



**Government of Nepal**  
**Ministry of Health and Population**  
**National Centre for AIDS and STD Control**  
 Teku, Kathmandu



**Factsheet 5: Prevention of Mother to Child Transmission (PMTCT) in Nepal, as of Asar 2072 (July 2015)**

**Table 1: Facts on PMTCT, 2015**

Indicators	Value
Annual estimated pregnancies in 2014/2015*	724,839
Mothers requiring PMTCT in 2014	498
Total HIV positive pregnant women who receive antiretroviral to reduce the risk of MTCT in 2014	162
Percentage of HIV positive pregnant women who receive antiretroviral to reduce the risk of MTCT in 2014	32.5%
Estimated number of new child infections due to MTC in 2014	178

Source: Nepal HIV Infection Estimate 2014/ \*Source; DoHS Annual report FY 070/71

**Background**

- ✗ Comprehensive PMTCT service started in Nepal in February 2005.
- ✗ There are 98 sites from where HIV testing and counseling services are available to pregnant women.
- ✗ Community-based PMTCT (CB-PMTCT) program is expanded in 16 districts where HIV screening and counseling is done among ANC visitors. -Achham, Arghakhanchi, Baitadi, Bajhang, Banke, Bardiya, Chitwan, Dadelhdhura, Dailekh, Kailali, Kanchanpur, Kapilvastu, Nawalparasi, Saptari and Sunsari.
- ✗ Free ARV drugs are available from 61 ART sites in 55 districts from where HIV-positive mothers can receive treatment.
- ✗ Early Infant Diagnosis (EID) service is available for babies born to the HIV-positive mothers.

**Table 2: Services Statistics on PMTCT in Nepal: 2005/2006 – July 2015**

Indicators	2005- 06	2007	2008	2009	2010	2011	2012	2013	2014	2015 July
Pre-test counseled (ANC & Labour)	31,666	35,270	46,822	69,907	99,601	134,812	130,001	146,356	90,174	94,202
Tested for HIV (ANC & Labour)	28,485	32,553	42,733	65,791	94,511	124,025	129,131	142,043	158,146	79,431
HIV Positive pregnant women	71	59	84	133	138	169	175	125	162	59
Total deliveries by HIV+ve mothers	48	38	61	96	120	134	110	139	131	46
Mothers received ART	35	28	47	77	96	117	126	142	162	47
Babies received Prophylaxis	38	34	57	89	112	129	108	136	127	42

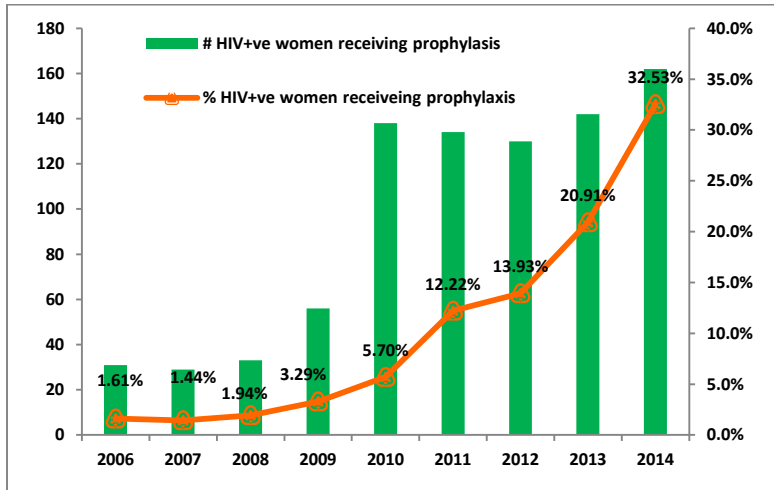
Source: NCASC, 2015



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**Coverage of PMTCT Program in Nepal (2006 - 2014)**



**Early Infant Diagnosis:**

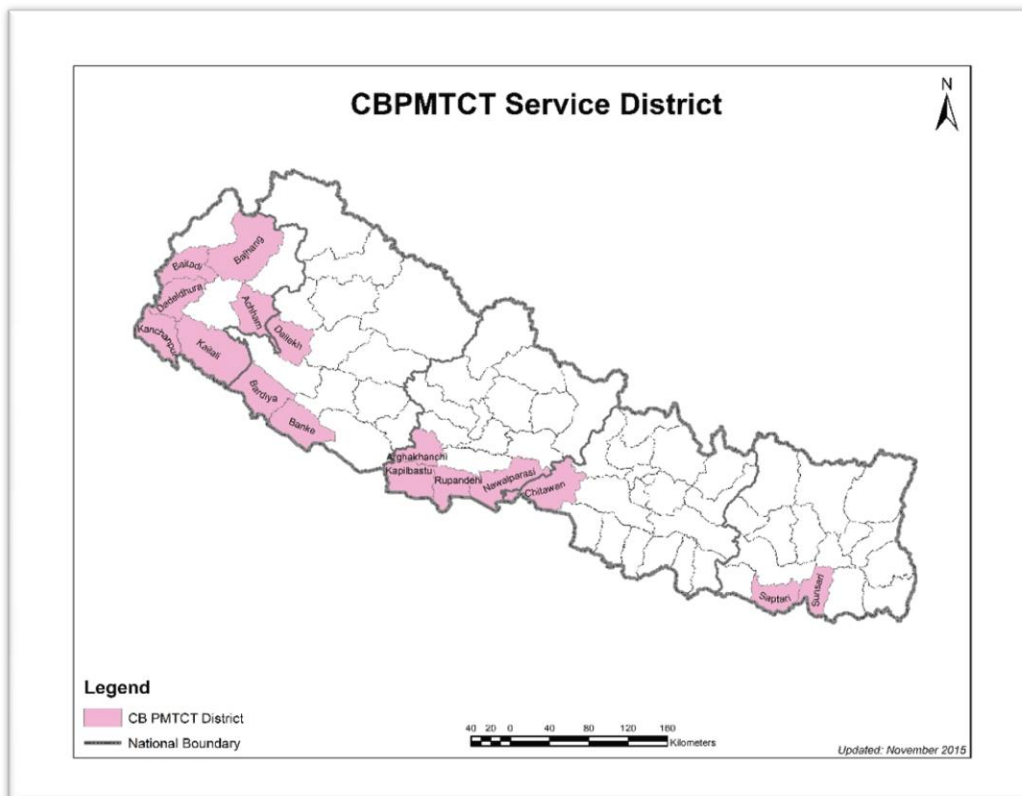
DNA PCR test for HIV exposed babies below 18 months.

EID through DNA PCR technology is available at National Public Health Laboratory (NPHL), Teku since September 2014.

Dried blood spot (DBS) samples for EID are collected from 4 sites (NPHL, Bharatpur Hospital, Lumbini Zonal Hospital and Western Regional Hospital) with support from NPHL.

DBS are also collected from 5 sites namely Achham District Hospital, Seti Zonal Hospital, NSARC-Banke, NNSWA-Kanchanpur and SACTS-Kathmandu with support from Saath-Saath project since 2009.

SN	Indicator	2014	2015 (Jan-July)
1	Total number of children up to 18 months tested (PCR)	74	71
2	Total number of children up to 18 months diagnosed positive through PCR test	4	11





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