

"Measuring the Coverage of Health Services for Young People"



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***Training Course in
Sexual and Reproductive Health Research
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Definition of Coverage

The proportion of young people for whom services are available/ accessible/ acceptable or being used by them

i.e.

The number of young people (aged 15 to 24 years) for whom services are available/ accessible/acceptable or being used by them

divided by the number of young people (aged 15 to 24 years) who need the services

**Do we know if Young
People use Health
Services?**

Honduras Tegucigalpa, 2007

Sex	Aware	Not aware	Know location	Used the service in the last year
Males (15-24)	131	209	106	47
15-19	74	132	63	29
20-24	57	77	43	18
Females (15-24)	181	177	141	63
15-19	110	102	83	38
20-24	71	75	58	25
Total	312	386	247	110

Sri Lanka coverage survey

Use of Health Services in Gampaha area		
Visited a health facility or provider	Number	%
Yes	180	85.7
No	30	14.3
Total	210	100.0

Source: Community survey

HIV UNGASS GOAL

**By 2005: ensure that at least 90 %,
&**

**by 2010: At least 95 of young, 
15-24,**

*have ACCESS to information, education,
including peer and youth-specific HIV
education and services necessary to
develop the life skills required to reduce
their vulnerability to HIV infection;*

Global monitoring – MDG 5

Possible revisions

Reduce maternal mortality

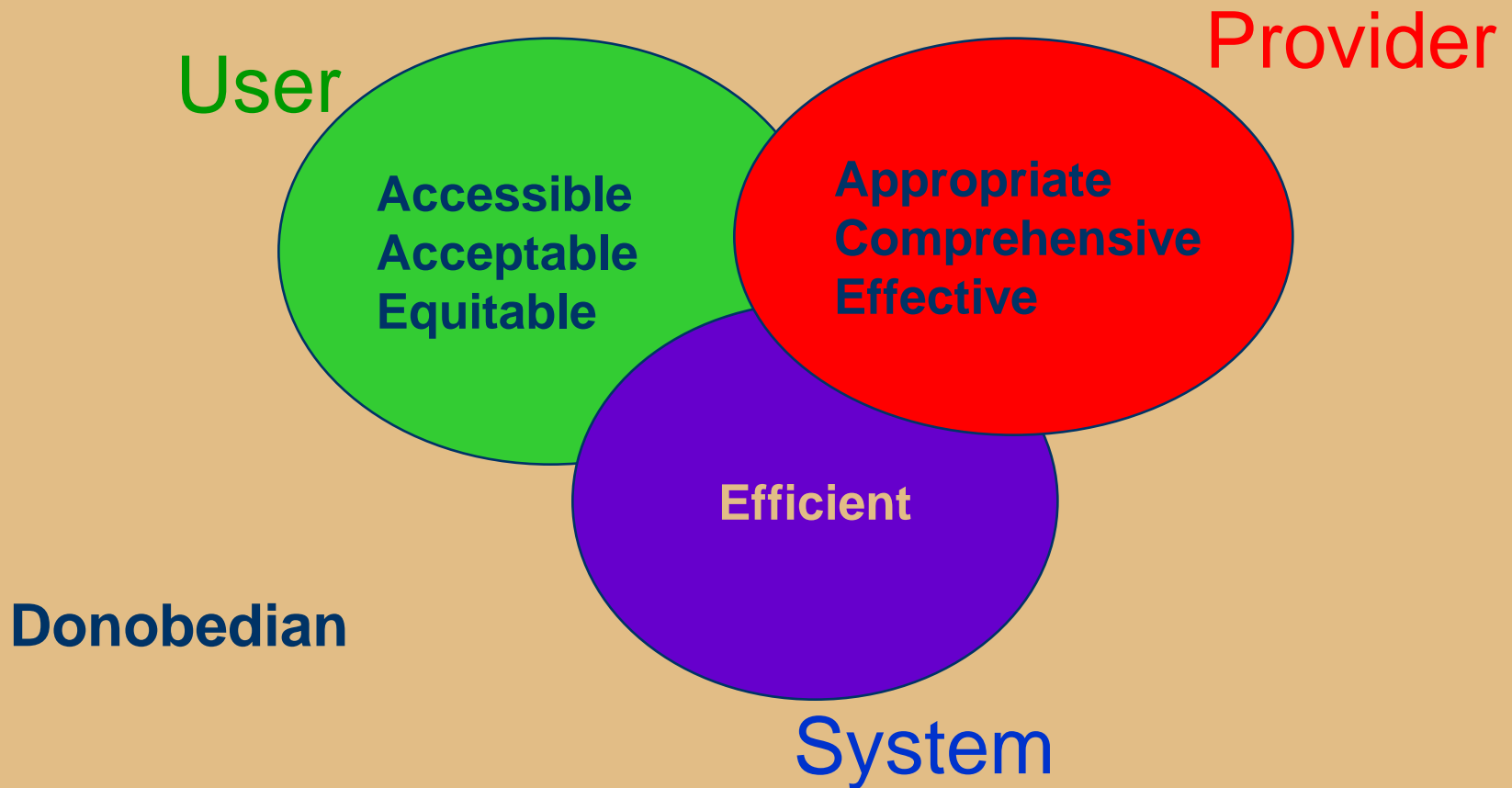
Target(s)

- Achieve universal access to reproductive health

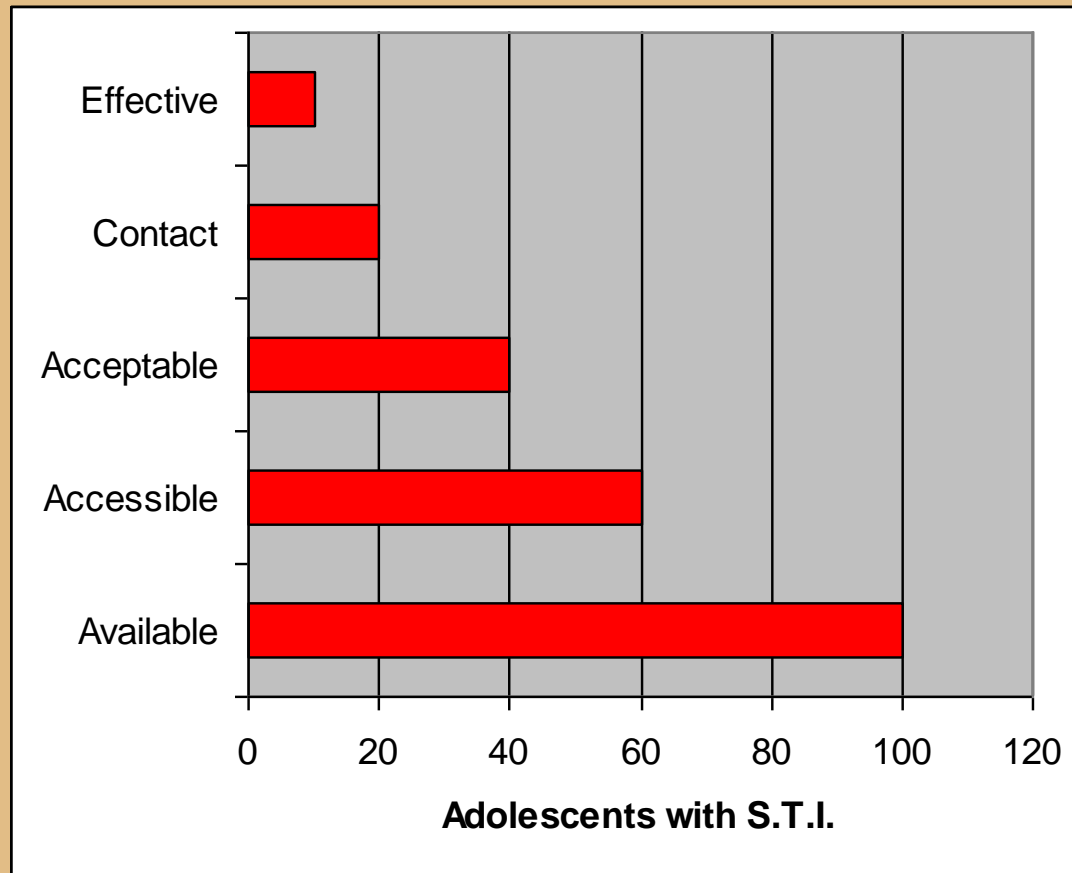
Indicators

- Maternal mortality ratio
- Births attended by skilled health personnel
- Contraceptive prevalence
- *Unmet need for family planning*
- *Adolescent fertility measure*
- *Antenatal care attendance*

Quality conceptual model



Tanahashi Conceptual Framework For Coverage



[1] Tanahashi, 1978. "Health service coverage and its evaluation." Bulletin of the World Health Organization, 56(2):295-303.

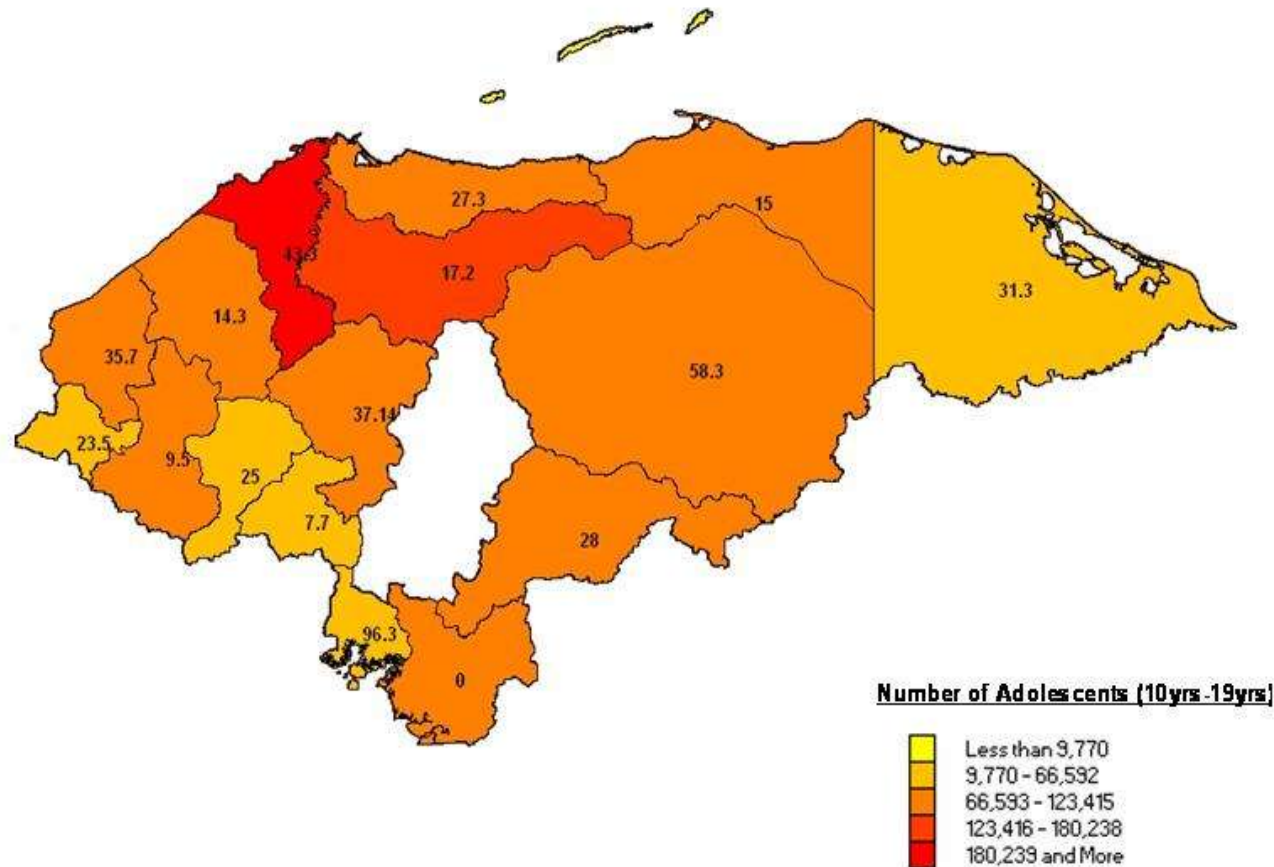
Availability Coverage

"The % of Health Facilities providing Health services to adolescents"

Honduras

Percentage of health facilities in Honduras offering services for adolescents

by region (2008)



Accessibility Coverage

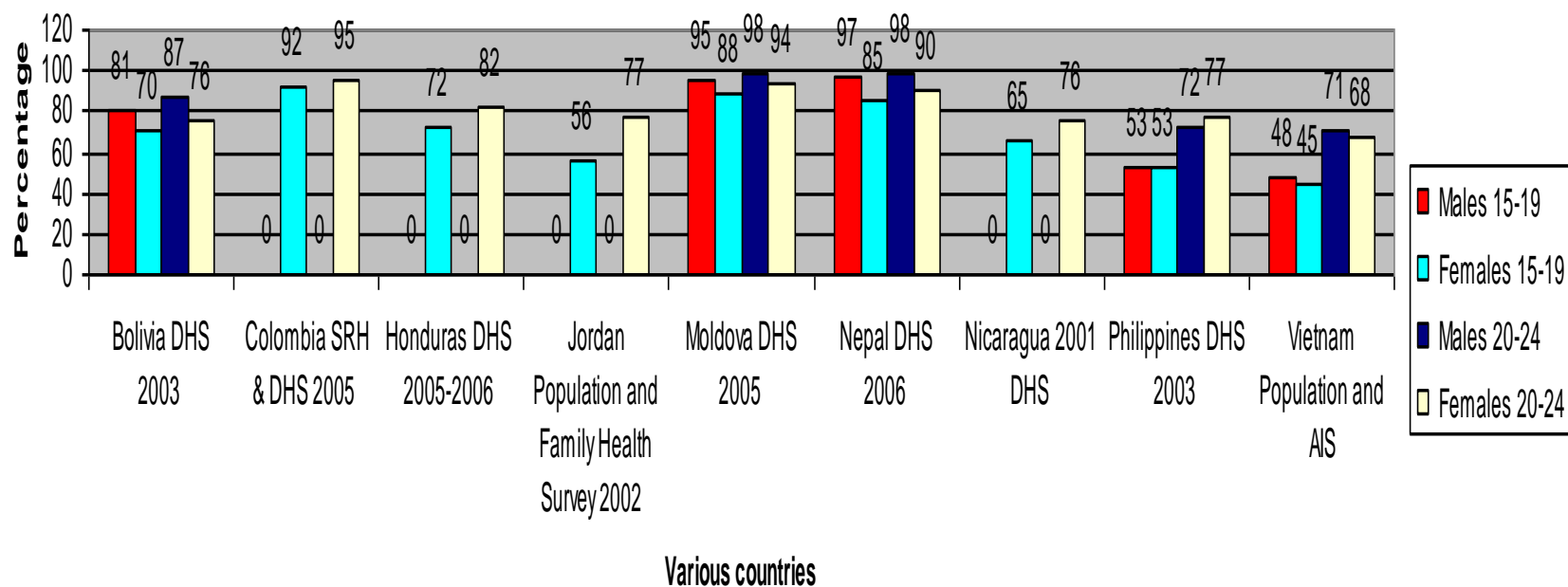
" The % of Young People who can reach and use the service "

Honduras Tegucigalpa, 2007

Sex	Aware	Not aware	Know location	Used the service in the last year
Males (15-24)	131	209	106	47
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Some data **from** DHS, BSS or AIS on National Indicator No. 5

Knowledge of formal source of condoms among young men and women aged 15-24 years



Acceptability Coverage

" The % of Young People who are willing to use the service"

AYA/CAH Tanzania coverage survey

Service satisfaction in Temeke		
	Out of School %	In School %
Would you advise a friend to go?	77.8	77.7
Did you advise a friend to go?	56.7	57.4

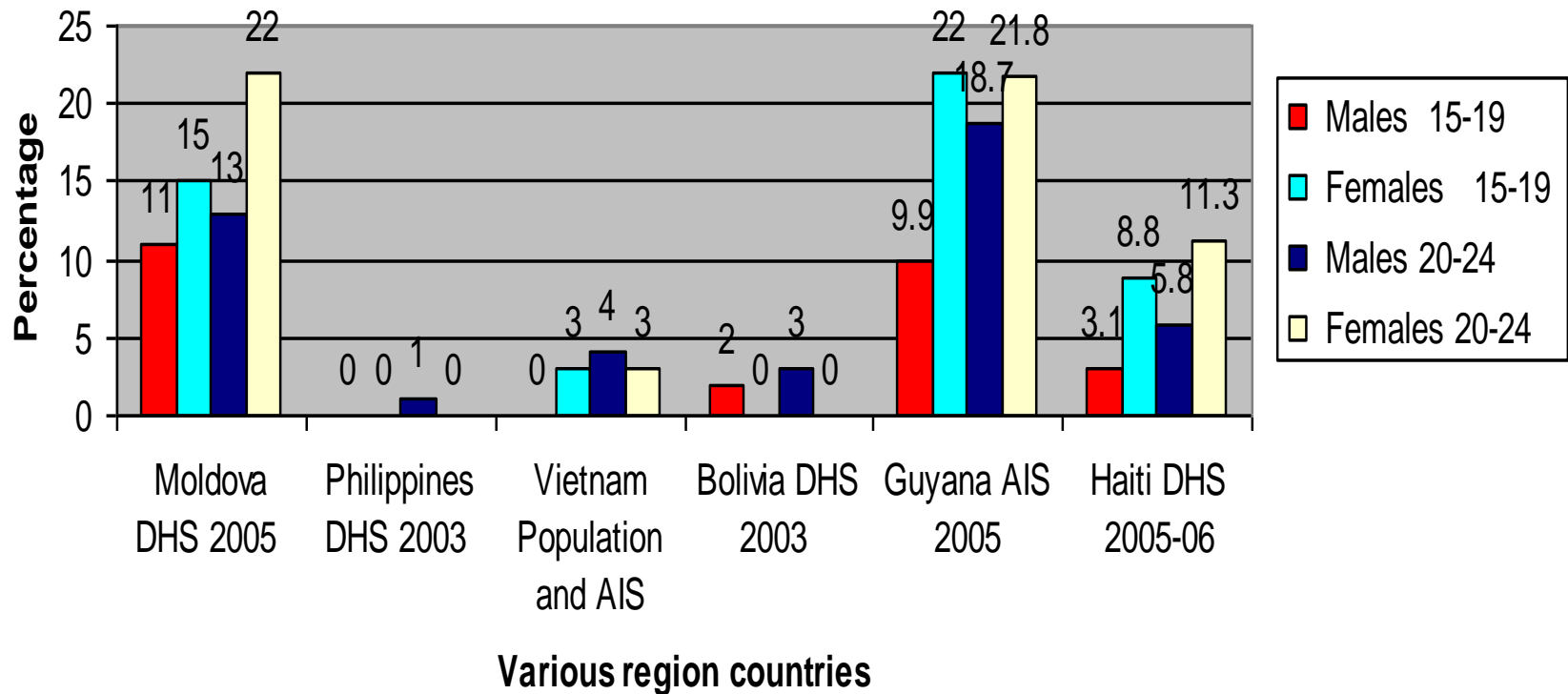
Source: Community survey

Contact Coverage

" The % of Young People who actually use the service"

Survey data from DHS, BSS or AIS for Global Indicator 3

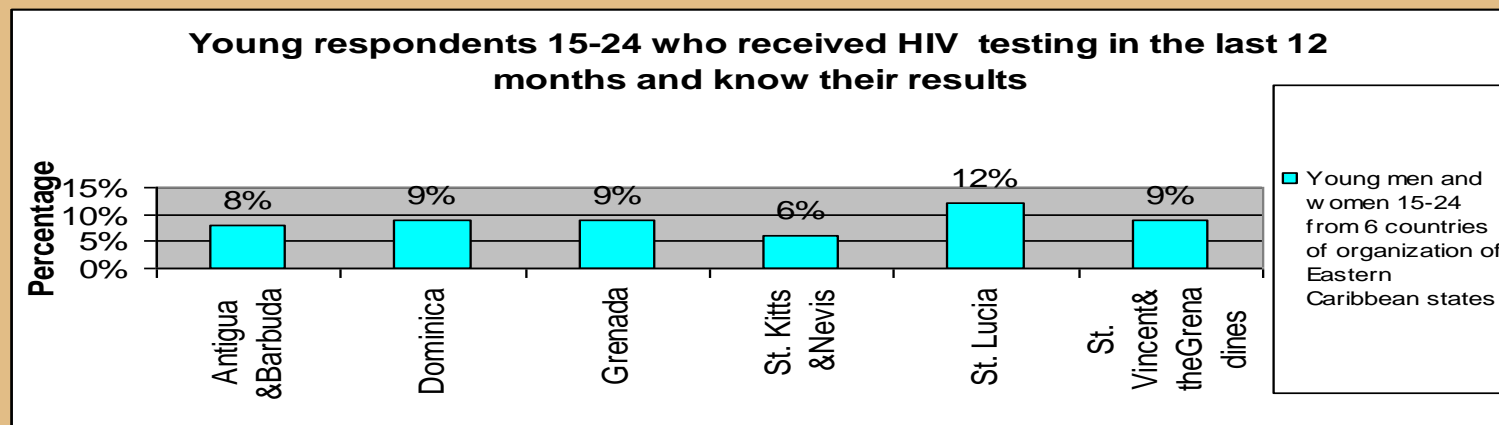
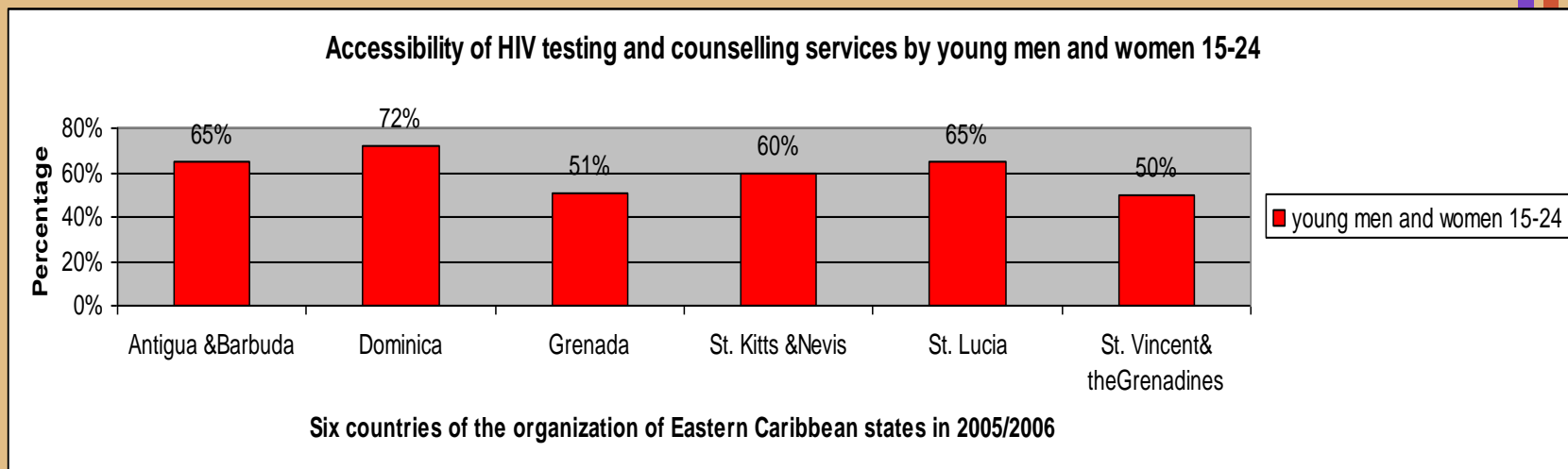
Young people aged 15-24 who had an HIV test and know the results



Honduras Tegucigalpa, 2007

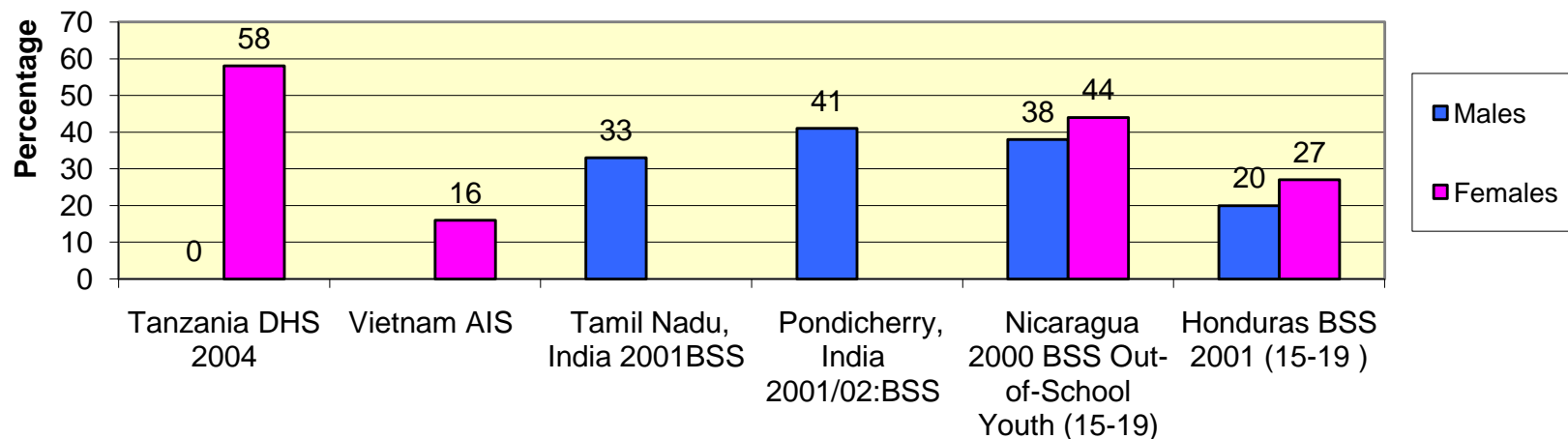
Sex / age	Sexually active young people	Did HCT during the last year	Did HCT and know result
Males	224	13% (28)	12% (26)
15-19	108	6	6
20-24	116	22	20
Females	165	25% (42)	24% (39)
15-19	60	16	16
20-24	105	26	23
Total	389	18% (70)	17% (65)

Knowledge of HTC & Use Indicators No. 6 & 3



Survey data from DHS, BSS or AIS for Indicator 9

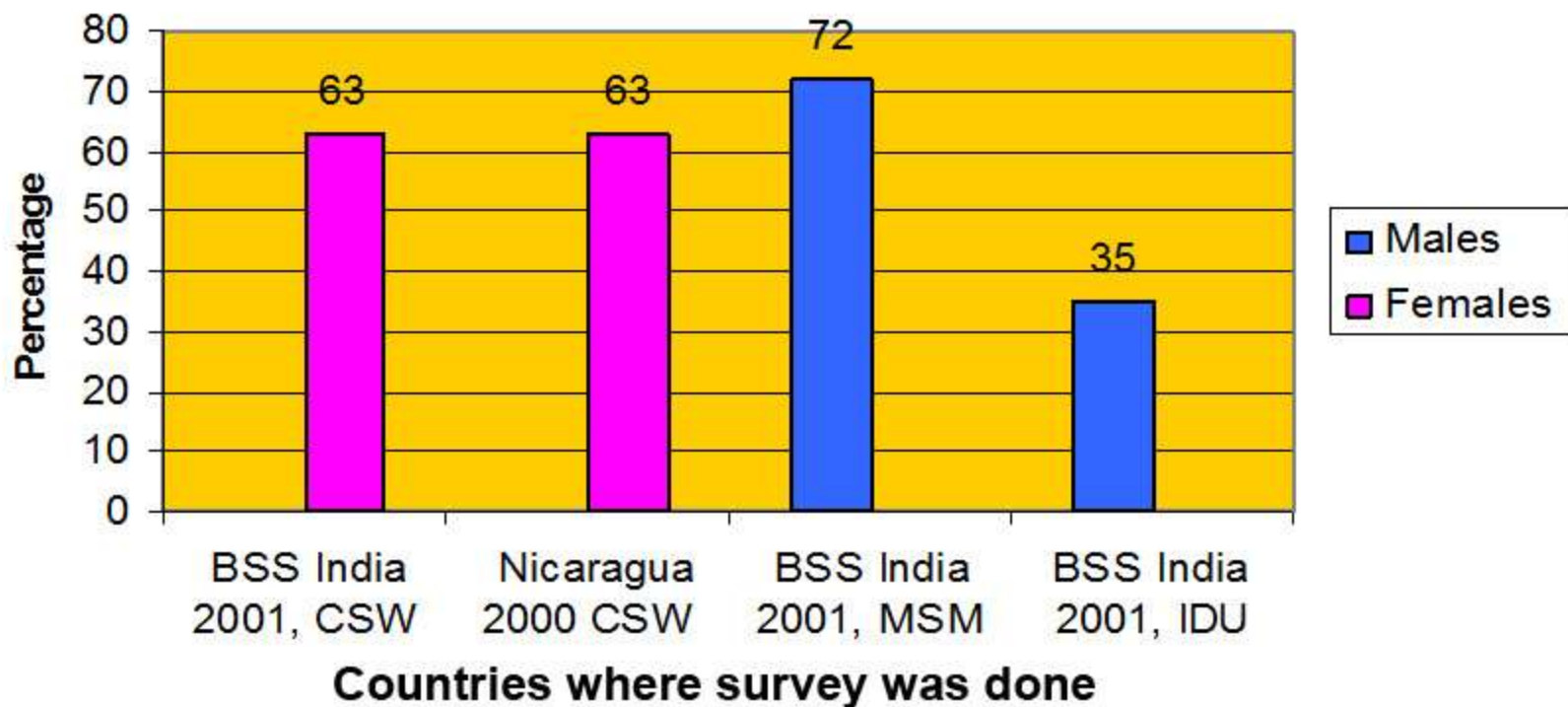
Young Men and Women (15-24 yrs) Seeking STI Treatment



Countries where survey was done

Survey data from DHS, BSS or AIS showing values for indicator similar to National Indicator 9 of the coverage tool, CAH/WHO

Most at Risk Groups Seeking STI Treatment



Global monitoring – MDG 5

Possible revisions

Reduce maternal mortality

Target(s)

- Achieve universal access to reproductive health

Indicators

- Maternal mortality ratio
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Indicators for Universal Access to Reproductive Health

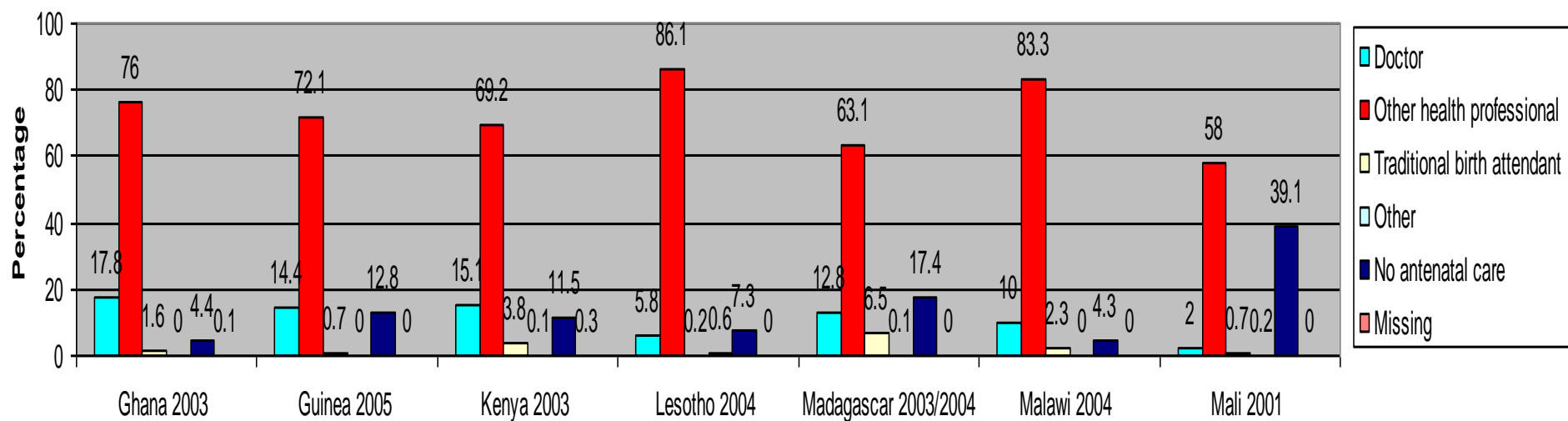
CONTRACEPTIVE Prevalence

Review Indicator # 13
in

GREEN FOLDER

Survey data from DHS for RH Indicator No. 14

Antenatal care at less than 20 years



Sub-Saharan Africa (cont.)

Indicators for Universal Access to Reproductive Health

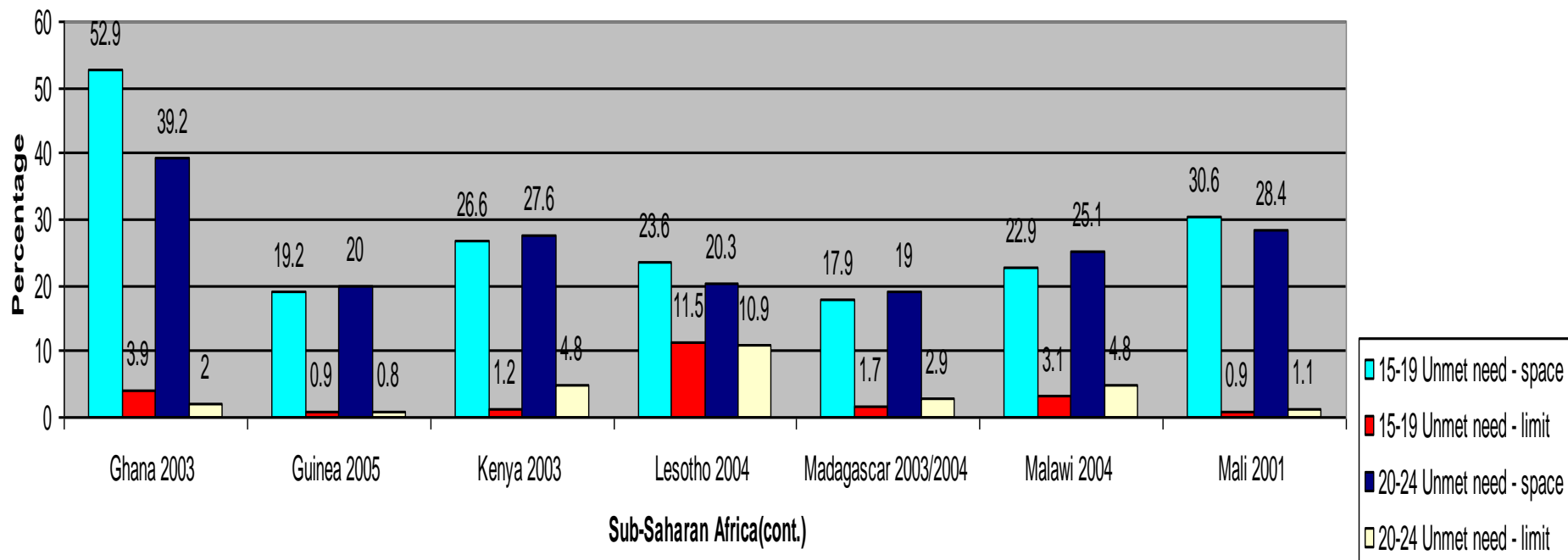
ADOLESCENT FERTILITY

Review Indicator # 15
in

GREEN FOLDER

Survey data **from** DHS for RH Indicator No. 16

Unmet need for family planning among young women aged 15 - 24 years



Access to & Utilisation of Condoms

Bolivia, DHS 2003	Knowledge of Condom source	Able to access Condoms	Use of condoms
Males 15-19	81%	68%	37%
Females 15-19	70%	40%	21%
Males 20-24	87%	82%	36%
Females 20-24	76%	53%	20%

Global Indicators

GENERALIZED HIV EPIDEMIC

- 1. INSTITUTIONALIZING YOUTH FRIENDLY SERVICES**
- 2. CONDOM USE BY YOUNG PEOPLE AT LAST HIGHER-RISK SEX**
- 3. HIV TESTING BEHAVIOUR AMONG YOUNG PEOPLE**

Global Indicators

CONCENTRATED HIV EPIDEMIC

2.CONDOM USE AMONG MARYP WHO HAD HIGHER-RISK SEX IN THE PRECEDING YEAR

2A-IDU 2B-MSM 2C-CSW

3. HIV TESTING BEHAVIOUR AMONG MARYP

3A-IDU 3B-MSM 3C-CSW

National Indicators

GENERALIZED HIV EPIDEMIC

4. CONDOM AVAILABILITY FOR YOUNG PEOPLE
5. KNOWLEDGE OF A FORMAL SOURCE OF CONDOMS AMONG YOUNG PEOPLE
6. ACCESSIBILITY OF HTC SERVICES BY YOUNG PEOPLE
7. ACCESSIBILITY OF CONDOMS TO YOUNG PEOPLE
8. USE OF SPECIFIED HEALTH SERVICES BY YOUNG PEOPLE
9. YOUTH SEEKING TREATMENT FOR SEXUALLY TRANSMITTED DISEASES

National Indicators

CONCENTRATED HIV EPIDEMIC

- 4. CONDOM AVAILABILITY FOR MARYP
[4A-IDU/4B-MSM/4C-CSW]**
- 6. ACCESSIBILITY OF HTC SERVICES BY MARYP
[6A-IDU/6B-MSM/6C-CSW]**
- 8. USE OF SPECIFIED HEALTH SERVICES BY MARYP
[8A-IDU/8B-MSM/8C-CSW]**
- 9. YOUTH SEEKING TREATMENT FOR SEXUALLY TRANSMITTED
DISEASES[9A-IDU/9B-MSM/9C-CSW]**
- 10. INTERVENTION SITES WITH MINIMUM PACKAGE OF HIV
PREVENTION SERVICES IN HOT SPOTS**
- 11. MARYP REACHED BY HIV PREVENTION SERVICES**
- 12. NO SHARING OF NEEDLES BY YOUNG IDU**

Guidance on Assessing Coverage of Health services for Young people

Guidance on Assessing Coverage of Health services for Reproductive Health and HIV prevention among young people

Based on Indicators agreed to, at the:

***'International Technical Consultation on Measuring
Coverage of Health Services for Young people',
CAH/WHO, April 2006, Geneva***

Steps taken

For Reporting on International Targets, have supported secondary and Primary data collection

Secondary data:

- **Fact Sheets compiled from globally available data**
- **Review undertaken for similar data from India from 3 Nationally representative surveys**

Primary data collection using MNCAH survey

- **Field tested questionnaire in Peru**
- **Survey undertaken in 3 districts of Tanzania**
- **Survey of MARYPs undertaken in Nicaragua**

Steps taken

For Reporting on International Targets, have supported secondary and Primary data collection

Secondary data:

- **Fact Sheets compiled from globally available data**
- **Review undertaken for similar data from India from 3 Nationally representative surveys**

Primary data collection in selected Geographical areas to link Coverage to Quality

- **Surveys undertaken in Honduras, India and Sri Lanka**

"Exercise"

The Minister of Health in your country wants to know if Young People are being adequately served by health services

You have been provided an example of a survey from Haryana State in India

You have 15 minutes to identify the COVERAGE data that will be available from the questions you have been provided that are marked with the following codes

- ? M1
- ? M2
- ? M3
- ? M4

Which one of these codes correspond with **Contact, Availability, Accessibility, Acceptability Coverage?**

- You have 5 minutes to present this to the WHO RHR/HIV team & the Minister of Health!

Thank you