Czech Republic



	*_
Ę	e,
בֿב	ŧ
ပိ	ပ

			•
Population (000s)	10,702	Life expectancy at birth (years)	78
GNI per capita (PPP Int \$)	25,530	Total health expenditure (% GDP)	7.2
Physician density (per 10 000 population)	3.51	ICT Development Index rank	34
Nurse & midwife density (per 10 000 population)	_	Mobile-cellular subscriptions (% population)	126.85
Hospital bed density (per 10 000 population)	71	Internet users (% population)	75

1. eHealth foundations

National policies or strategies				
	Country response	Global "yes" response§	Year adopted	
National universal health coverage policy or strategy	Yes	75%	2013	
National eHealth policy or strategy	No	58%	N/A	
National health information system (HIS) policy or strategy	Yes	66%	2002	
National telehealth policy or strategy	No	22%	N/A	
Funding sources for eHealth				
	Country response	Global "yes" response§	Funding source %**	
Public funding	Yes	77%	<25%	
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	N/A	28%	N/A	
Government-supported Internet sites in multiple languages	N/A	48%		
eHealth capacity building				
	Country response	Global "yes" response§	Proportion**	
Health sciences students – Pre-service training in eHealth	Yes	74%	25-50%	
Health professionals – In-service training in eHealth	<u> </u>	77%	N/A	

2. Legal frameworks for eHealth

Policy or legislation – purpose	Country response	Global "yes" response§
Defines medical jurisdiction , liability or reimbursement of eHealth services such as telehealth	No	31%
Addresses patient safety and quality of care based on data quality, data transmission standards or clinical competency criteria	No	46%
Protects the privacy of personally identifiable data of individuals irrespective of whether it is in paper or digital format	Yes	78%
Protects the privacy of individuals' health-related data held in electronic format in an EHR	No	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 sharing of digital data between health professionals in health services in other countries through the use of an EHR	No	22%
Governs the sharing of personal and health data between research entities	Yes	39%
Allows individuals electronic access to their own health-related data when held in an EHR	No	29%
Allows individuals to demand their own health-related data be corrected when held in an EHR 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	No	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	Local	Established	
Teledermatology	‡	‡	
Telepathology	Local	Pilot	
Telepsychiatry	Local	Established	
Remote patient monitoring	Local	Pilot	

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%
		F0@
Supply chain management information systems	<u> </u>	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	No	30%
Public health	No	47%
Nursing & midwifery	Yes	46%
Pharmacy	No	31%
Biomedical/Life sciences	No	34%

6. mHealth



mHealth programmes country overview		
Accessing/providing health services	Health system level**	Programme type**
Toll-free emergency	National	Informal
Health call centres	Local	Pilot
Appointment reminders	Local	Pilot
Mobile telehealth	Local	Pilot
Management of disasters and emergencies	Intermediate	Established
Treatment adherence	Local	Pilot
Accessing/providing health information	Health system level**	Programme type**
Community mobilization	Local	Pilot
Access to information, databases and tools	Intermediate	Established
Patient records	Local	Pilot
mLearning	Local	Established
Decision support systems	‡	‡
Collecting health information	Health system level**	Programme type**
Patient monitoring	Local	Pilot
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	No	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 can	mpaigns	_	78%
Help manage patient appointments		No	24%
Seek feedback on services		No	56%
Make general health announcements		No	72%
Make emergency announcements		No	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		_	56%
Provide feedback to health facilities or health professionals		Yes	62%
Run community-based health campaigns		_	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	No	17%	N/A
Governing the use of big data by private companies	No	8%	N/A

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

International level: Health entities in different geographic regions

Regional level: Health entities in countries in the same geographic region National level: Referral hospitals, laboratories and health institutes (mainly

public, but also private) Intermediate level: District or provincial facilities: public and private hospitals

and health centres

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