# Democratic People's Republic of Korea



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Population (000s)	24,895	Life expectancy at birth (years)	70
GNI per capita (PPP Int \$)	_	Total health expenditure (% GDP)	_
Physician density (per 10 000 population)	3.29	ICT Development Index rank	1
Nurse & midwife density (per 10 000 population)	4.12	Mobile-cellular subscriptions (% population)	6.87
Hospital bed density (per 10 000 population)	132	Internet users (% population)	_

### 1. eHealth foundations

National policies or strategies			
	Country response	Global "yes" response§	Year adopted
National universal health coverage policy or strategy	Yes	75%	1952
National eHealth policy or strategy	Yes	58%	2014
National health information system (HIS) policy or strategy	Yes	66%	2008
National telehealth policy or strategy	Yes	22%	2008
Funding sources for eHealth			
	Country response	Global "yes" response§	Funding source %**
Public funding	Yes	77%	‡
Private or commercial funding	No	40%	Zero
Donor/non-public funding	Yes	63%	<25%
Public-private partnerships	No	42%	‡
Multilingualism in eHealth			
	Country response	Global "yes" response§	Year adopted
Policy or strategy on multilingualism	Yes	28%	‡
Government-supported Internet sites in multiple languages	‡	48%	
eHealth capacity building			
	Country response	Global "yes" response§	Proportion**
Health sciences students – Pre-service training in eHealth	Yes	74%	N/A
Health professionals – In-service training in eHealth	Yes	77%	N/A

### 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>	Yes	78%
Protects the <b>privacy of individuals' health-related data</b> held in electronic format in an <b>EHR</b>	Yes	54%
Governs the sharing of digital data between health professionals in other health services 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>	‡	22%
Governs the sharing of personal and health data between research entities	_	39%
Allows <b>individuals electronic access to their own health-related data</b> when held in an <b>EHR</b>	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	‡	32%
Allows individuals to demand the deletion of health-related data from their EHR	‡	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	‡	65%



### 3. Telehealth

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

### 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	No	58%
Supply chain management information systems	_	58%
Human resources for health information systems	Yes	69%

## 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	No	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	No	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	‡	‡
Health call centres	‡	‡
Appointment reminders	‡	‡
Mobile telehealth	‡	‡
Management of disasters and emergencies	‡	‡
Treatment adherence	‡	‡
Accessing/providing health information	Health system level**	Programme type**
Community mobilization	‡	‡
Access to information, databases and tools	‡	‡
Patient records	‡	‡
mLearning	‡	‡
Decision support systems	‡	‡
Collecting health information	Health system level**	Programme type**
Patient monitoring	‡	‡
Health surveys	‡	‡
Disease surveillance	‡	‡

### 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	Yes	18%	‡
Policy or strategy makes specific reference to its use in the health domain	Yes	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		Yes	24%
Seek feedback on services		Yes	56%
Make general health announcements		Yes	72%
Make emergency announcements		Yes	59%
Individuals and communities – use of social media		Country response	Global "yes" response§
Learn about health issues		Yes	79%
Help decide what health services to use		Yes	56%
Provide feedback to health facilities or health professionals		Yes	62%
Run community-based health campaigns		Yes	62%
Participate in community-based health forums		Yes	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	Yes	17%	‡
Governing the use of big data by private companies	‡	8%	‡

#### **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

Regional level:

National level:

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

International level: Health entities in different geographic regions

public, but also private)

Local or peripheral level: Health posts, health centres providing basic level of care Informal: Use of ICT for health purposes in the absence of formal processes and policies

Pilot: Testing and evaluating a programme

Established: An ongoing programme that has been conducted for a

minimum of 2 years and is planned to continue

Health entities in countries in the same geographic region

Referral hospitals, laboratories and health institutes (mainly