

ADDRESSING BARRIERS AND FACILITATORS FOR HIV SERVICES IN PREGNANCY

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BURDEN OF DISEASE

- ❖ Globally, an estimated 1.3 million women and girls living with HIV become pregnant each year.¹⁷
- ❖ The rate of transmission of HIV from a mother living with HIV to her child during pregnancy, labour, delivery or breastfeeding ranges from 15% to 45%.¹⁷

METHODOLOGY

- ❖ The poster uses a comparative analysis of WHO standard PMTCT programs in Nigeria and the UK.
- ❖ Data were collected from published articles, government reports, and other relevant sources.
- ❖ The study examines the barriers and facilitators for HIV services between Nigeria and England, the factors influencing program implementation, and the outcomes of the PMTCT programs.

PREVENTION OF MOTHER TO CHILD TRANSMISSION OF HIV (PMTCT)

PILLAR 1
Primary prevention of HIV, especially among women of childbearing potential

PILLAR 2
Preventing unintended pregnancies among women living with HIV

PILLAR 3
Preventing HIV transmission from a woman living with HIV to her infant

PILLAR 4
Providing appropriate treatment, care, and support to women living with HIV, their children, partners and families

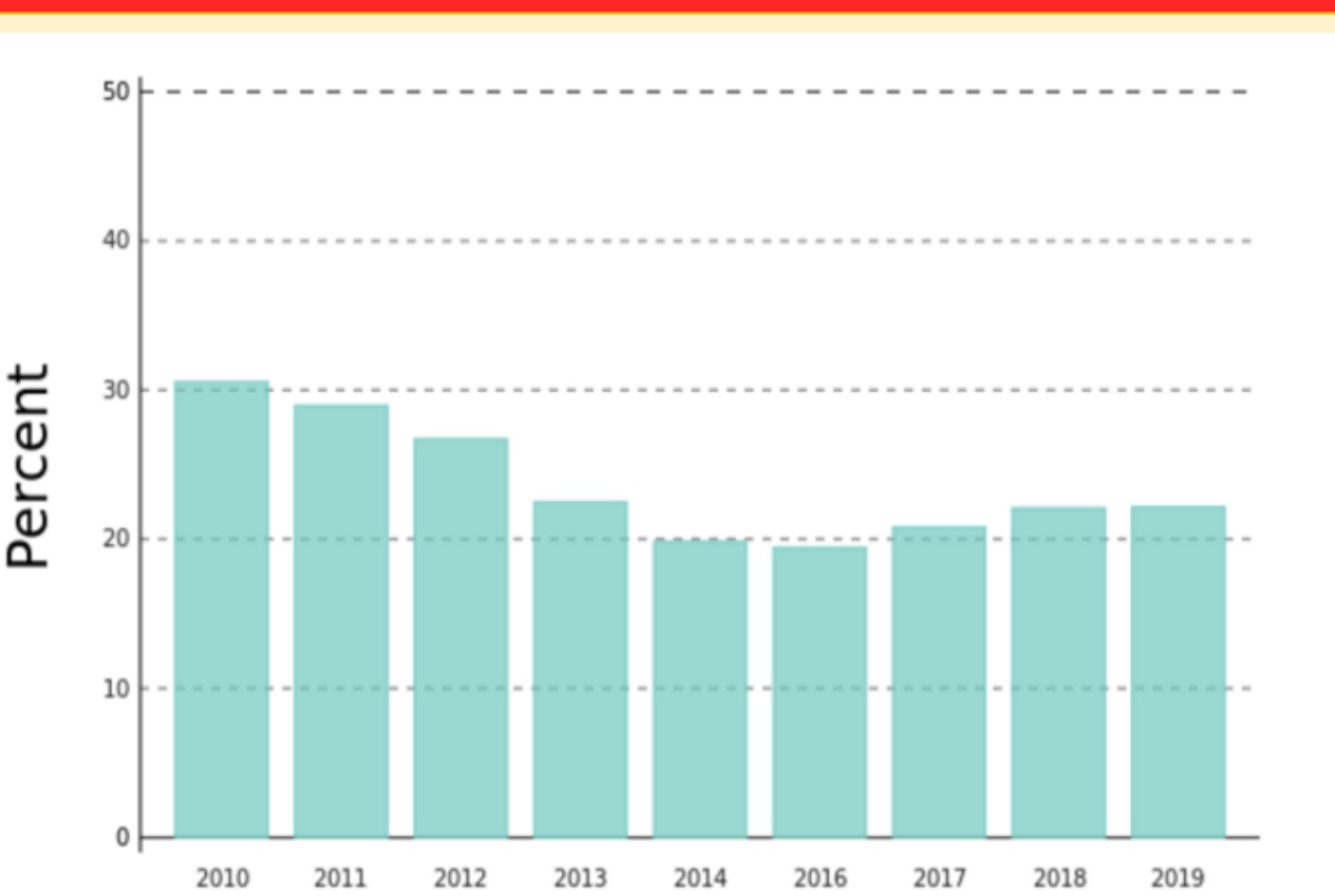
PREVALENCE OF HIV IN NIGERIA¹



PREVALENCE OF HIV IN ENGLAND²



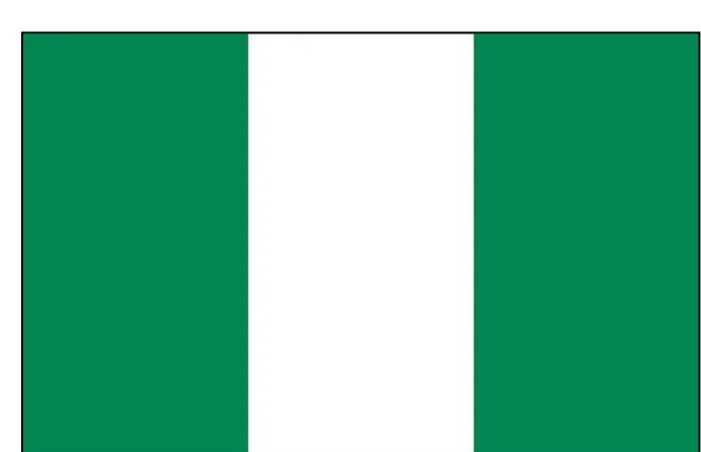
MOTHER-TO-CHILD TRANSMISSION OF HIV IN NIGERIA, 2010-19⁸



MOTHER-TO-CHILD TRANSMISSION OF HIV, IN ENGLAND 2000-19²



INDICATORS	HIV incidence in women (ages 15-49)	Percentage of married women with unmet need for family planning (ages 15-49)	Maternal ARV coverage (prophylaxis and ART coverage) Vertical transmission rate	Percentage of pregnant women living with HIV accessing anti retroviral medication
NIGERIA FIGURES 8,9,10,11,12,13	1.3%	12%	43% 20,695 children in 2020 or one child every 30 minutes	44%
ENGLAND FIGURES 2,14,15,16	0.11 pregnant women per 1,000 tested		99.2% (83.7% conceiving on ART) Below 0.45% in England since 2012. 0.25% in 2018-19	99%



NIGERIA

BARRIERS

- Lack of Government funding for HIV services. Reliance on charity and NGO donations.³
- Only 4.7% of antenatal care facilities in offer prevention of MTCT services.⁵

FACILITATORS

- Adoption of a standardized 4 stage approach to tackle MTCT, in line with WHO guidelines.⁶

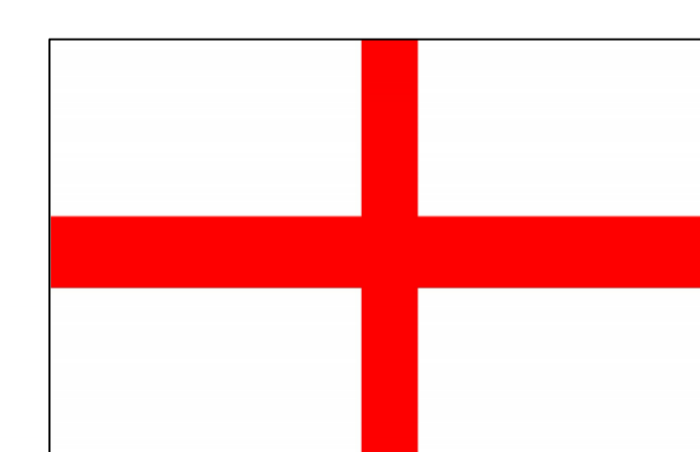
RESULTS

- ❖ Different barriers and facilitators for PMTCT of HIV in the UK and Nigeria.
- ❖ The UK has a comprehensive and well-funded PMTCT program that offers antenatal screening, antiretroviral treatment, and infant prophylaxis.
- ❖ Nigeria's PMTCT program has limited resources, inadequate infrastructure, and limited access to antiretroviral drugs.

CONCLUSION

- ❖ The PMTCT programs in Nigeria and the UK have made significant progress in reducing mother-to-child transmission of HIV.
- ❖ Nigeria faces several challenges, including, limited resources and inadequate infrastructure.
- ❖ The UK's comprehensive and well-funded PMTCT program provides an excellent model for Nigeria to follow.

ENGLAND



BARRIERS

- There is need for a multimorbidity approach in health care services to provide more holistic care for the older population living with HIV.⁴

FACILITATORS

- The Infectious Diseases in Pregnancy Screening (IDPS) programme tests pregnant women at booking and in the 2nd trimester of pregnancy for HIV.⁷
- Specialist HIV services funded by charities and NGO's.⁴

LIMITATIONS

- ❖ Not many recent research on HIV related to MTCT due to low frequency in England.
- ❖ Recent data likely to be inaccurate due to COVID-19.
- ❖ Difficulty in monitoring progress due to lack of national-level data on several critical PMTCT indicators.

RECOMMENDATIONS

- ❖ To achieve EMTCT, Nigeria must increase funding, improve infrastructure, and expand access to antiretroviral drugs.

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