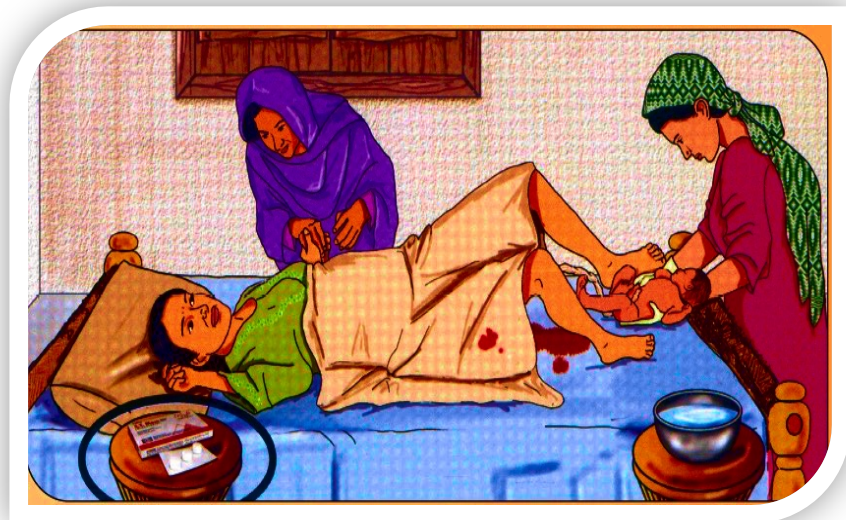
Cord Application of 7.1% Chlorhexidine

1,200	LHWs trained in 2 districts
40,000	Chlorhexidine tubes procured
20,000	Newborns received chlorhexidine
300	Mothers monitored for compliance
97%	Compliance rate (application within 24 hours)



Use of Misoprostol

1201	SBAAs trained
1200	LHWs trained in advanced distribution
3225	Miso tablets procured and advanced distribution in community (non-USAID fund)



Helping Babies Breathe

403	SBAs trained
212	MNCH centers equipped with HBB supplies
53,420	Deliveries reported
1889	Babies needed resuscitation
1850 (98%)	Babies revived after HBB



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Postpartum Family Planning Choices- FP counseling and PPIUCD

91	SBAAs trained
7,989	FP counseling during ANC and PNC
4,884	Total deliveries reported
1042 (21%)	Total PPIUCD inserted
379 (8%)	Within an hour PP period
663 (13%)	Inserted in C/Section

Referral and Transportation Availability

840	Transporters trained
216	Health Facilities
907 (1 quarter)	Referred from community to BEmONC

The image shows two copies of a referral form in Urdu. The top copy is for a health facility, and the bottom copy is for a community health worker. Both forms contain fields for patient information, referral details, and signatures. The forms are titled 'مريض کو کھانسی کے لئے طبی مشورہ دینے والی طبی سہولت' (Medical facility for providing medical advice for cough) and 'مريض کو کھانسی کے لئے طبی مشورہ دینے والی طبی سہولت' (Medical facility for providing medical advice for cough). The forms are numbered 316.

Challenges

■ Public Sector

- All FLCFs out-sourced to a local NGO (PPHI)
- Facility readiness
 - Human resource: availability, frequent turnover and absenteeism
 - Lack of commodities and supplies
 - Poor physical infra-structure
- Lack of quality improvement
- Data recording and reporting of existing and new monitoring indicator through DHIS

Private sector

- Non-regulatory private sector
- No data collection mechanism
- Availability of SBAs for capacity building activities

CMW-owned HFs

- Low performance in trainings (HBB, PPIUCD)



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Lessons Learned

- Multiple stakeholders for MNCH services approached with different strategies
- A successful model of partnership (technical support through MCHIP and physical resources through PHHI)
- Capacity building plans by type of SBAs
- Monitoring of additional/new indicators by inserting a sticker in existing DHIS registers