

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 (National health Plan 2016-2025, Primary health care plan 2018-2025)



Adoption of a Health-in-All-Policies approach and existing mechanism for multisectoral governmental coordination (Implementation plan for the PHC, 2018)



Inclusion of indicators on relevant social, economic, environmental and commercial determinants of health in national health policies, strategies and plans (Primary Health care, 2018)



Finance

295\$

PHC expenditure per capita in US\$ (Ministry of Health, 2016)

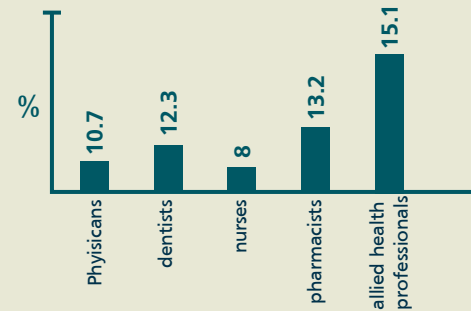
22%

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

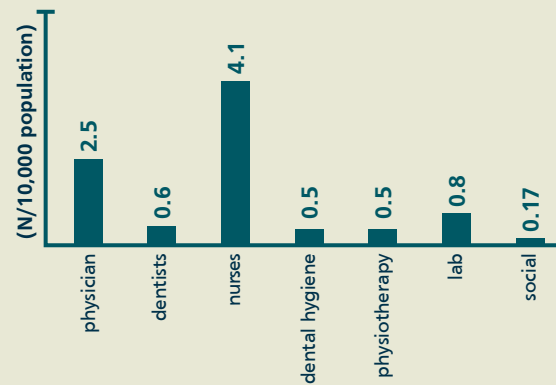
Inputs

Health workforce

% health workforce in primary care by occupation (Annual PHC report 2019 & NHRA 2019)



Density of PHC by occupation (PHC Annual report, 2018 & MOH health statistics)



Health information systems

Presence and use of unique patient identifiers (Information and eGovernment Authority, 2019)



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 (Health Summary Statistics, 2017)

0%

Processes

Model of care

Percentage of patients who are registered at PHC facilities (Planning and Information Department/ MOH, 2018)

54.3%

6.27% Percentage of cases referred to secondary care (PHC annual 2018 report)

Gatekeeper role for general practitioners/family physicians (Planning and Information Department)



Formal process exists for referrals (DPP Referral from Primary to Secondary Health Care)



Quality processes

100% Percentage of facilities that monitor patient experience (PHC Annual report, 2018)

Empowerment and engagement

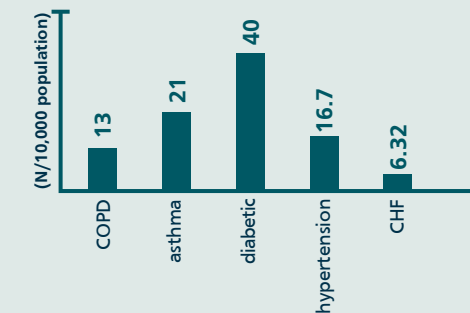
Community/patient participation in facility management meetings (The National Suggestion & Complaint system "Tawasul")



Outcomes

Effective coverage and quality of care

Percentage of hospital admissions for ambulatory care sensitive conditions (main Secondary care referral for PHC, 2017)



100% Average availability of 5 tracer reproductive, maternal, newborn and child health (RMNCH) services (Mother and child care unit in Primary health care)

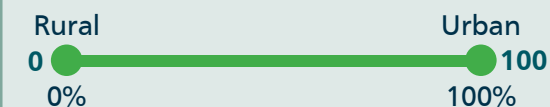
Empowerment and engagement

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

%

Equity

Under-5 mortality by residence (EMRO core indicator, 2020)



Percentage coverage of RMNCH services by mother's education (Public health report, 2018)



Impact

Financial protection

4.8% Percentage of population with impoverishing health Expenditure (SDG 2019)

Mortality

Maternal mortality ratio [3.1.1] (EMRO core-indicator, 2020)

20 per 100 000

Premature noncommunicable diseases (NCD) mortality [3.4.1] (EMRO core indicators, 2020)

11.3% (2016)

Country context

GDP per capita (PPP current international \$)
\$ 47 002.5
(World Bank, 2019)

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

0%
(Ministry of Labour & Social Development)

Life expectancy at birth
77.2 Years
(EMRO core-indicator, 2020)

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 type="checkbox"/> 2%
PHC expenditure as percentage of current health expenditure	<input type="checkbox"/> 22%
Domestic general government expenditure on PHC as percentage of PHC spending	<input type="checkbox"/> 49%
Other sources of PHC expenditure (out of pocket, donor, etc.) as percentage of total PHC expenditure	<input type="checkbox"/> 51%

Inputs

Health workforce

Percentage of primary care workforce specialized in family practice (by occupation)	72% Physicians	21% Nurses
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"/> 100%	
Vacancy rate in PHC	<input type="checkbox"/> 13.4%	

Health information systems

Percentage of births registered	<input checked="" type="checkbox"/> 100%
Percentage of deaths registered	<input checked="" type="checkbox"/> 100%
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"/> 100%
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"/> 100%

Infrastructure

Percentage of PHC facilities with adequate WASH	<input checked="" type="checkbox"/> 100%
Percentage of PHC facilities with rooms with auditory and visual privacy for patient consultations	<input checked="" type="checkbox"/> 100%
Percentage of PHC facilities with communication equipment	<input checked="" type="checkbox"/> 100%

Percentage of PHC facilities with access to computer with email/internet access	<input checked="" type="checkbox"/> 100%
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"/> 100%

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"/> 100%
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Processes

Model of care

Annual outpatient department utilization rates per capita	<input type="checkbox"/> 4.9%			
Percentage of PHC facilities that can provide mental health services	<input type="checkbox"/> 16%			
Number of consultations per health worker (physician, nurse, etc.) per day ¹	30.5% Physicians	9% Dentists	11% Physiotherapists	64% 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"/> 100%
Professionalized management at PHC level	<input type="checkbox"/> 8%
Proportion of facilities with up-to-date performance reports in the last 6 months to 1 year	<input checked="" type="checkbox"/> 100%
Percentage of PHC facilities with systems to support quality improvement	<input checked="" type="checkbox"/> 92%

Outcomes

Effective coverage/quality of care

Percentage of adverse events reported (immunization/medication)	143 AEFI	169 Medications
Percentage of PHC prescriptions that include antibiotics in out patient clinics	<input type="checkbox"/> 6%	
Percentage of PHC prescriptions that include injectable medicines	<input type="checkbox"/> 4%	

Percentage of registered hypertension patients with blood pressure <90/140 at last 2 follow up visits	<input type="checkbox"/> 29.2%
Percentage of registered diabetic patients with fasting blood sugar controlled at last 2 follow up visits/A1C <7%	<input type="checkbox"/> 39.3%
Percentage of registered NCD patients with 10 years cardiovascular risk recorded in the previous year	<input type="checkbox"/> 62.5%
Percentage of women who delivered and received at least once postnatal care visit within the first 40 days ¹	<input type="checkbox"/> 19.2% within 6 weeks to 6 months
Percentage of substance users, including tobacco users, in receipt of brief intervention	<input type="checkbox"/> 42%
Percentage of children under 5 that had weight and height measured in the previous year	<input checked="" type="checkbox"/> 100%

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

4.4%	2.6%	4.9%	1.3%
Stunted	Wasted	Overweight	obese

Children under 5 with diarrhoea receiving ORS	<input type="checkbox"/> 56%
Exclusive breastfeeding 0-5months (%)	<input type="checkbox"/> 12.6%
Cervical cancer screening rates ^{II}	<input type="checkbox"/> 4.8%
Measles-containing-vaccine second-dose immunization coverage	<input checked="" type="checkbox"/> 99.5%
Diphtheria-tetanus-pertussis (DTP3) immunization coverage	<input checked="" type="checkbox"/> 100%
Average availability of services for 3 tracer communicable diseases (STI, TB, HIV)	<input checked="" type="checkbox"/> 100%
Average availability of diagnosis and management of 3 tracer NCDs (diabetes, chronic respiratory disease, cardiovascular disease)	<input type="checkbox"/> 100%
Care seeking for suspected child pneumonia	<input type="checkbox"/> N/A

Equity

DTP3 immunization coverage	<input type="checkbox"/> 100%	
Perceived access barriers due to treatment costs ²	<input type="checkbox"/> 0%	
Perceived access barriers due to distance	<input type="checkbox"/> 0%	
Percentage of households with adequate WASH: [6.2.1/6.1.1]	<input checked="" type="checkbox"/> 100%	
Percentage of households cooking with clean fuel [7.1.2]	<input checked="" type="checkbox"/> 100%	
Percentage of children under 5 years of age who are developmentally on track [4.2.1]	<input checked="" type="checkbox"/> 95.5%	
Malaria incidence [3.3.3]	<input checked="" type="checkbox"/> N/A	
Physical inactivity in adults	50.9% Bahraini	51.9% Non-Bahraini
Proportion of population subjected to physical, psychological or sexual violence in the previous 12 months [16.1.3]	<input type="checkbox"/> 0.03%	
Use of insecticide-treated bed nets for malaria prevention	<input type="checkbox"/> N/A	

Impact

Health status

Adult mortality rate 15–60 years	N/A
Adolescent mortality rate	29.7 per 100 000
Under-5 mortality rate	8 per 1000 live births
Infant mortality rate	7 per 1000 live births
Neonatal mortality rate	4 per 1000 live births
Total fertility rate	1.8 children per woman
Met need for family planning [3.7.1]	58.5%
DPT3 dropout rate	0%
TB treatment success	68%
Antenatal care quality score based on WHO guidelines	N/A
Antenatal care coverage (4+ visits)	99.1%
Family planning quality score based on WHO guidelines	N/A
Demand for family planning satisfied with modern methods	58.5%
Sick child quality score based on IMCI guidelines	N/A
People living with HIV receiving anti-retroviral treatment	74%
Prevalence of raised blood pressure (age-standardized estimate)	33.6%

Mortality by cause

Household and ambient air pollution [3.9.1]	39 per 10 000
Road traffic injuries [3.6.1]	4.8 per 10 000
Homicide [16.1.1]	0.27 per 10 000
Suicide rate [3.4.2]	4.26 per 100 000

Causes of death

80.9%	7.5%	9.1%	2.5%
NCDs	Communicable diseases	Injuries	Others

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 ^{III}	100%
Provider absence rate	3.4%
Adherence to clinical guidelines ^{III}	48%
Diagnostic accuracy	
Adequate waste disposal	94%

Risk factor/chronic disease prevalence

Obesity prevalence	36.9%
Diabetes mellitus prevalence	15%
Hypertension prevalence	33.6%
Tobacco use [3.A.1] ³	
	22.3% Bahraini
	12.2% Non-Bahraini

Resilience

International Health Regulations core capacity index/joint external evaluation	88/79
Disaster-related death rate [1.5.1]	N/A

Alternative indicators

- I Percentage of women who delivered and received at least once postnatal care within 6 weeks to 6 months.
- II Proportion of women (Bahraini & non Bahraini married to Bahraini), aged 30–64 years who were screened for cervical cancer using Pap smear as screening test.
- III Percentage of scheduled every 15 minutes visits of women attending family planning, women screening and antenatal care and children screening clinic.
- III Adherence to clinical guidelines in the clinical examination of 5 year children before entering school.

Notes

- 1 Majority of physicians in primary health care are females. Females in the Bahraini's law get a paid two-months maternity leave, in addition to two hours per day for two years for child care. That affects manpowers, and puts burden on the system.
- 2 For Bahraini only.
- 3 18+ years.

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



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.



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All data are country reported unless otherwise indicated