

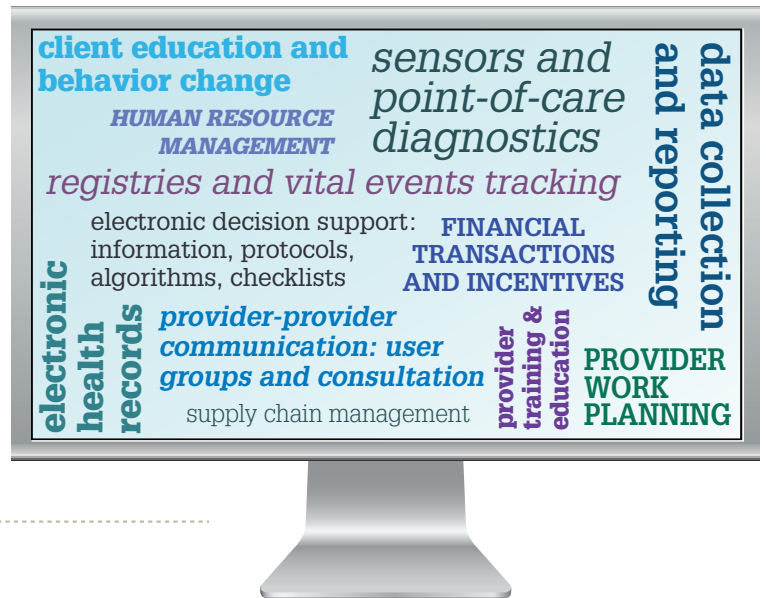
# By the Numbers: mHealth/Digital Health

Section Editor: The ISPOR Student Network

## APPLICATIONS OF MOBILE HEALTH<sup>1</sup>

Mobile Health is being used:

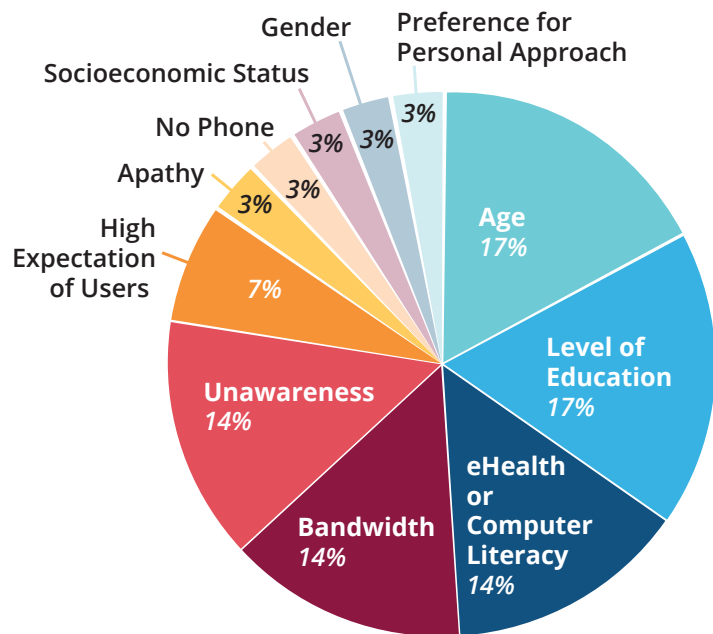
- 1 For patient communication, monitoring, and education
- 2 To reduce the burden of diseases linked with poverty
- 3 To improve access to health services, clinical diagnostics, and treatment adherence
- 4 For chronic disease management



## Timeline of Country Adoption of eHealth Policies or Strategies (1990-2015)<sup>2</sup>

- 1990 San Marino
- 1995 Finland
- 1996 Norway
- 2000 Canada
- 2003 Estonia, Malawi, Singapore
- 2004 Republic of Moldova
- 2005 Latvia, Sudan, USA
- 2006 Italy, Luxembourg, Malaysia, Vietnam
- 2007 Cabo Verde, Switzerland
- 2008 Australia, Mongolia
- 2009 Iceland, Jordan, Uzbekistan
- 2010 Azerbaijan, Ghana, Lithuania, New Zealand, Sweden, Turkmenistan
- 2011 Georgia, Kenya, Maldives, Poland
- 2012 Armenia, China, Costa Rica, Cote D'Ivoire, Iran (Islamic Republic of), Netherlands, South Africa, Uganda, United Kingdom, Uruguay, Zimbabwe
- 2013 Belgium, Cyprus, Greece, Ireland, Jamaica, Kazakhstan, Mali, Philippines, Russian Federation, Ukraine, Zambia
- 2014 Argentina, Bhutan, Bulgaria, Chile, Democratic People's Republic of Korea, Dominican Republic, Ethiopia, Gambia, Japan
- 2015 Bangladesh, Paraguay, Qatar, Rwanda

## Main Barriers for Patients Regarding the Implementation of Telemedicine Globally<sup>3</sup>



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<sup>1</sup> Hall CS, Fottrell E, Wilkinson S, Byass P. Assessing the impact of mHealth interventions in low- and middle-income countries--what has been shown to work? *Glob Health Action* 2014;7:25606

<sup>2</sup> World Health Organization. *Global Diffusion of eHealth: Making universal health coverage achievable. Report of the third global survey on eHealth*. 2016. Available from: <http://apps.who.int/iris/bitstream/handle/10665/252529/9789241511780-eng.pdf;jsessionid=BA560FE3DF3A3016175778F8B86DB065?sequence=1>

<sup>3</sup> Scott Kruse C, Karem P, Shifflett K, Vegi L, Ravi K, Brooks M. Evaluating barriers to adopting telemedicine worldwide: A systematic review. *Journal of telemedicine and telecare*. 2018;24(1):4-12.