Global Observatory for eHealth (GOe)

Misha Kay
Manager

Health, Wealth, Innovation
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World Health Organization
WHO eHealth resolution
WHA 58.28 (2005)

- Strengthen health systems through the use of eHealth

- Build public-private partnerships in ICT development and deployment for health

- Support capacity building for eHealth

- Promote development and adoption of standards

- Monitor, analyse and report trends and developments in eHealth
GOe's mission

Provide WHO Member States with timely, high-quality evidence to improve policy, practice and management of eHealth services.
GOe's products

Now
- Essential data and information for national eHealth programmes and initiatives

In production
- Compendium of selected eHealth solutions for developing countries
- eHealth policy & strategy directory
- WHO/ITU database of successful eHealth projects including evaluations
- List of eHealth experts worldwide
Data collection

Global surveys and methods

» First 2005
» Second 2009/2010
» Third 2012/2013

Data collected through national multidisciplinary expert informant groups

60% response rate
Core survey themes

- Foundation actions to support eHealth
- Telemedicine
- mHealth
- Patient information (EMR/EHR)
- Internet safety
- Internet pharmacies
- Legal frameworks

New in 2012/2013
- Maternal and child health
Review of selected themes

• Trends in policy adoption
• Telemedicine
• Internet pharmacies legislation
• Patient information legislation
• mHealth
• Information quality
National eHealth policy

A bar chart showing the percent of countries with national eHealth policies. The categories are 'Yes', 'No', 'Do not know', and 'No answer'. The percentages are: 55% for 'Yes', 43% for 'No', 2% for 'Do not know', and 0% for 'No answer'.
eHealth policy, by World Bank income groups

- High income: 97%
- Upper-middle: 57%
- Lower-middle: 45%
- Low income: 21%
eHealth policy implementation, globally

- Yes: 10%
- Partly implemented: 87%
- No: 3%
- Do not know: 0%
- No answer: 0%
Telemedicine barriers, globally

Figure 25. Barriers to telemedicine globally
Figure 33. Information needs of all countries
Internet pharmacy legislation, globally

Figure 1. Global legislation of Internet pharmacy operations, globally

- Allows: 10%
- Prohibits: 20%
- No legislation: 80%
- Don't know: 5%
Legislation for privacy of health data, globally

Figure 6. Established legislation to protect privacy of digitized health-related data, globally
Legislation for privacy of health data, by WHO region

Figure 8. Established legislation to protect privacy of digitized health-related data, by WHO region
Figure 1. Member States reporting at least one mHealth initiative, by WHO region

- South-East Asia: 100%
- Americas: 90%
- Europe: 80%
- Eastern Mediterranean: 70%
- Western Pacific: 60%
- Africa: 50%
- Global: 40%
mHealth initiatives, globally

Figure 3. Adoption of mHealth initiatives and phases, globally
Information quality control, globally

Figure 21. Quality control mechanisms for health information, globally
eHealth challenges

- Legislation
- Formal evaluation
- Cost-benefit analysis
- Capacity building
- Collaboration and partnerships
- Government support
Thank you for your attention.
Enjoy the conference!

Global Observatory for eHealth
http://www.who.int/goe