# Qatar



*	Population (000s)	2,169	Life expectancy at birth (years)	79
₹¥	GNI per capita (PPP Int \$)	123,860	Total health expenditure (% GDP)	2.2
unti nte)	Physician density (per 10 000 population)	7.74	ICT Development Index rank	31
	Nurse & midwife density (per 10 000 population)	11.87	Mobile-cellular subscriptions (% population)	126.86
00	Hospital bed density (per 10 000 population)	12	Internet users (% population)	88.1

## 1. eHealth foundations

National policies or strategies			
	Country response	Global "yes" response§	Year adopted
National universal health coverage policy or strategy	Yes	75%	2011
National eHealth policy or strategy	Yes	58%	2015
National health information system (HIS) policy or strategy	No	66%	N/A
National telehealth policy or strategy	No	22%	N/A
Funding sources for eHealth			
	Country response	Global "yes" response§	Funding source %**
Public funding	Yes	77%	>75%
Private or commercial funding	_	40%	Zero
Donor/non-public funding	_	63%	Zero
Public-private partnerships	Yes	42%	<25%
Multilingualism in eHealth			
	Country response	Global "yes" response§	Year adopted
Policy or strategy on multilingualism	_	28%	N/A
Government-supported Internet sites in multiple languages	Yes	48%	
eHealth capacity building			
	Country response	Global "yes" response§	Proportion**
Health sciences students – Pre-service training in eHealth	<u> </u>	74%	N/A
Health professionals – In-service training in eHealth	Yes	77%	25-50%

## 2. Legal frameworks for eHealth

Policy or legislation – purpose	Country response	Global "yes" response§
Defines <b>medical jurisdiction</b> , <b>liability or reimbursement of eHealth services</b> such as telehealth	No	31%
Addresses <b>patient safety and quality of care</b> based on data quality, data transmission standards or clinical competency criteria	Yes	46%
Protects the <b>privacy of personally identifiable data</b> of individuals irrespective of whether it is in <b>paper or digital format</b>	No	78%
Protects the <b>privacy of individuals' health-related data</b> held in electronic format in an <b>EHR</b>	No	54%
Governs the <b>sharing of digital data between health professionals in other health services</b> in the same country through the use of an EHR	No	34%
Governs the <b>sharing of digital data between health professionals in health services</b> in other countries through the use of an <b>EHR</b>	No	22%
Governs the sharing of personal and health data between research entities	No	39%
Allows individuals electronic access to their own health-related data when held in an EHR	No	29%
Allows <b>individuals to demand their own health-related data be corrected</b> when held in an <b>EHR</b> if it is known to be inaccurate	No	32%
Allows individuals to demand the deletion of health-related data from their EHR	No	18%
Allows individuals to specify which health-related data from their EHR can be shared with health professionals of their choice	_	28%
Governs civil registration and vital statistics	Yes	76%
Governs national identification management systems	Yes	65%



## 3. Telehealth

Telehealth programmes country overview			
	Health system level**	Programme type**	
Teleradiology	‡	‡	
Teledermatology	‡	‡	
Telepathology	‡	‡	
Telepsychiatry	‡	‡	
Remote patient monitoring	‡	‡	

## 4. Electronic Health Records (EHRs)

EHR country overview				
	Country response	Year introduced		
National EHR system	No	N/A		
Legislation governing the use of the national EHR system	‡			
Health facilities with EHR	Use EHR	Facilities with EHR %**		
Primary care facilities (e.g. clinics and health care centres)	N/A	‡		
Secondary care facilities (e.g. hospitals, emergency care)	N/A	‡		
Tertiary care facilities (e.g. specialized care, referral from primary/secondary care)	N/A	‡		
Other electronic systems	Country response	Global "yes" response§		
Laboratory information systems	N/A	35%		
Pathology information systems	N/A	18%		
Pharmacy information systems	N/A	33%		
PACS	N/A	26%		
Automatic vaccination alerting system	N/A	10%		
ICT-assisted functions	Country response	Global "yes" response§		
Electronic medical billing systems	Yes	58%		
Licentific friedical billing systems	103	00/0		
Supply chain management information systems	Yes	58%		

## 5. Use of eLearning in health sciences

eLearning programmes country overview			
Health sciences students – Pre-service	Country response	Global "yes" response§	
Medicine	Yes	58%	
Dentistry	Yes	39%	
Public health	Yes	50%	
Nursing & midwifery	Yes	47%	
Pharmacy	Yes	38%	
Biomedical/Life sciences	Yes	42%	
Health professionals – In-service	Country response	Global "yes" response§	
Medicine	Yes	58%	
Dentistry	Yes	30%	
Public health	Yes	47%	
Nursing & midwifery	Yes	46%	
Pharmacy	Yes	31%	
Biomedical/Life sciences	Yes	34%	



#### 6. mHealth

mHealth programmes country overview			
Accessing/providing health services	Health system level**	Programme type**	
Toll-free emergency	National	Established	
Health call centres	National	Established	
Appointment reminders	National	Pilot	
Mobile telehealth	‡	‡	
Management of disasters and emergencies	‡	‡	
Treatment adherence	Intermediate	Pilot	
Accessing/providing health information	Health system level**	Programme type**	
Community mobilization	National	Established	
Access to information, databases and tools	‡	‡	
Patient records	‡	‡	
mLearning	‡	‡	
Decision support systems	‡	‡	
Collecting health information	Health system level**	Programme type**	
Patient monitoring	‡	‡	
Health surveys	Local	Informal	
Tiedii i sorveys	LOCGI	inionnai	

### 7. Social media

Social media and health	Country response	Global "yes" response§	Year adopted
National policy or strategy on the use of social media by government organizations	_	18%	N/A
Policy or strategy makes specific reference to its use in the health domain	‡	5%	
Health care organizations – use of social media		Country response	Global "yes" response§
Promote health messages as a part of health promotion car	Promote health messages as a part of health promotion campaigns		78%
Help manage patient appointments		No	24%
Seek feedback on services	eek feedback on services		56%
take general health announcements		Yes	72%
Make emergency announcements	ake emergency announcements		59%
Individuals and communities – use of social media		Country response	Global "yes" response§
Learn about health issues	earn about health issues		79%
Help decide what health services to use		Yes	56%
Provide feedback to health facilities or health professionals		_	62%
Run community-based health campaigns		_	62%
Participate in community-based health forums		_	59%

## 8. Big data

Policy or strategy – purpose	Country response	Global "yes" response§	Year adopted
Governing the use of big data in the health sector	No	17%	N/A
Governing the use of big data by private companies	No	8%	N/A

Regional level:

National level:

Informal:

#### **LEGEND**

\* Country context indicators

ICT Development Index Rank. 2015 - https://www.itu.int/net4/ITU-D/idi/2015/ All other country indicators. Global Health Observatory. 2012-2014 http://www.who.int/gho

Glossary

Indicates the percentage of participating Member States responding "Yes"

N/A Not applicable

Indicates question was unanswered

Question not asked Zero No funding

Don't know

processes and policies Pilot: Testing and evaluating a programme

and health centres

International level: Health entities in different geographic regions

public, but also private)

Established: An ongoing programme that has been conducted for a minimum of 2 years and is planned to continue

Intermediate level: District or provincial facilities: public and private hospitals

Local or peripheral level: Health posts, health centres providing basic level of care

Health entities in countries in the same geographic region

Referral hospitals, laboratories and health institutes (mainly

Use of ICT for health purposes in the absence of formal