Colombia

Country context*		
Population (000s)	48,321	
GNI per capita (PPP Int $)	11,890	
Physician density (per 10 000 population)	1.47	
Nurse & midwife density (per 10 000 population)	0.62	
Hospital bed density (per 10 000 population)	10	

Life expectancy at birth (years)	78
Total health expenditure (% GDP)	6.8
ICT Development Index rank	77
Mobile-cellular subscriptions (% population)	102.85
Internet users (% population)	49

1. eHealth foundations

National policies or strategies

	Country response	Global "yes" response§	Year adopted
National universal health coverage policy or strategy	‡	75%	‡
National eHealth policy or strategy	‡	58%	‡
National health information system (HIS) policy or strategy	‡	66%	‡
National telehealth policy or strategy	Yes	22%	2010

Funding sources for eHealth

	Country response	Global "yes" response§	Funding source %**
Public funding	‡	77%	‡
Private or commercial funding	‡	40%	‡
Donor/non-public funding	‡	63%	‡
Public-private partnerships	‡	42%	‡

Multilingualism in eHealth

	Country response	Global "yes" response§	Year adopted
Policy or strategy on multilingualism	‡	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	‡	74%	‡
Health professionals – In-service training in eHealth	‡	77%	‡

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	Yes	31%
Addresses **patient safety and quality of care** based on data quality, data transmission standards or clinical competency criteria	Yes	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**	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	Yes	34%
Governs the **sharing of digital data between health professionals in health services** in other countries through the use of an **EHR**	Yes	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**	Yes	29%
Allows **individuals to demand their own health-related data be corrected** when held in an **EHR** if it is known to be inaccurate	Yes	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	Yes	28%
Governs **civil registration and vital statistics**	Yes	76%
Governs **national identification management systems**	Yes	65%

World Health Organization

3. Telehealth

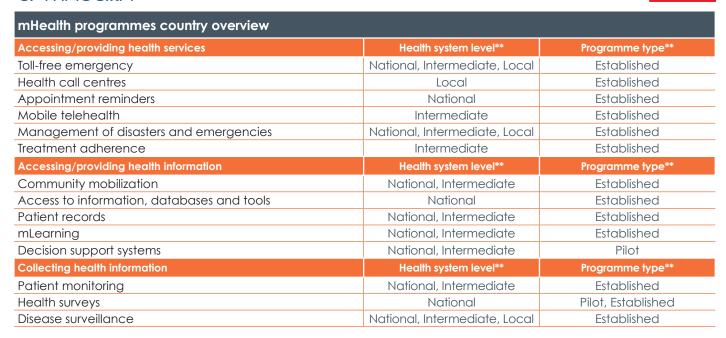| Telehealth programmes country overview		
	Health system level*	**Programme type***
Teleradiology	National, Intermediate	Pilot, Established
Teledermatology	National, Intermediate	Pilot, Established
Telepathology	National, Intermediate	Pilot, Established
Telepsychiatry	National, Intermediate	Pilot, Established
Remote patient monitoring	National, Intermediate	Pilot, Established

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%
Supply chain management information systems	Yes	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	Yes	47%
Pharmacy	Yes	38%
Biomedical/Life sciences	Yes	42%
Health professionals – In-service	**Country response**	**Global "yes" response§**
Medicine	No	58%
Dentistry	No	30%
Public health	No	47%
Nursing & midwifery	No	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, Intermediate, Local	Established
Health call centres	Local	Established
Appointment reminders	National	Established
Mobile telehealth	Intermediate	Established
Management of disasters and emergencies	National, Intermediate, Local	Established
Treatment adherence	Intermediate	Established
Accessing/providing health information	**Health system level****	**Programme type****
Community mobilization	National, Intermediate	Established
Access to information, databases and tools	National	Established
Patient records	National, Intermediate	Established
mLearning	National, Intermediate	Established
Decision support systems	National, Intermediate	Pilot
Collecting health information	**Health system level****	**Programme type****
Patient monitoring	National, Intermediate	Established
Health surveys	National	Pilot, Established
Disease surveillance	National, Intermediate, Local	Established

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%	2010
Policy or strategy makes specific reference to its use in the health domain	No	5%	
Health care organizations – use of social media	**Country response**	**Global "yes" response§**	
Promote health messages as a part of health promotion campaigns	Yes	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	—	62%	
Run community-based health campaigns	Yes	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	Yes	17%	2007
Governing the use of big data by private companies	—	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"
— Don't know
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