

**WHO HIVRESNET STEERING COMMITTEE MEETING,
November 10–12, 2009
Geneva, Switzerland**

Progress : West Africa

**Dr GERSHY-DAMET GUY-MICHEL
REGIONAL ADVISER FOR HIV LABORATORY
COORDINATOR FOR HIVDR
REGIONAL OFFICE FOR AFRICA**

IST-WA: Population in 2007



Number of districts	1523
Total Population 2007	312 461 193
Bill Gate	Côte d'Ivoire; Togo; Ghana; Burkina Faso
Spanish fund	Senegal

Source: EPI report

SUMMARY OF THE MAIN RESULTS

Table 2: Antiretroviral availability and coverage

COUNTRY	RESULTS		% INCREASE
	2007	2008	
Total number of health care facilities	25 869	41 369	59,9%
Number of health care facilities providing ART	915	1 228	34,2%
Total number of adults and children who received ART	237 393	394 507	66,2%
Total number of adults and children who received ART (Nigeria)	166 734	231 079	38,6%

Antiretroviral availability and coverage

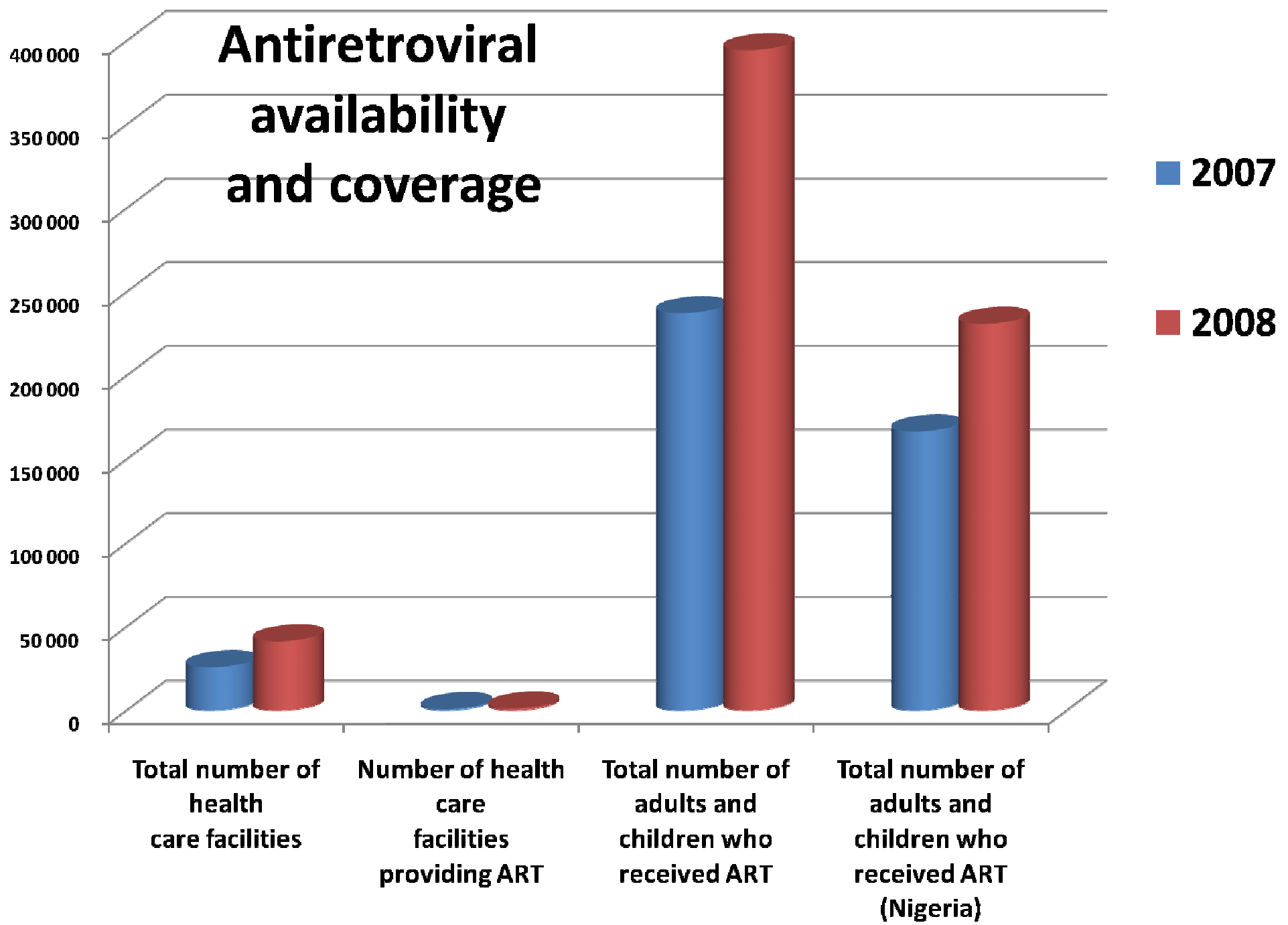
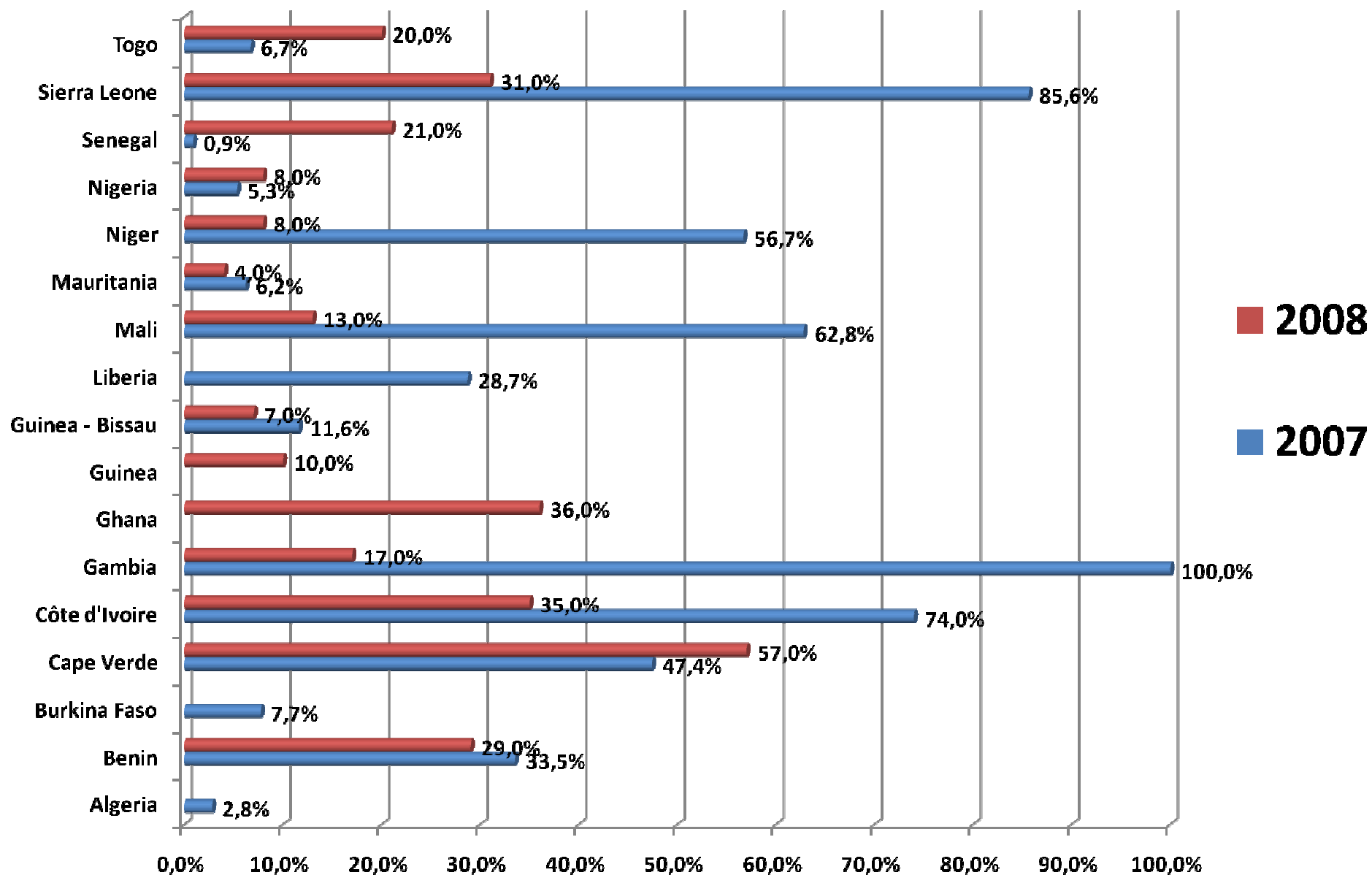


Table 4: Number of adults/children receiving ART

COUNTRY	NUMBER OF ADULTS/CHILDREN RECEIVING ART		% INCREASE
	2007	2008	
Algeria	<i>No data</i>	1 111	-
Benin	9 765	12 078	23,7%
Burkina Faso	15 888	21 103	32,8%
Cape Verde	348	360	3,4%
Côte d'Ivoire	<i>No data</i>	51 820	-
Gambia	423	770	82,0%
Ghana	13 357	21 541	61,3%
Guinea	<i>Did not participate</i>	9 212	-
Guinea - Bissau	890	1 809	103,3%
Liberia	1 414	<i>No data</i>	-
Mali	10 793	17 098	58,4%
Mauritania	256	339	32,4%
Niger	1 474	2 846	93,1%
Nigeria	166 734	231 079	38,6%
Senegal	7 325	7 474	2,0%
Sierra Leone	904	4 656	415,0%
Togo	7 822	11 211	43,3%

% OF HIV-INFECTED PREGNANT WOMEN WHO RECEIVED ANTIRETROVIRALS TO REDUCE THE RISK OF PMTCT



FUNDING/SUPPORT

Country	Gates via WHO/AFRO	CDC/PEPFAR	Spanish Gov't	GFATM	NGO/Universities /UNAIDS
Burkina Faso	√			√	√
Benin					√
Cote D'Ivoire	√	√			
Togo	√				√
Senegal			√		√
Ghana	√			√	√
Mali				√	√
Nigeria		√			√
Total	4/8	2/8	1/8	3/8	7/8

REGIONAL PROGRESS

- Training workshop to pilot The HIVDR Training Package
Dakar, Senegal, May 05-08, 2009

outcomes

- National Reference Laboratory Directors will be able to:
 - Set up a DR lab following the bio-safety standards (both physical infrastructure and the workflow)
 - Select qualified personnel to perform DR testing
 - Establish QA/QC program for DR testing, including reporting
 - Manage the lab and DR testing program to achieve quality testing/reporting and to support ARV program expansion
- Senior laboratory technicians will be able to:
 - Identify gaps in their own lab and work with the lab directors to improve the labs to achieve the level of standards required for DR testing
 - Perform the DR test procedures
 - Monitor the quality of DR testing on a daily basis
 - Manage the entire specimen handling process
 - Ensure timely reporting of test results
 - Manage recordkeeping
 - Manage contamination in PCR and sequencing – how to prevent, diagnose, and resolve
 - Take measures to protect safety of self and others
- PARTICIPANTS (30): National Reference Laboratory Directors and Senior laboratory technicians,
- Countries: (15) : Angola, Botswana, Cote d'Ivoire, Cameroon, Ethiopia, Ghana, Kenya, Mozambique, Namibia, Rwanda, Senegal, South Africa, Uganda, Zambia.
- Co-sponsor CDC: WHO/HQ

SUBREGIONAL PROGRESS

- **WORKSHOP FOR THE ANALYSIS AND INTERPRETATION OF EWI DATA FOR PREVENTION AND ASSESSMENT OF HIVDR, 28-30 JANUARY 2009, ABIDJAN, CÔTE D'IVOIRE**

Outcomes

- **Collection, analysis, validation, and interprétation of EWI data using WHO Tools are reviewed OMS sont revues.**
- **Countries final report on EWI ares prepared.**
- **Countries presentation on EWI are done.**
- **Participants (15): Clinician; epidemiologist, in charge of HIVDR program**
Countries: Burkina Faso, Benin, Togo, Nigeria, Ghana, Cote d'ivoire, Senegal, Guinea, Togo;

EWI

Country	Completed (# sites)	In progress (# sites)
BENIN	2009 (8)	
BURKINA FASO	2009(21)	
COTE D'IVOIRE	2009 (21)	
GHANA	2009(40)	
NIGERIA	2009(9)	
SENEGAL	2009(22)	
TOGO	2009(5)	

Threshold Survey

Country	Completed (Years)	In progress (Expected completion year)
BURKINA FASO		2010
COTE D'IVOIRE	2009	
GHANA	2009	
NIGERIA	2009	

Monitoring

Country	Completed (Year)	In progress (Expected completion year)
BURKINA FASO		2010
COTE D'IVOIRE		2010
GHANA	2009	
SENEGAL		2010
NIGERIA		2010

Laboratory Accreditation

Country	# Accredited	# In progress
SENEGAL	2009	
COTE D'IVOIRE		2009

Achievements

- Committee of HIVDR/EWI made both site and programmatic recommendations for use nationally.
- Report prepared and share with all the keys decisions makers and partners

CHALLENGES

- Funds to systematically implement all aspect of the national HIVDR plan.
- Human resource issues : Drs, nurses, pharmacy, data clerks
- Inadequate supply of ARVs, OI drugs and other supplies
- Incomplete Medical and Pharmacy records
- Patients and specimen flow in busy ARV clinics
- Limited infrastructure for transport of specimen in country
- Access of patients to ARV: transport, cost, Pharmacy hours
- Provision of technical support in resistance monitoring to the majority of countries.
- Trained pool of consultant
- Ensuring and maintaining a coordinated QA/QC system that will guarantee quality resistance monitoring
- Translation of various protocol in official languages (French , Portuguese)

WAY FORWARD

- Training of consultants on the HIVDR strategy for provision of timely support to countries
- Partners should provide timely responses to proposals submitted for approval
- Establishment of reference laboratories in the region
- Develop a regional database on HIV resistance monitoring
- Assist Countries to have harmonized database for HIV resistance monitoring.
- Frequent visits to countries to assess the level of implementation
- HR strengthen at sub regional level from the Bill and Melinda Gates Foundation grant

THANKS