mHealth:
New horizons for health through mobile technologies

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Global Observatory for eHealth

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mHealth
New horizons for health through mobile technologies

Based on the findings of the second global survey on eHealth

Global Observatory for eHealth series - Volume 3

World Health Organization
Content collaboration

Patty Mechael, Nadi Kaonga, Hima Batavia
Earth Institute, Columbia University
Mission
Global Observatory for eHealth

To improve health by providing Member States with strategic information and guidance on effective practices and standards in eHealth
GOe operations

- Conduct global surveys on eHealth through a network of over 700 expert informants worldwide
- Process and analyze data
- Publish reports and eHealth country profiles
- Currently publishing the GOe eHealth Series 2010 – 2011, 7 volumes
Second global survey themes

- mHealth
- Management of patient information
- eLearning
- Legal issues in eHealth
- Foundation policies for eHealth
- iPharmacies
Scope of study

• Adoption of initiatives by mHealth types and phases of maturity

• Barriers to mHealth implementation and scale

• Evaluation
### Adoption of mHealth, globally

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None reported</td>
<td>17%</td>
</tr>
<tr>
<td>At least one initiative</td>
<td>83%</td>
</tr>
<tr>
<td>1 – 9 initiatives</td>
<td>70%</td>
</tr>
<tr>
<td>10 or more initiatives</td>
<td>30%</td>
</tr>
</tbody>
</table>
Member States reporting at least one mHealth initiative by WHO region

![Graph showing percentage of countries in different WHO regions](image_url)
Adoption of mHealth initiatives and their phases, globally
Adoption of mHealth initiatives and phases, by World Bank income group
Barriers to mHealth implementation, globally
Top four barriers, by WHO region

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Evaluation of mHealth initiatives, by WHO region

![Bar chart showing percent of countries by WHO region.](chart.png)
A path to integrated, scalable mHealth

More strategic approach needed to planning, development and evaluation to increase impact of mHealth
Information and knowledge

• WHO and partners will develop a site on global mHealth best practice based on national and local experiences

• Evaluation information and cost-benefit analysis will be included
Policy and strategy

- WHO and ITU are creating a "National eHealth Development Toolkit"

- First comprehensive guide for Member States to support development of eHealth national strategy development based on health system priorities
Data privacy & security

- WHO and ITU will provide guidance to Member States on data privacy and security policy for mHealth
Thank you and enjoy the conference!

Please take a USB key with the report on it too.

Misha Kay
WHO, Geneva