



OVERVIEW OF PMTCT HIV AND SYPHILIS

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WHAT IS
PMTCT?

P PREVENTION

M MOTHER

T TO

C CHILD

T TRANSMISSION



WHY IS IT IMPORTANT?



Goals

3

**Ensure healthy lives and promote well-being for
all at all ages**

3

Ensure healthy lives and promote well-being for all at all ages

3.1 Reduce the global maternity mortality ratio to <70 per 100,000 live births

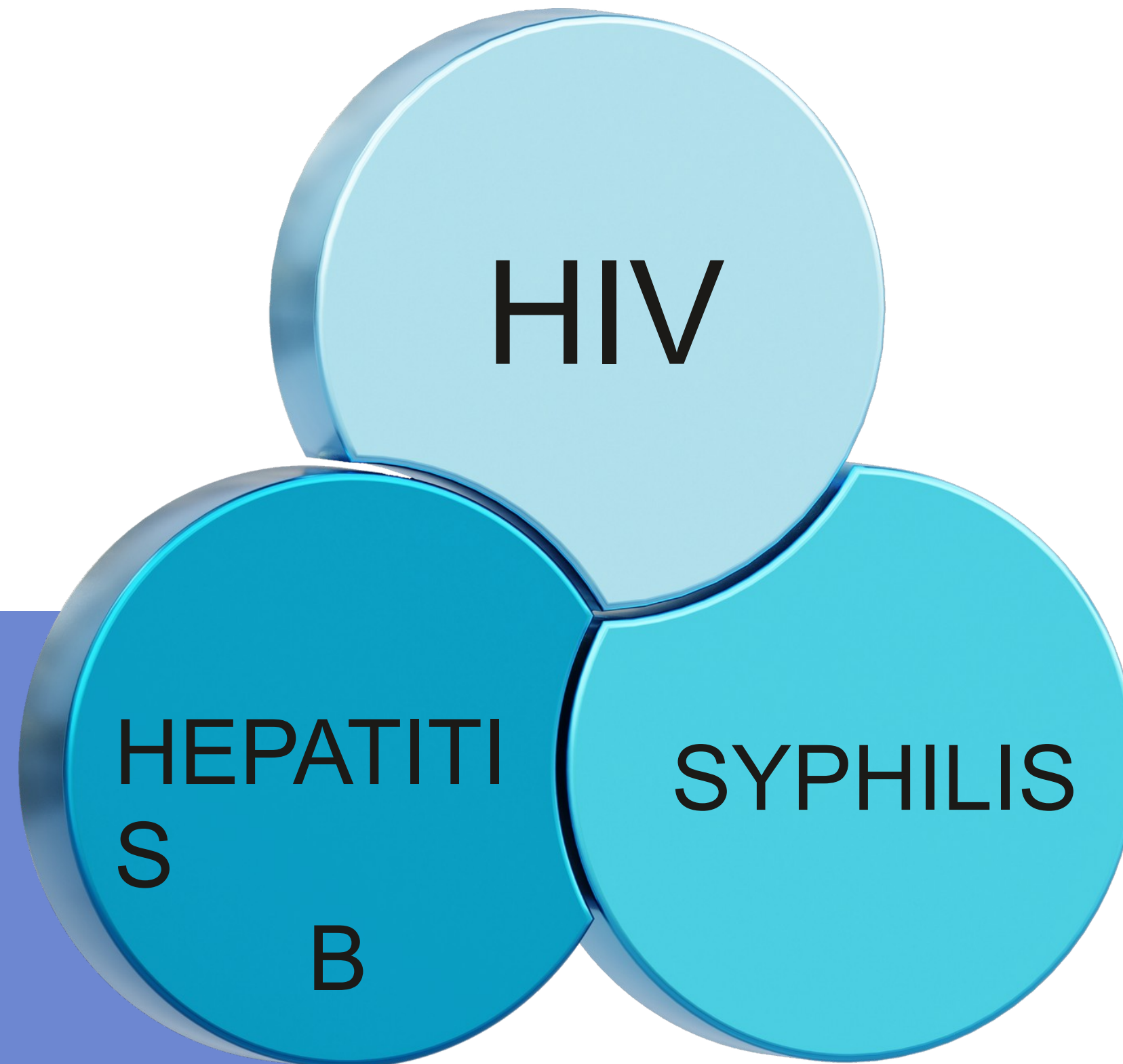
3.2 End preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to ≤ 12 per 1000 live births and under-5 mortality to ≤ 25 per 1000 live births

3.3 End the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases

3.7 Ensure universal access to sexual and reproductive healthcare services, including for family-planning, information and education, and the integration of reproductive health into national strategies and programmes

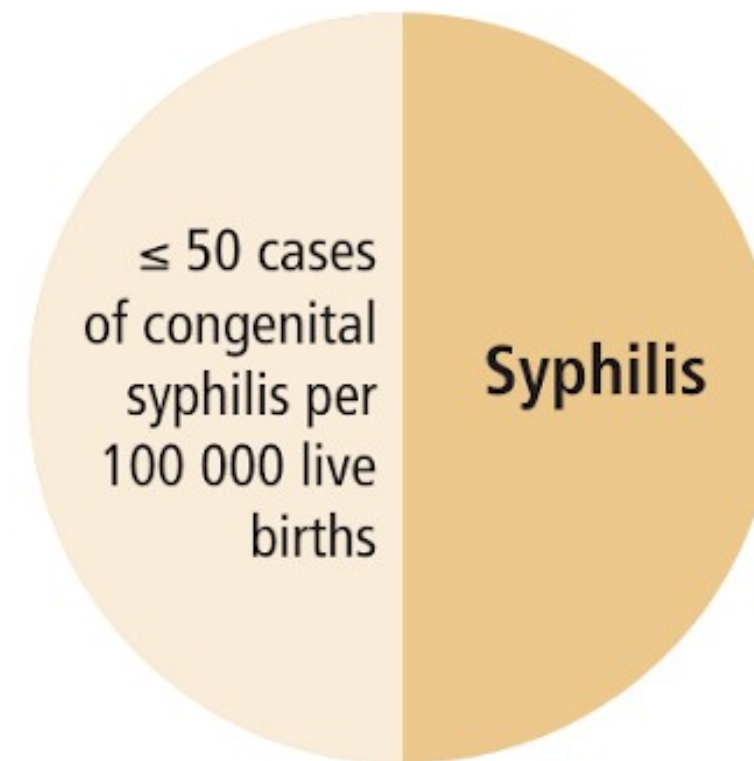
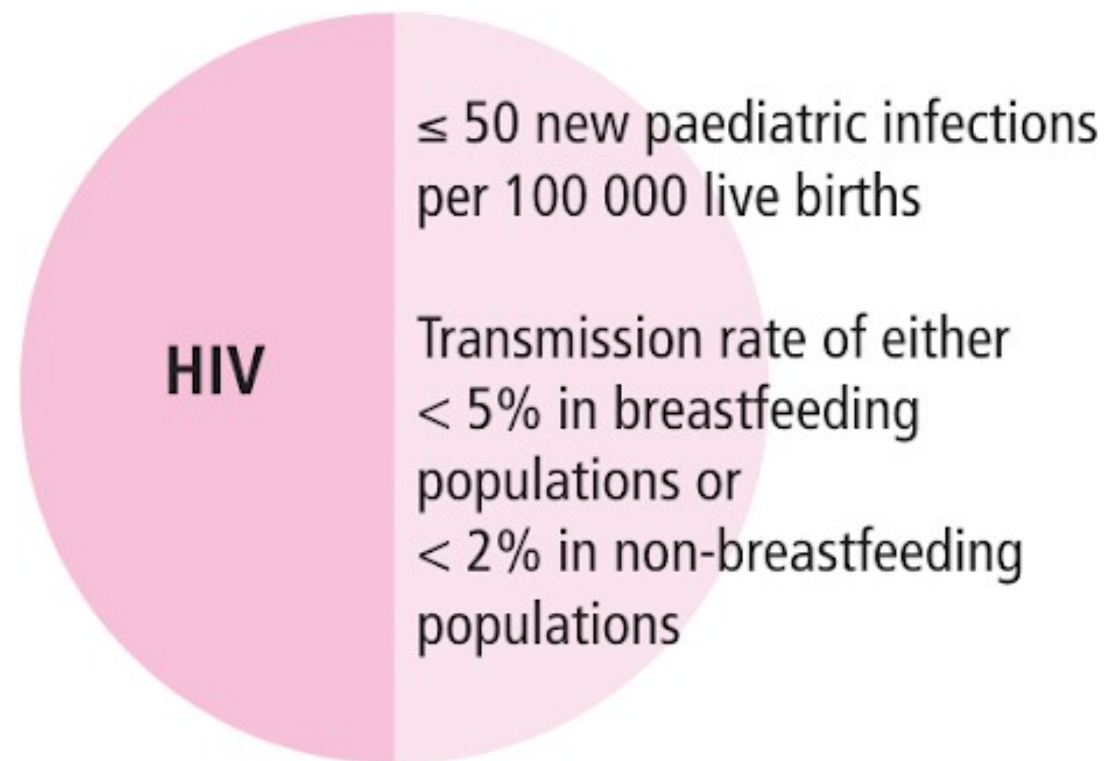
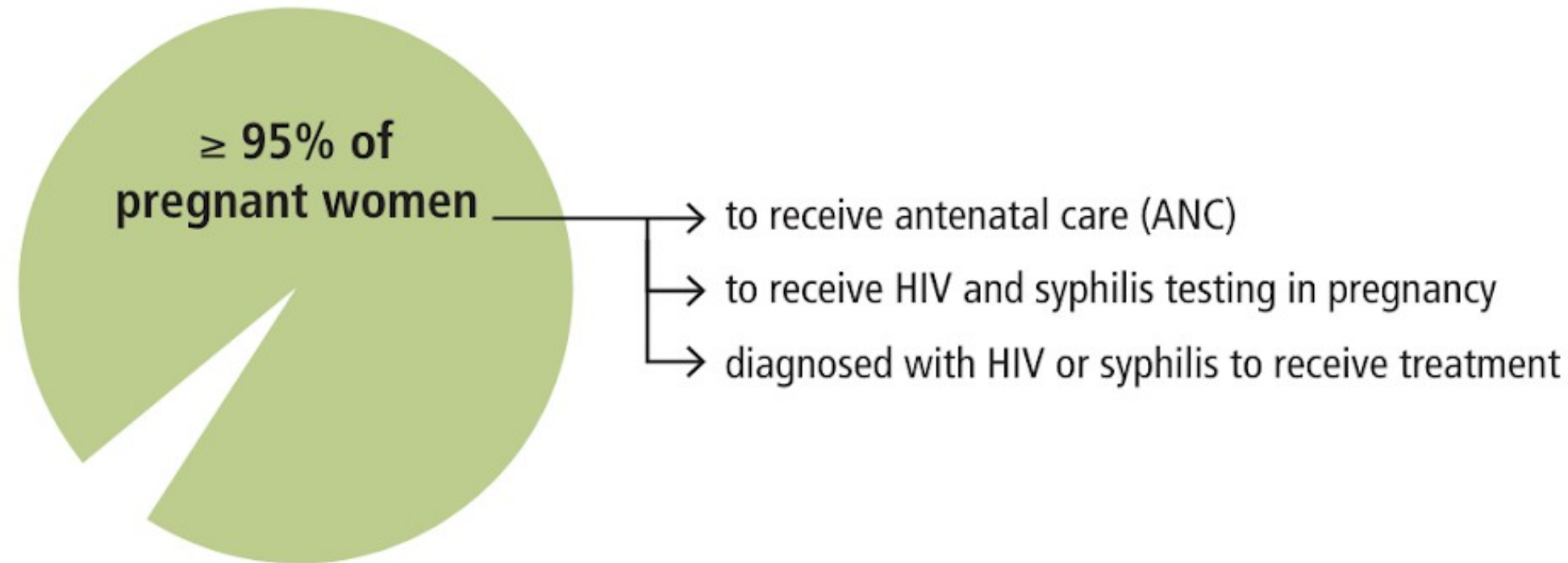
3.8 Achieve universal health coverage, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all

TRIPLE ELIMINATION

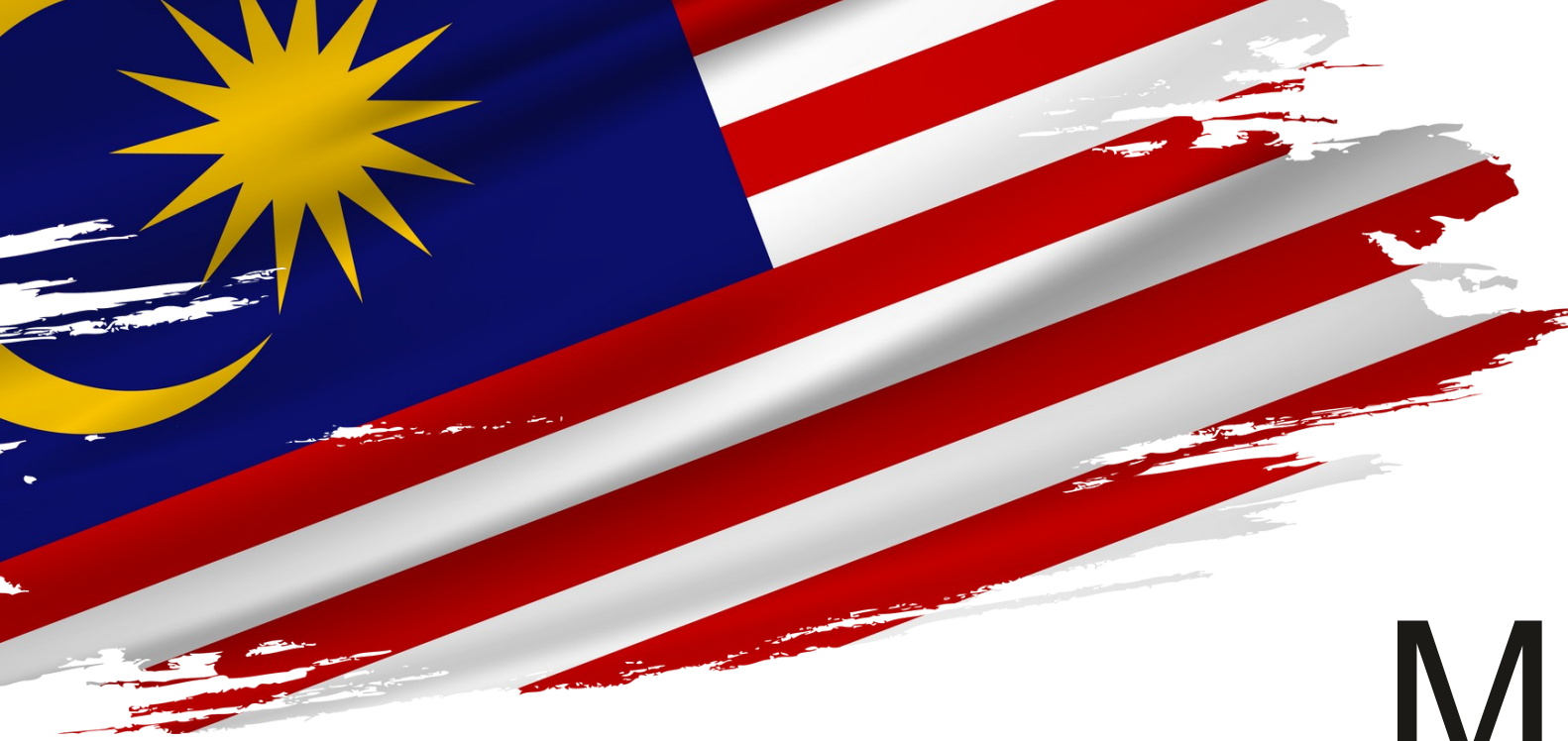


VALIDATION OF EMTCT HIV AND SYPHILIS

PROCESS



IMPACT



MALAYSIA

8 OCTOBER 2018

Received validation for
Elimination of Mother to
Child Transmission for HIV
and Syphilis

HIV TRANSMISSION

<2% HIV TRANSMISSION
FROM MOTHER TO CHILD
IN 2016

SYPHILIS

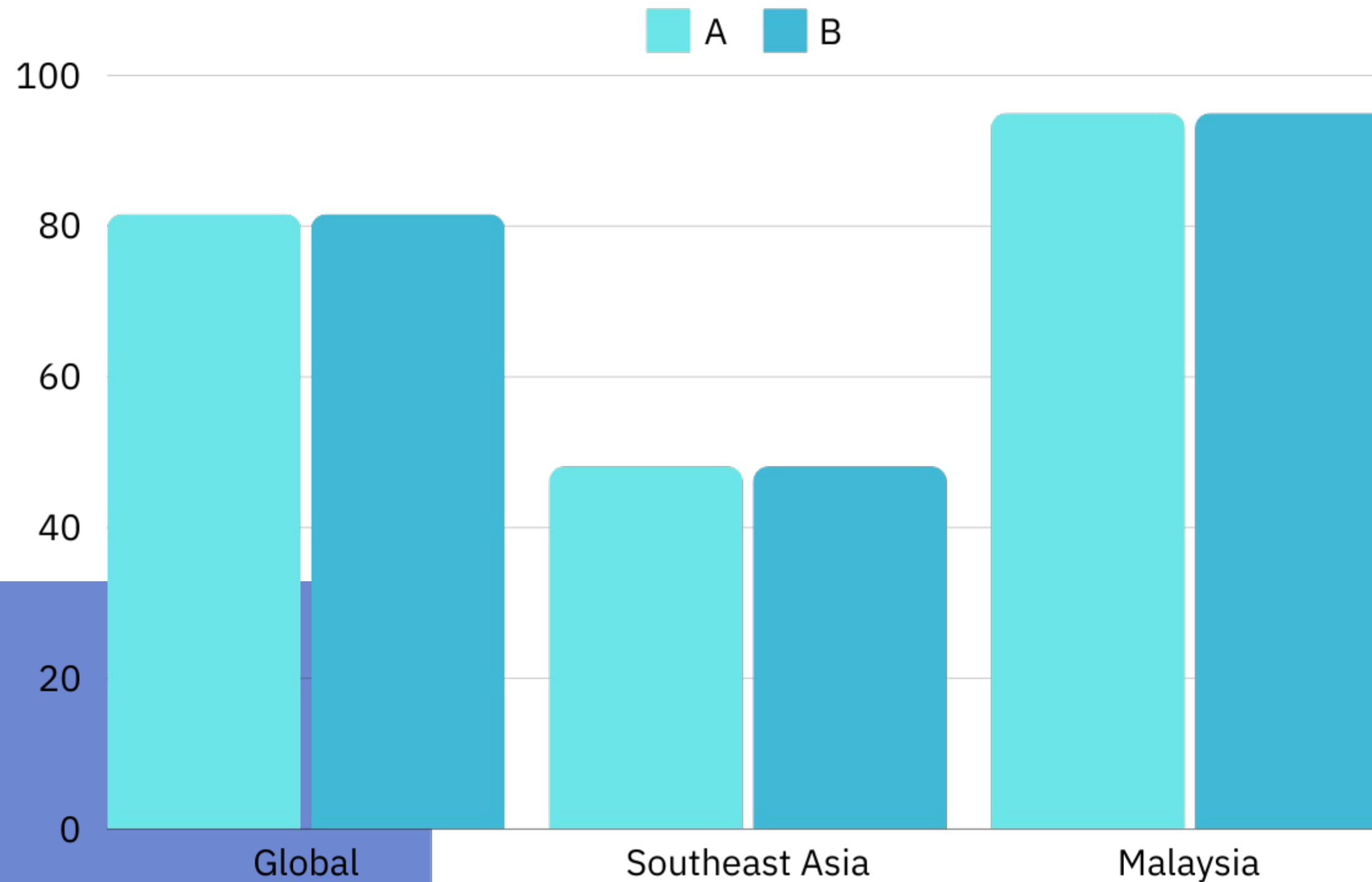
TRANSMISSION

<50 Congenital Syphilis /
100000 livebirth since 2011



GLOBAL AND REGIONAL COMPARISON

Percent of Pregnant women receiving ART for PMTCT and on lifelong ART 2022

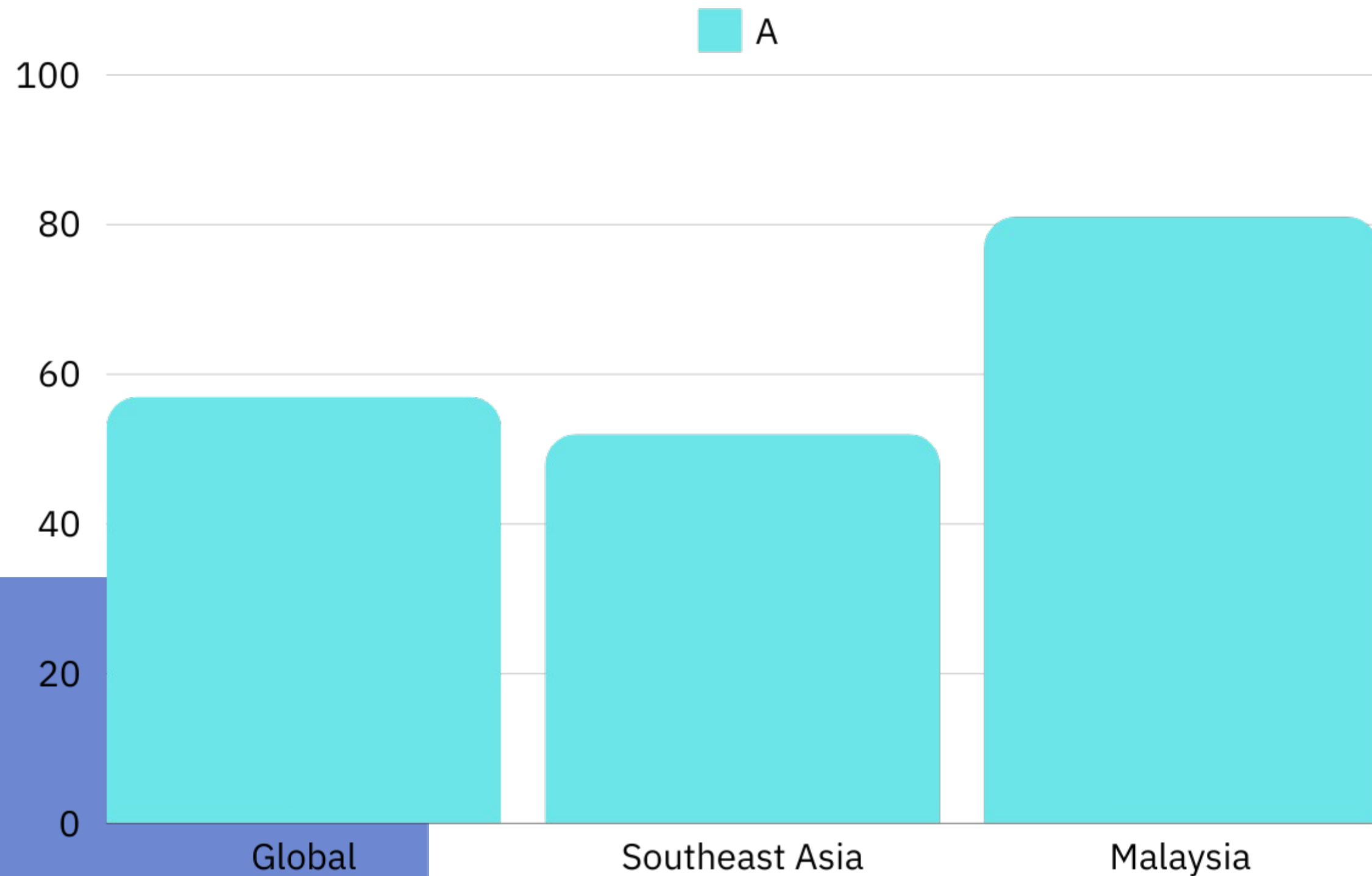


Data source: Global AIDS Monitoring and UNAIDS 2023

Estimates

GLOBAL AND REGIONAL COMPARISON

Percentage of Children Living with HIV on ART

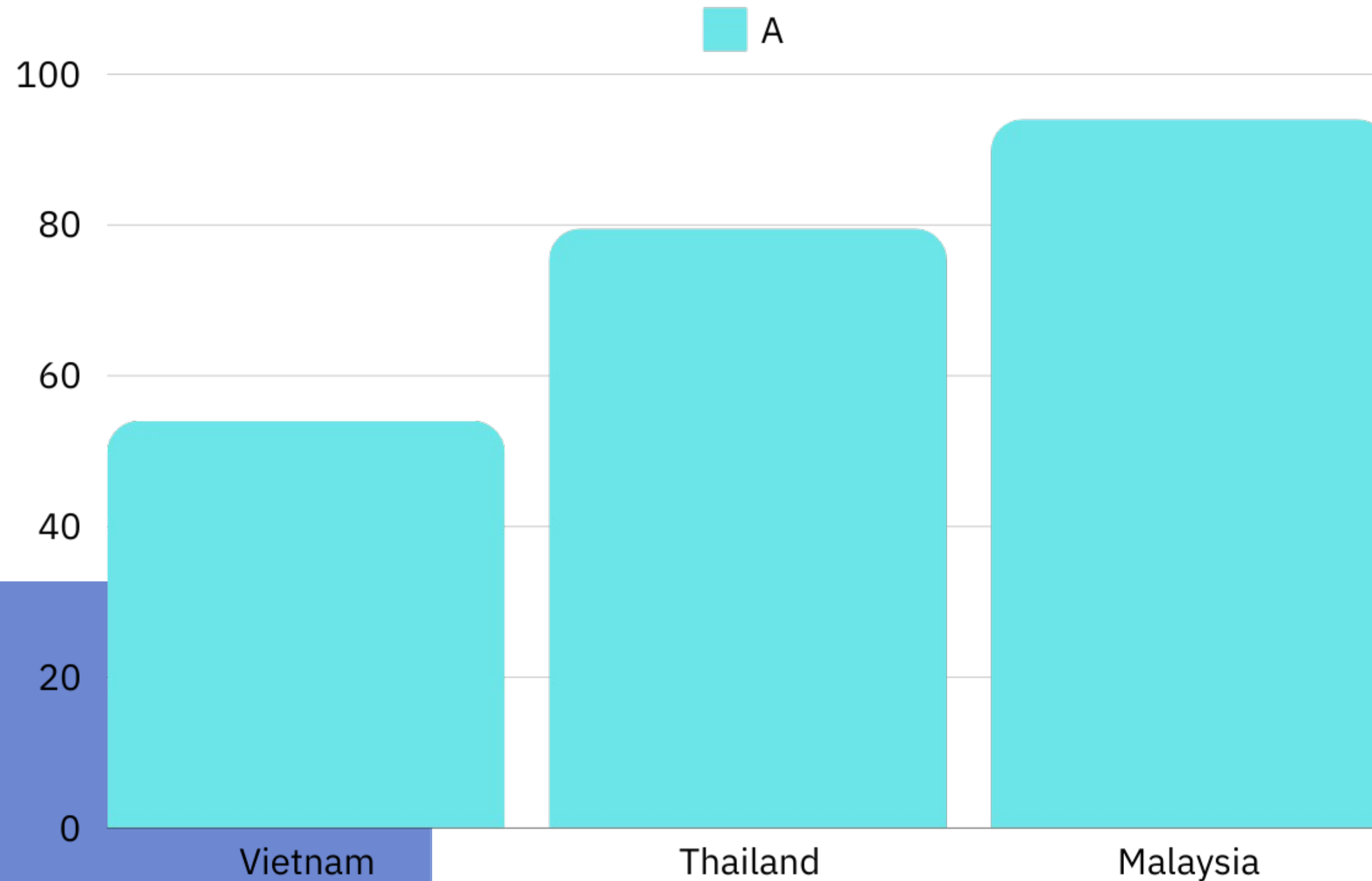


Data source: Global AIDS Monitoring and UNAIDS 2023

Estimates

GLOBAL AND REGIONAL COMPARISON

Percentage of Pregnant Women at ANC who were tested for HIV or already know
their status

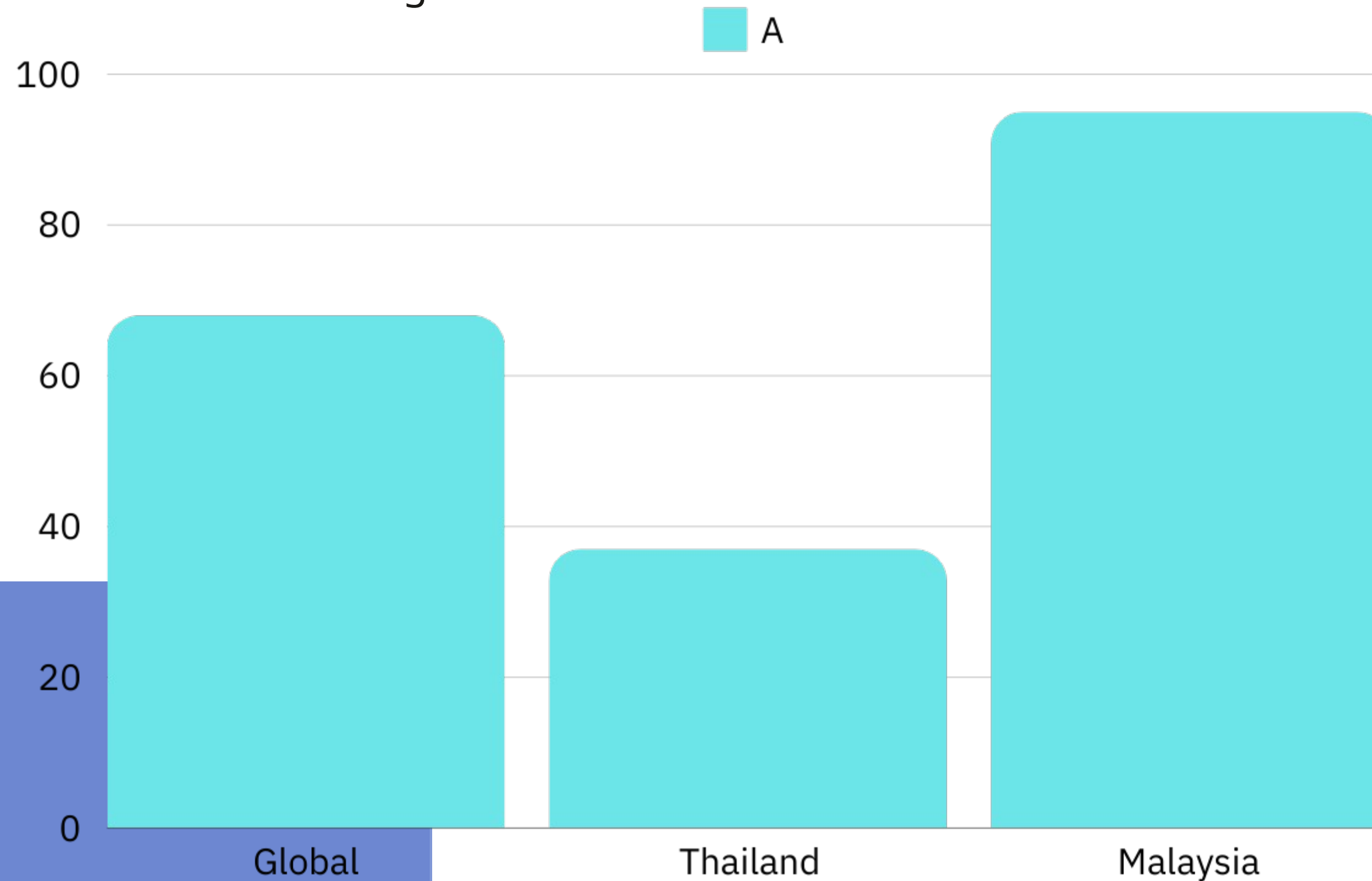


Data source: Global AIDS Monitoring and UNAIDS 2023

Estimates

GLOBAL AND REGIONAL COMPARISON

Per cent of infants born to pregnant women living with HIV who received a virological test for HIV within 2 months of birth



Data source: Global AIDS Monitoring and UNAIDS 2023

Estimates

BASIC MATERNAL CHILD HEALTH

Country	Annual number of births	INDICATORS			
		Maternal Mortality Ratio	Neonatal mortality rate	Under 5 mortality rate	Stillbirth Rate
SDG		<70 per 100 000 live births	<25 per 1000 live births	<12 per 1000 live births	
Global	140 875	216	18.6	20.9	18.4
Southeast Asia	35 853	182	28	38.9	NA
Malaysia	524	40	4.3	7.9	5.8

Data source: Global AIDS Monitoring and UNAIDS 2023
Estimates

ESTIMATED BURDEN OF HIV AND SYPHILIS

Country	HIV prevalence in the general population	HIV prevalence among pregnant women	Adult case rate of syphilis	ANC attendees positive for syphilis
Global	0.7	NA	25.7	0.7
Southeast Asia	0.2	NA	5.9	0.5
Malaysia	0.4	0	7.4	0.1

Data source: Global AIDS Monitoring and UNAIDS 2023
Estimates

TRIPLE ELIMINATION IMPACT DATA

Country	HIV MTCT Rate	Congenital Syphilis Case Rate
Data Range	2014-2020	2013-2017
Global	11.8	4.9
Southeast Asia	24.7	2.3
Malaysia	1.7	1

Data source: Global AIDS Monitoring and UNAIDS 2023
Estimates

PRINCIPLES OF SUCCESS



MALAYSIA EMTCT GOALS

Increasing testing coverage among women of reproductive age

Reducing the loss to follow-up among HIV-positive women in the PMTCT programme

Reducing new HIV infections among women

Improving the repeat testing among HIV-negative women during ANC

Reducing late booking among pregnant women

Expanding HIV testing for women at private facilities

Strengthening voluntary testing of partners of antenatal mothers

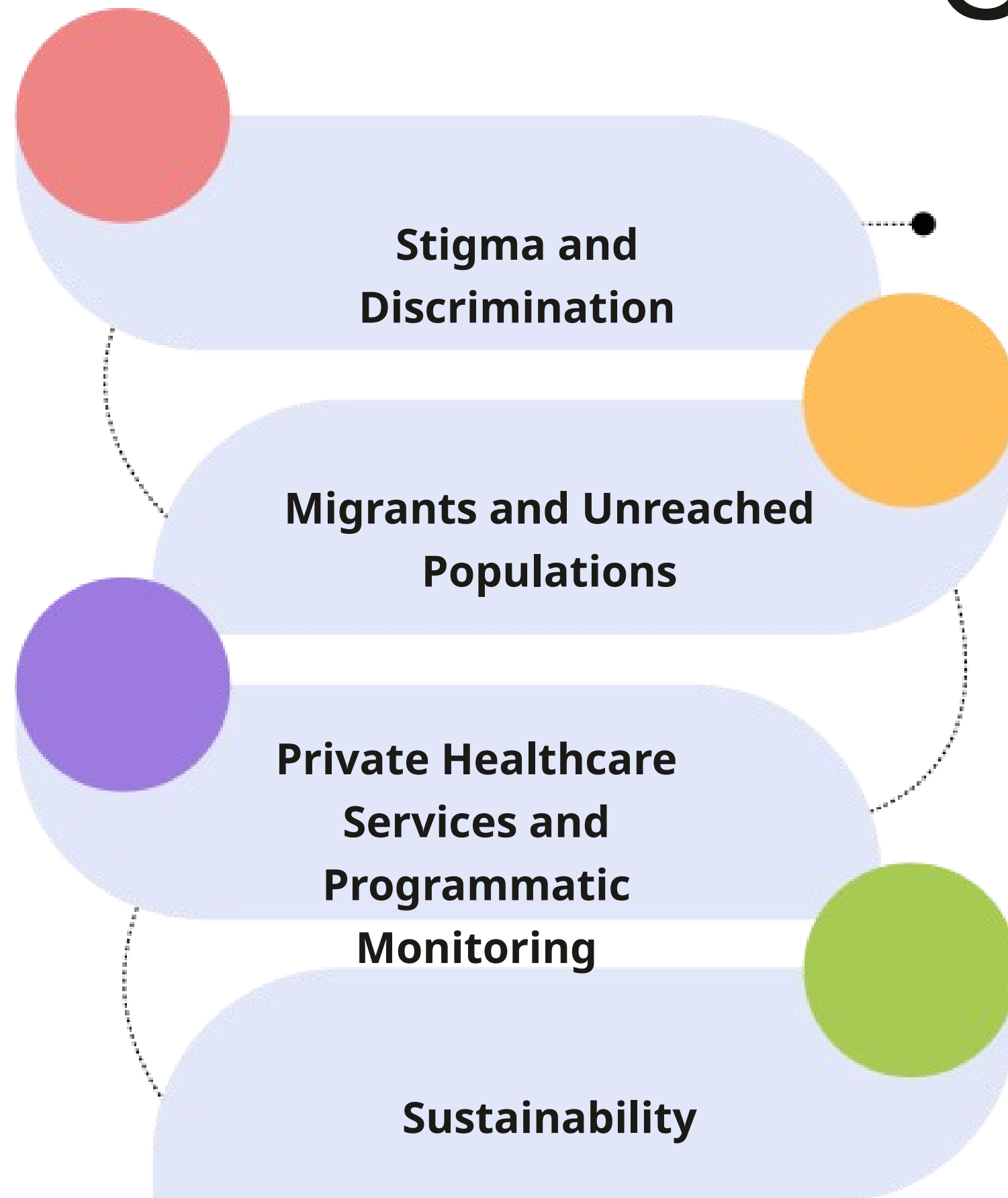
Provision of zidovudine syrup to exposed infants

Promoting adherence to treatment among HIV-positive pregnant women

Recommending Option B-plus for all HIV-positive antenatal



CHALLENGES



Thank
you

