

## System/structure

### Governance

A comprehensive national health sector policy, strategy or plan with goals and targets that includes all three components of a PHC approach exists and has been updated (2016–2020)



Adoption of a Health-in-All-Policies approach and existing mechanism for multisectoral governmental coordination (2018–2022)



Inclusion of indicators on relevant social, economic, environmental and commercial determinants of health in national health policies, strategies and plans



### Finance

\$142

PHC expenditure per capita in US\$ (2015)

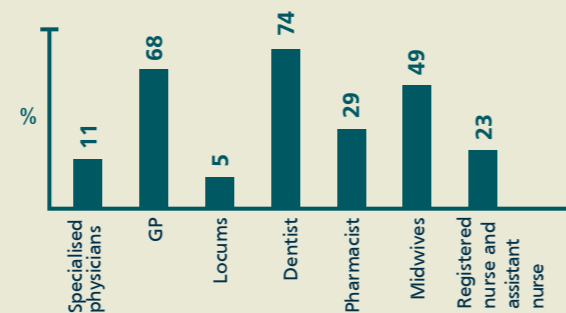
37%

Percentage of domestic general government health expenditure on PHC from total GGHE-D. (2015)

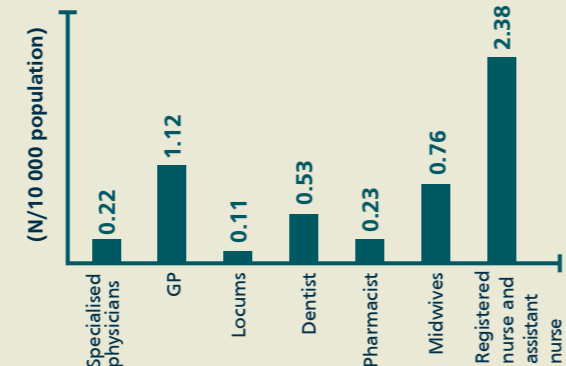
## Inputs

### Health workforce

Percentage of health workforce in PHC care by occupation (2018)



Density of PHC by occupation (2018)



### Health information systems

Presence and use of unique patient identifiers

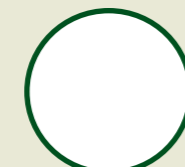


Use of patient health records follow a patient through their encounter with the health care system



### Infrastructure

Percentage of population that have to travel more than 5 km or 1 hour to arrive at PHC facility



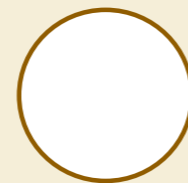
## Processes

### Model of care

Percentage of patients who are registered at PHC facilities



Percentage of cases referred to secondary care



Gatekeeper role for general practitioners/family physicians

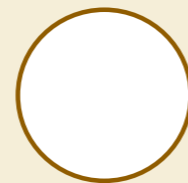


Formal process exists for referrals



### Quality processes

Percentage of facilities that monitor patient experience



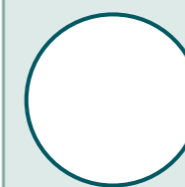
### Empowerment and engagement

Community/patient participation in facility management meetings

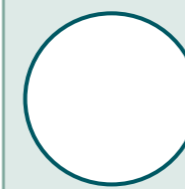


## Outcomes

### Effective coverage and quality of care



Percentage of hospital admissions for ambulatory care sensitive conditions



Average availability of 5 tracer reproductive, maternal, newborn and child health (RMNCH) services

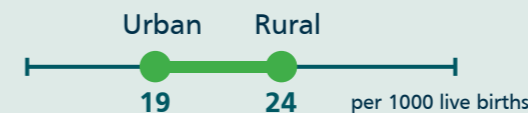
### Empowerment and engagement

Percentage population who believe decision-making is inclusive [SDG 16.7.2]



### Equity

Under-5 mortality by residence (DHS report 2017–2018)

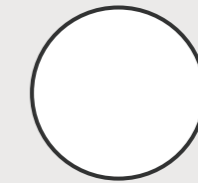


Percentage coverage of RMNCH services by mother's education (DHS report 2017–2018)



## Impact

### Financial protection



Percentage of population with impoverishing health expenditure

### Mortality

Maternal mortality ratio [3.1.1] (UN-MMEIG, 2017)

46 per 100 000

Premature noncommunicable diseases (NCD) mortality [3.4.1]

19% (World Health Statistics, 2019)

## Country context

GDP per capita (PPP current international \$)

\$ 10 317

(World Bank, 2019)

Population living in poverty (Under \$1.90 int'l dollars/day)

0.1%



(2018)





Life expectancy at birth

74 Years

(World Health Statistics, 2019)

#### REFERENCE KEY

 Yellow fill indicates a Vital Signs Profile indicator  
 Purple fill indicates an SDG indicator. The numbers included in brackets refer to an SDG indicator number. Standard reporting sources or accepted United Nations estimates should be used.

 Present  
 Absent  
 Not available or not reported  
 Not available or not reported

## INTEGRATED SERVICES/PRIMARY HEALTH CARE

### System/structure

#### Governance

Presence of UHC legislation inclusive of PHC	<input checked="" type="checkbox"/>
Equity mainstreamed in health policy	<input checked="" type="checkbox"/>
Existence of regulatory authorities for (health workforce, facilities, essential medicines and products) for both public and private sectors	<input checked="" type="checkbox"/>
Presence of quality improvement and assurance processes in the national health plan	<input checked="" type="checkbox"/>
Participatory governance structures	<input checked="" type="checkbox"/>

#### Finance

Government health spending as percentage of GDP	<input checked="" type="checkbox"/> 4%
PHC expenditure as percentage of current health expenditure	<input checked="" type="checkbox"/> 45%
Domestic general government expenditure on PHC as percentage of PHC spending	<input checked="" type="checkbox"/> 44%
Other sources of PHC expenditure (out of pocket, donor, etc.) as percentage of total PHC expenditure	<input checked="" type="checkbox"/> 56%

### Inputs

#### Health workforce

Percentage of primary care workforce specialized in family practice (by occupation)	<input checked="" type="checkbox"/> 4.1%
Proportion of health workforce in PHC who have received minimum continuous professional education according to national requirements in the last year	<input checked="" type="checkbox"/> N/A
Vacancy rate in PHC	<input checked="" type="checkbox"/> N/A

#### Health information systems

Percentage of births registered	<input checked="" type="checkbox"/> 100%
Percentage of deaths registered	<input checked="" type="checkbox"/> 85%
Explicit adoption of a set of PHC indicators for monitoring and evaluation	<input checked="" type="checkbox"/>
Inclusion of section on PHC performance in annual health sector reporting	<input checked="" type="checkbox"/>
Percentage of public sector PHC that reports performance data	<input checked="" type="checkbox"/> N/A
Presence of a comprehensive individual patient record	<input checked="" type="checkbox"/>
Presence of a comprehensive family record	<input checked="" type="checkbox"/>
Is there a functioning electronic health information system (eHIS) in the country?	<input checked="" type="checkbox"/>
Percentage of PHC facilities using an eHIS	<input checked="" type="checkbox"/> N/A

#### Infrastructure

Percentage of PHC facilities with adequate:			
	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A
	water	sanitation	hand hygiene
Percentage of PHC facilities with rooms with auditory and visual privacy for patient consultations	<input checked="" type="checkbox"/> N/A		
Percentage of PHC facilities with communication equipment	<input checked="" type="checkbox"/> N/A		

Percentage of PHC facilities with access to computer with email/internet access	<input checked="" type="checkbox"/> N/A
Percentage of PHC facilities with standard precautions for infection prevention	<input checked="" type="checkbox"/> 100%
Percentage of PHC facilities with all infection control items	<input checked="" type="checkbox"/> N/A

#### Medicines

Percentage of PHC facilities with correlated package of services	<input checked="" type="checkbox"/> 100%
Proportion of facilities in which essential medicines are available (no stock outs in one year)	<input checked="" type="checkbox"/> 100%

#### Supplies

Percentage of PHC facilities with standard priority diagnostics and equipment available	<input checked="" type="checkbox"/> N/A
---	---

### Processes

#### Model of care

Annual outpatient department utilization rates per capita	<input checked="" type="checkbox"/> 30%
Percentage of PHC facilities that can provide mental health services	<input checked="" type="checkbox"/> 1.2%
Number of consultations per health worker (physician, nurse, etc.) per day	
	24.2 Physicians      7.8 Nurses

#### Management/quality improvement

Evidence-based national guidelines/protocols/standards exist for the management of all priority causes of morbidity and mortality	<input checked="" type="checkbox"/>
Professionalized management at PHC level	<input checked="" type="checkbox"/>
Proportion of facilities with up-to-date performance reports in the last 6 months to 1 year	<input checked="" type="checkbox"/> N/A
Percentage of PHC facilities with systems to support quality improvement	<input checked="" type="checkbox"/> N/A

### Outcomes

#### Effective coverage/quality of care

Percentage of adverse events reported (immunization/medication)				
	<input checked="" type="checkbox"/> 14.1%	<input checked="" type="checkbox"/> 37.6%	<input checked="" type="checkbox"/> 10.3%	<input checked="" type="checkbox"/> 6.6%
	Immunomodulators	Antineoplastic	Antibiotic	Analgesic
Percentage of PHC prescriptions that include antibiotics in out patient clinics	<input checked="" type="checkbox"/> N/A			
Percentage of PHC prescriptions that include injectable medicines	<input checked="" type="checkbox"/> N/A			

Percentage of registered hypertension patients with blood pressure <90/140 at last 2 follow up visits	<input checked="" type="checkbox"/> 49.4%
Percentage of registered diabetic patients with fasting blood sugar controlled at last 2 follow up visits/A1C <7%	<input checked="" type="checkbox"/> 30.6%
Percentage of registered NCD patients with 10 years cardiovascular risk recorded in the previous year	<input checked="" type="checkbox"/> N/A
Percentage of women who delivered and received at least once postnatal care visit within the first 40 days	<input checked="" type="checkbox"/> 83%
Percentage of substance users, including tobacco users, in receipt of brief intervention	<input checked="" type="checkbox"/> N/A
Percentage of children under 5 that had weight and height measured in the previous year	<input checked="" type="checkbox"/> N/A

Children under 5 who are stunted, wasted, overweight, obese

	7.7%	2.4%	4.4%	<input checked="" type="checkbox"/> N/A
	Stunted	Wasted	Overweight	Obese

Children under 5 with diarrhoea receiving ORS	<input checked="" type="checkbox"/> 40%
Exclusive breastfeeding 0-5months (%)	<input checked="" type="checkbox"/> 26%
Cervical cancer screening rates	<input checked="" type="checkbox"/> 65%
Measles-containing-vaccine second-dose immunization coverage	<input checked="" type="checkbox"/> 92%
Diphtheria-tetanus-pertussis (DTP3) immunization coverage	<input checked="" type="checkbox"/> 90%
Average availability of services for 3 tracer communicable diseases (STI, TB, HIV)	<input checked="" type="checkbox"/> N/A
Average availability of diagnosis and management of 3 tracer NCDs (diabetes, chronic respiratory disease, cardiovascular disease)	<input checked="" type="checkbox"/> N/A
Care seeking for suspected child pneumonia	<input checked="" type="checkbox"/> 72%

#### Equity

DTP3 immunization coverage	<input checked="" type="checkbox"/> 90%
Perceived access barriers due to treatment costs	<input checked="" type="checkbox"/> 22%
Perceived access barriers due to distance	<input checked="" type="checkbox"/> 22%

Percentage of households with adequate WASH: [6.2.1/6.1.1]

	99%	98%	<input checked="" type="checkbox"/> N/A
	Water	Sanitation	Hygiene

Percentage of households cooking with clean fuel [7.1.2]	<input checked="" type="checkbox"/> >95%
Percentage of children under 5 years of age who are developmentally on track [4.2.1]	<input checked="" type="checkbox"/> 70.7%
Malaria incidence [3.3.3]	<input checked="" type="checkbox"/> 41 cases
Physical inactivity in adults	<input checked="" type="checkbox"/> 11%
Proportion of population subjected to physical, psychological or sexual violence in the previous 12 months [16.1.3]	<input checked="" type="checkbox"/> 20.4%
Use of insecticide-treated bed nets for malaria prevention	<input checked="" type="checkbox"/>

## Impact

### Health status

Adult mortality rate 15–60 years	111 per 1000
Adolescent mortality rate	41.7 per 100 000
Under-5 mortality rate	19 per 1000 live births
Infant mortality rate	17 per 1000 live births
Neonatal mortality rate	10 per 1000 live births
Total fertility rate	2.7 children per woman
Met need for family planning [3.7.1]	14%
DPT3 dropout rate	3%
TB treatment success	71%
Antenatal care quality score based on WHO guidelines	N/A
Antenatal care coverage (4+ visits)	83%
Family planning quality score based on WHO guidelines	N/A
Demand for family planning satisfied with modern methods	62%
Sick child quality score based on IMCI guidelines	N/A
People living with HIV receiving anti-retroviral treatment	84%
Prevalence of raised blood pressure (age-standardized estimate)	16%

### Mortality by cause

Household and ambient air pollution [3.9.1]	26 per 10 000
Road traffic injuries [3.6.1]	12.7 per 100 000
Homicide [16.1.1]	1 per 100 000
Suicide rate [3.4.2]	2.9 per 100 000
Causes of death	
NCDs	78%
Communicable diseases	11%
Injuries	11%

### Efficiency

Proportion of caregivers who were given sick child diagnosis	N/A
Proportion of family planning, antenatal care, and sick child visits over 10 minutes	N/A
Provider absence rate	N/A
Adherence to clinical guidelines	N/A
Diagnostic accuracy	<input checked="" type="checkbox"/>
Adequate waste disposal	<input type="checkbox"/>

### Risk factor/chronic disease prevalence

Obesity prevalence	63%
Diabetes mellitus prevalence	7%
Hypertension prevalence	21%
Tobacco use [3.A.1]	38.4%

### Resilience

International Health Regulations core capacity index/joint external evaluation	48 (index score) 56 (JEE score)
Disaster-related death rate [1.5.1]	N/A

## Alternative indicators

Alternative indicators are national indicators which are not exactly the same as a PHCMI indicator but provide similar data. In the case that an alternative indicator is provided and accepted, it will be displayed here.

“

Countries around the world agreed to the Declaration of Astana in 2018, vowing to strengthen their primary health care systems as an essential step toward achieving universal health coverage.

The Declaration of Astana reaffirms the historic 1978 Declaration of Alma-Ata, the first time world leaders committed to primary health care.

Thus, a well-organized and prepared health system has the capacity to maintain equitable access to high-quality essential health services throughout an emergency, limiting direct mortality and avoiding indirect mortality.

”

The data presented here are either reported by countries, come from United Nations estimates, or are directly collected from publicly available sources such as demographic and household survey reports.

Jointly developed by:  
Department of UHC/Health Systems and Department of Science, Information and Dissemination

© World Health Organization [2020]

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>).

All data are country reported unless otherwise indicated

WHO-EM/PHC/178/E