



1.2 Health System Assessment

A HEALTH SERVICE AT NATIONAL LEVEL

Metric	Raw count	Rate
Outpatient facilities		/ 10,000 population
Inpatient beds		/ 10,000 population
Outpatient visits		/ 10,000 population per year
Facilities offering specific services		/ 10,000 population per year

Comments on distribution of facilities (e.g., urban vs. rural):

Metric	Number
General service readiness score	
Proportion of facilities offering specific services	
Specific-services readiness score for health facilities	

Suggested data sources:

- District and national databases of health facilities. Special efforts – notably facility censuses – are often required to obtain the number of private facilities, especially if no registration system is enforced.
- Routine health facility reporting system
- Population-based surveys
- Health facility assessments

B HEALTH WORKFORCE

Metric	Raw count	Rate
Health workers		/ 10,000 population
Health professions graduates*		/ 10,000 population
Number of cardiologists		/ 10,000 population
Number of internal medicine specialists		/ 10,000 population
Number of General Practitioners		/ 10,000 population
Number of nurses		/ 10,000 population
Number of health graduates		/ 10,000 population
Are there any paid community health care workers		
Are there any unpaid community health care workers		

Comments on distribution of health care workers (e.g., urban vs. rural, specialisation, gender):

Comments on differences in graduates by level and field of education:

Suggested data sources: Routine administrative records from individual training institutions. In some cases, data may be validated against registries of professional regulatory bodies where certification or licensure is required for practice.

C HEALTH INFORMATION

*Health information system performance index:

Suggested data source: Review of national health information systems.

* As defined by the WHO

D MEDICINES AND TECHNOLOGIES

Average availability of 14 selected (country-specific) essential medicines in public and private health facilities:

Suggested data source: existing literature. National (or sub-national) surveys of medicine price and availability are outside the scope of this tool. If no surveys exist, state so.

Median consumer price ratio of 14 selected essential medicines in:

Public health facilities:

Private health facilities:

Suggested data source: see above. If no data exist, state so.

Are there any focused surveys of BPG availability in this country?

If so, please list average availability, disaggregated if possible:

E HEALTH FINANCING

Metric	Number
Total expenditure on health	Gross:
	Per Capital:
General government expenditure on health as a proportion of general government expenditure	
Ratio of household out-of-pocket payments for health to total expenditure on health	

Suggested data sources:

- National Health Accounts
- Demographic and Health Survey
- Household expenditure and utilisation surveys

*What is the policy index for this country?

Suggested data sources: Review of national health policies in respective domains (such as essential medicines and pharmaceutical, NCDs, other chronic diseases, TB, malaria, HIV/AIDS, maternal health, child health/ immunisation).

* As defined by the WHO

Technologies	Availability within primary care (report either using categories below or % if applicable)		
	Largely unavailable (<25%)	Generally available (25-75%)	Largely available (>75%)
Thermometer			
Stethoscope			
Blood pressure measurement device			
Weighing machines			
Glucometer flow meter			
Peak flow meter			
Syringes and equipment for immunisations			

Nomenclature system

Is there a nomenclature system for medical devices?

Is this nationally developed?

Medical equipment: (density per million population):

Number of Computer Tomography (CT) devices per million inhabitants?

Number of echocardiogram machines per million inhabitants?

Where are Computer tomography devices located?

List of medical devices

Is there a national standard or recommended list of medical devices for different types of healthcare facilities or specific procedures?

Health technology policy

Is there a National Health technology policy in place?

Is this part of the National Health programme?

Is this an independent programme?

Procurement:

Is there a national list for approved medical devices for procurement or reimbursement?

Are these carried out on a national level?

Health information systems:

Health statistics (hospital admissions, etc.)

Surveillance system description

Regular surveys (at national and regional level)

Connectivity:

Are primary health care facilities provided with Internet connection?

Are secondary health care facilities provided with Internet connection?

Are tertiary health care facilities provided with Internet connection?

Is telemedicine available? At which levels and how are they linked?

Suggested data sources:

- WHO Global Health Observatory
- Essential Healthcare Technology Package
- Demographic and Health Survey