

NEPAL

Total Population: 28,810,000 (2008)

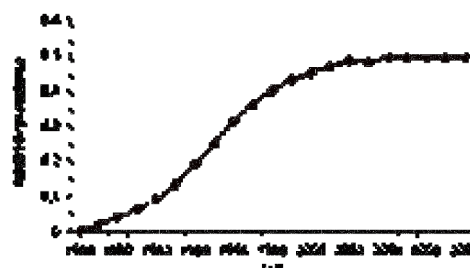
HIV EPIDEMIOLOGY^{1, 2}

- Concentrated epidemic with elevated prevalence in KAPs: PWID, Migrants, FSW, MSM
- Surveillance data suggest HIV prevalence in PWID decreasing: 34% (2007) → 20% (2009)
- Overall epidemic is stabilizing; there were an estimated 4,300 new infections in 2009
- Nearly half of estimated HIV infections are in highway districts along India border
- Women account for 29% of estimated HIV infections

HIV ESTIMATES

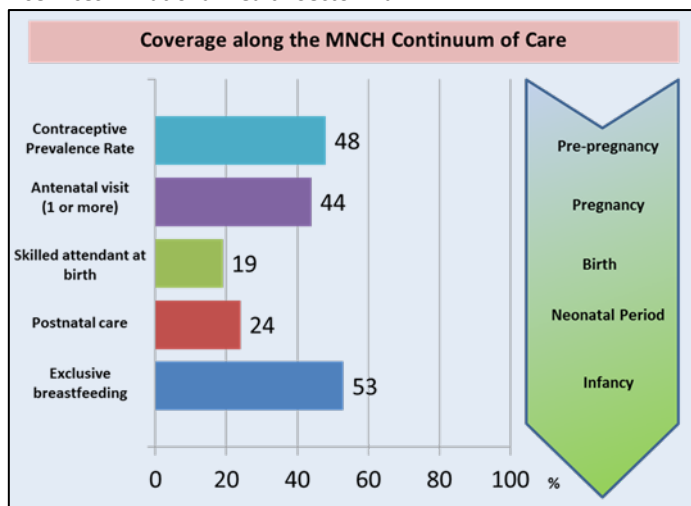
Estimated Adult HIV Seroprevalence (%)	0.4	(2009)
Estimated Number of Persons living with HIV	64,000	(2009)
Estimated Number of Women living with HIV	20,000	(2009)
Estimated HIV Prevalence among Pregnant Women (%)	0.24	(2007)
Estimated Number of HIV-positive pregnant women	1445	(2010)

Estimated HIV prevalence in Nepal, 1988-2008



MATERNAL, NEONATAL, AND CHILD HEALTH: COVERAGE AND OUTCOMES³⁻⁶

- 56% reduction in estimated MMR between 1990 and 2008
- National MNCH program provides incentives for women to mothers who complete all 4 ANC visits, have an institutional delivery and present for at least 1 post-natal visit
- ANC and HIV/AIDS services are considered basic primary health services in National Health Sector Plan



KEY MATERNAL HEALTH INDICATORS

Estimated Annual Births	780,000	(2009)
Maternal Mortality Ratio* (per 100,000 live births)	380	(2008)

KEY REPRODUCTIVE HEALTH INDICATORS

Contraceptive Prevalence Rate (%)	48	(2006)
Unmet Need for Family Planning (%)	24.6	(2006)

ANTENATAL CARE AND DELIVERY

Antenatal Care Coverage (at least one visit, %)	44(?79)	(2006)
Antenatal Care Coverage (4 or more visits, %)	29	(2006)
Skilled Attendant at Delivery (%)	19	(2006)
Institutional Delivery (%)	18	(2006)

KEY NEONATAL AND CHILD HEALTH INDICATORS

Exclusive Breastfeeding for Infant <6 mos (%)	53	(2006)
Infant Mortality Rate (per 1000 live births)	39	(2009)
Under-5 Mortality Rate (per 1000 live births)	48	(2009)

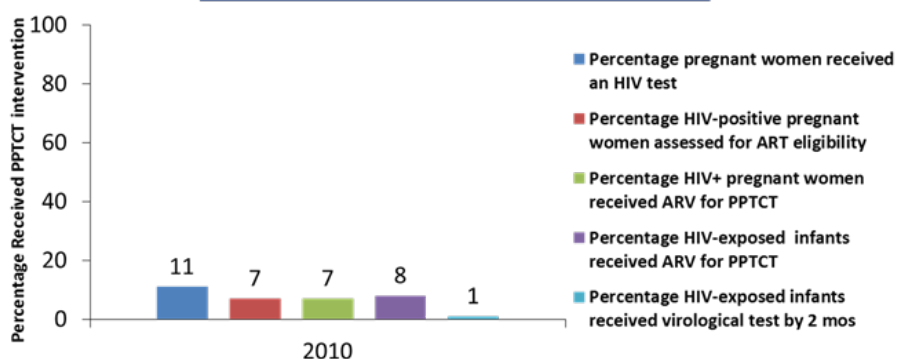
PREVENTION OF PARENT TO CHILD TRANSMISSION OF HIV: ACCESS, COVERAGE, OUTCOMES^{1, 7, 8}

ACCESS TO PPTCT SERVICES

Number of facilities providing ANC services	4,220	(2010)
ANC facilities that provide HIV testing and counselling (%)	50 (1%)	(2010)
ANC facilities that provide HIV testing and counselling and ARV for PMTCT on site	21(0.5%)	(2010)
Health facilities that provide CD4 testing on site or by specimen transport	13	(2010)
Number of facilities that provide virological testing for EID (on-site or by DBS)	5	(2010)
Number health facilities that offer ART (prescribe and/or clinical follow-up)	35	(2010)
Number health facilities that provide paediatric ART	35	(2010)

- National PMTCT started in 2005
- Community organizations play an important role in service delivery
- All PMTCT sites offer PITC (opt-out) with rapid HIV testing and same-day results
- HIV tests conducted free of charge in conjunction with haemoglobin test

COVERAGE OF KEY PPTCT INTERVENTIONS



- In 2010, 99,601 pregnant women received HIV testing
 - 138 (0.14%) HIV+ pregnant women detected
 - Represents 10% of estimated HIV+ pregnant women
- Of 138 HIV+ pregnant women detected:
 - 96 (70%) received ARV prophylaxis, ?mostly sd-NVP
- Of infants born to 138 detected HIV+ pregnant women:
 - 122 (88%) received ARV prophylaxis at birth
 - 79 (57%) initiated on co-trimoxazole within 2 months

PPTCT & Infant Feeding Guidelines Revised

- OPTION B (Maternal triple ARV prophylaxis) selected
- Exclusive breastfeeding for six months recommended

ELIMINATION OF CONGENITAL SYPHILIS: KEY DATA^{1, 7-9}

- Standard antenatal syphilis screening using VDRL test is recommended as a National Medical Standard for reproductive health in the National Policy for ANC, HIV, and STI
- However, VDRL test is available only at central, regional, zonal and some district hospitals and medical colleges
 - Limited data from urban hospitals indicate 1-4% of pregnant women attending these ANCs are seropositive for syphilis
- NATIONAL PRIORITIES for ELIMINATION OF CONGENITAL SYPHILIS include:
 - Expansion of syphilis screening capacity to community level service centres
 - Use of a more specific screening test for syphilis
 - Integration of syphilis screening within service package for PPTCT
 - Establishment of a surveillance system for syphilis screening, in which VDRL reactive cases are reported
 - Can contribute to improved follow-up and treatment of pregnant women who are sero-positive for syphilis

Syphilis Testing and Treatment for ANC attendees

Number pregnant women tested for syphilis	N/A	(2010)
Percentage ANC attendees who were syphilis sero-positive (%)	N/A	(2010)
Percentage ANC attendees tested positive for syphilis who received treatment	N/A	(2010)

ELIMINATION OF NEW PAEDIATRIC HIV INFECTIONS AND CONGENITAL SYPHILIS^{1, 7, 8}

NATIONAL PPTCT GOALS AND TARGETS

PRIORITY AREAS:

- Program Alignment between HIV and MNCH is a priority. National Workshop planned to further develop alignment strategy and plan.
- Training planned to orient field level health workers in all ANC service sites for screening of HIV and Syphilis across the country

ESTABLISHED TARGETS

By 2011: Proportion of HIV-positive pregnant women who receive ARVs to reduce the risk of PTCT 80%

FUNDING & GOVERNANCE

1. Expenditure:	Year 2006	Year 2007	Year 2008	Year 2009	Year 2010	Year 2011
a) Total expenditure for all HIV programmes per year US\$	US\$	17,661,653	US\$	US\$	US\$	US\$
b) Total expenditure on PPTCT activities (Code 1.17 in UNGASS Funding Reporting Matrix) US\$	US\$	125,863	US\$	US\$	US\$	US\$
- Of which domestic funding (%)	%	19.21%	%	%	%	%
- Of which international funding per origin (%): GFATM (pls specify round#), PEPFAR, UNITAID, Gates Foundation, Other (pls specify)	% from?	% from?	% from?	% from?	% from?	% from?
- Of which via national AIDS programme (%)	%	%	%	%	%	%
- Of which via national MNCH programme (%)	%	%	%	%	%	%
c) Ratio PPTCT Expenditure/Estimated number of Women Living with HIV (from national HIV Estimates) (per year where data available) US\$/Person	US\$/person	US\$/person	US\$/person	US\$/person	US\$/person	US\$/person
2. Which programme is mainly directing PPTCT? (Please tick ✓) () HIV Programme () MNCH Programme () Joint						
3. Resource needs / Budget:	Year 2010	Year 2011	Year 2012	Year 2013	Year 2014	Year 2015
a) Total estimated total HIV resource needs in current national strategic plan US\$	US\$	US\$	US\$	US\$	US\$	US\$
b) Total secured budget for PPTCT in the current/next year (2011 and/or 2012): US\$	US\$	US\$	US\$	US\$	US\$	US\$
- Of which domestic funding (%)	%	%	%	%	%	%
- Of which international funding per origin (%): GFATM (pls specify round#), PEPFAR, UNITAID, Gates Foundation, Other (pls specify)	% from?	% from?	% from?	% from?	% from?	% from?
- Of which via national AIDS programme (%)	%	%	%	%	%	%
- Of which via national MNCH programme (%)	%	%	%	%	%	%
c) Ratio PPTCT Budget/Estimated number of Women Living with HIV (from last national HIV Estimates): US\$ per person	US\$/person	US\$/person	US\$/person	US\$/person	US\$/person	US\$/person

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