



Factsheet 5: Prevention of Mother to Child Transmission (PMTCT) in Nepal, as of Asar 2074 (July 2017)

Table 1: Facts on PMTCT, 2016

Indicators	Value
Annual estimated pregnancies in 2016/2017*	756,993
Mothers requiring PMTCT in 2016	284
Total HIV positive pregnant women who received antiretroviral to reduce the risk of MTCT in 2016	181
Percentage of HIV positive pregnant women who received antiretroviral to reduce the risk of MTCT in 2016	63.7%

Source: National HIV Estimates 2016

*Source: DoHS Annual report FY 072/73

Background

- Comprehensive PMTCT service started in Nepal in February 2005.
- Community-based PMTCT(CB-PMTCT) program has been expanded in all **75** districts of Nepal where HIV screening and counseling is done among every ANC visitors at the district.
- ARV medicines are made available in all districts of Nepal. However, life-long ART service is only provided through **68** ART sites and 25 ART Dispensing Centers (ADC) throughout the country.

Table 2: Service Statistics on PMTCT in Nepal: 2007 – July 2017

Indicators	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 Jan-Jul
Tested for HIV (ANC & Labour)	32,553	42,733	65,791	94,511	124,025	129,131	142,043	158,146	187,552	306,872	239,690
HIV Positive pregnant women	59	84	133	138	169	175	125	162	88	154	81
Total deliveries by HIV+ve mothers	38	61	96	120	134	110	139	131	115	121	76
Mothers received ART	28	47	77	96	117	126	142	162	145	181	111
Babies received Prophylaxis	34	57	89	112	129	108	136	127	114	118	73

Source: NCASC, 2017

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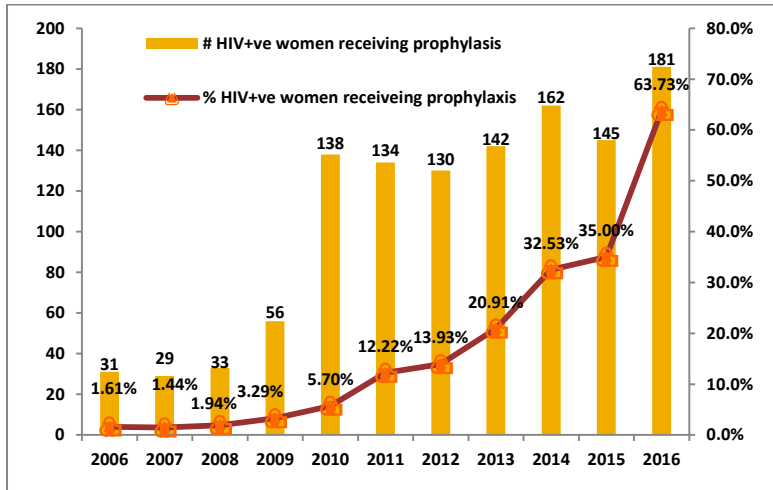
Website: www.ncasc.gov.np



Government of Nepal
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National Centre for AIDS and STD Control
Teku, Kathmandu



Figure 1: Coverage of PMTCT Program in Nepal (2006 – 2016)



Early Infant Diagnosis (EID):

Early Infant Diagnosis (EID) service is available for babies born to the HIV-positive mothers to detect HIV status among exposed baby at the earliest.

DNA PCR test is done for EID and conducted among the children below 18 months.

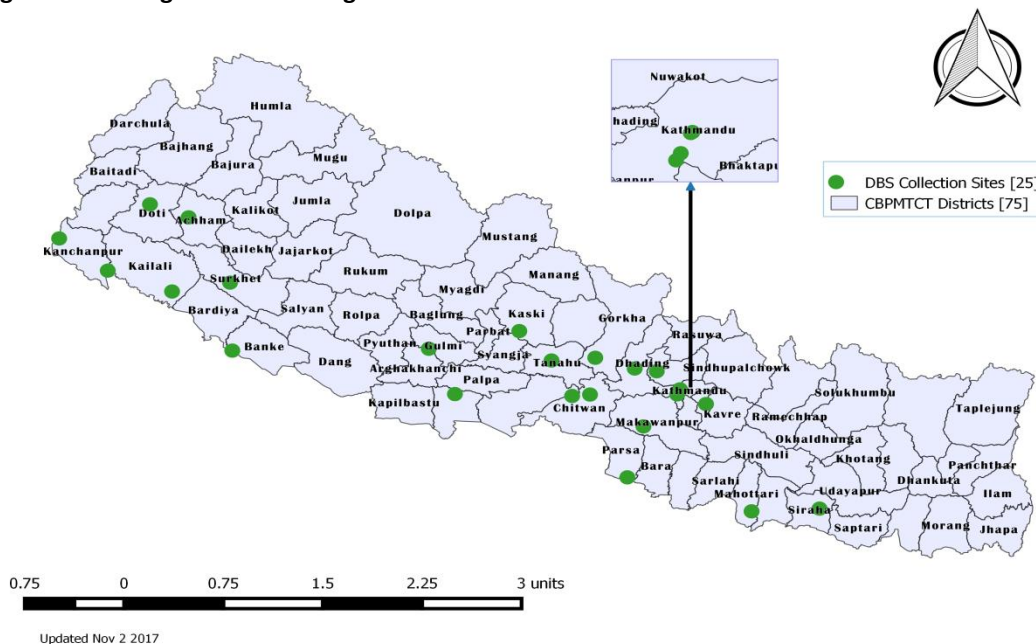
EID through DNA PCR technology is available at National Public Health Laboratory (NPHL), Teku since September 2014.

Dried blood spot (DBS) samples for EID are collected from 25 sites.

Table 3: Early Infant Diagnosis Program

SN	Indicator	2014	2015	2016	2017 (Jan-Jul)
1	Total number of children up to 18 months tested (PCR)	74	191	143	113
2	Total number of children up to 18 months diagnosed positive through PCR test	4	15	10	10

Figure 2: Coverage of PMTCT Program and EID sites



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