

## eHealth

-what is it, pitfalls and challenges, future trends and Telenor in eHealth

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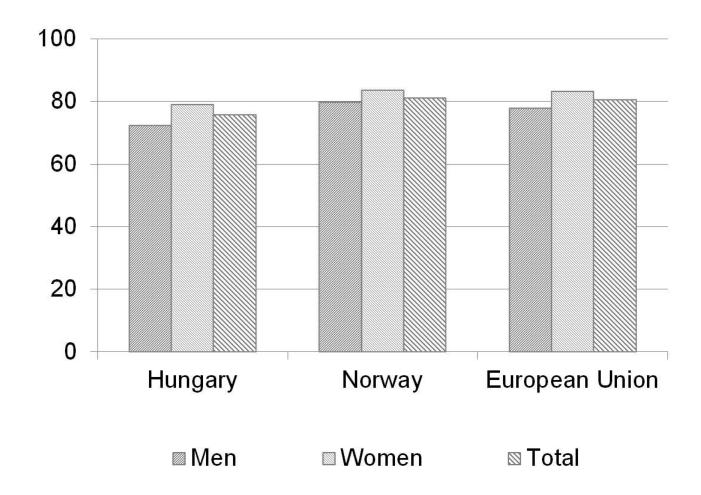
#### eHealth

## -what is it, pitfalls and challenges, future trends and Telenor in eHealth

- 1. Current situation in developed countries
- 2. Definition of e-health
- 3. Telenor in e-health
- 4. Future trends
- 5. Challenges and pitfalls
- 6. My vision of health care anno 2020



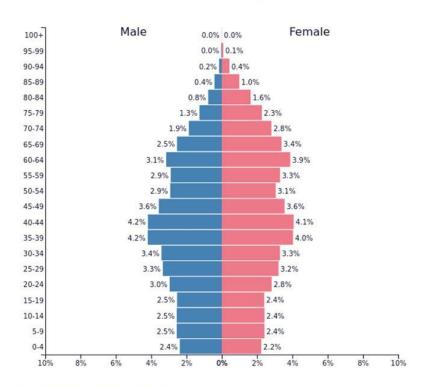
#### Life expectancy

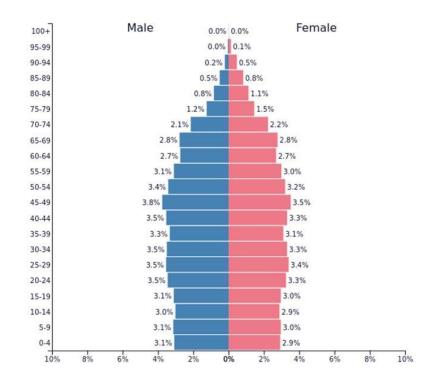




Hungary - 2017 Population: 9,787,905

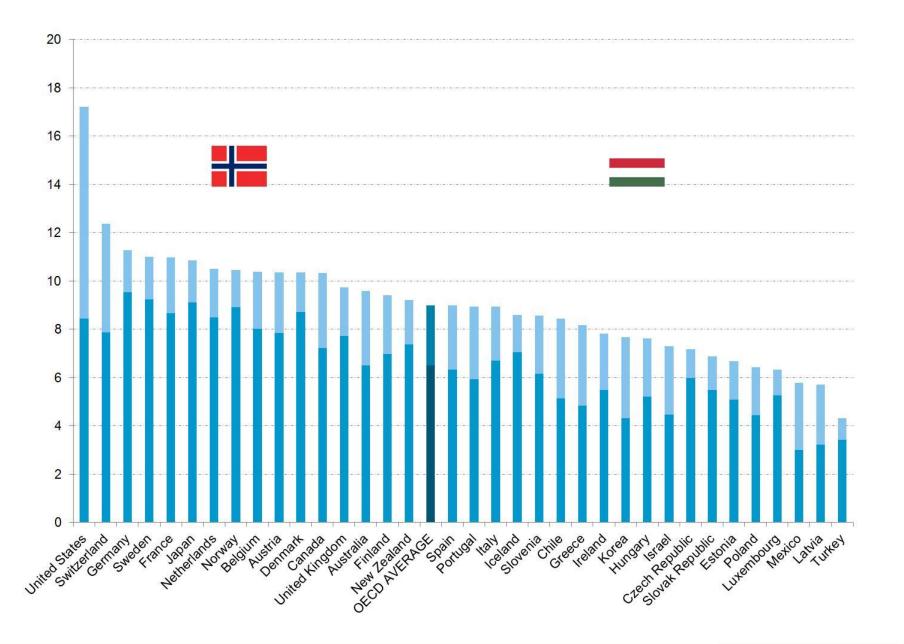
Norway - 2017 Population: 5,330,800





PopulationPyramid.net









# OF THE WORLD LIVES WITH CHRONIC DISEASE

Preventive medicine

Increase efficiency

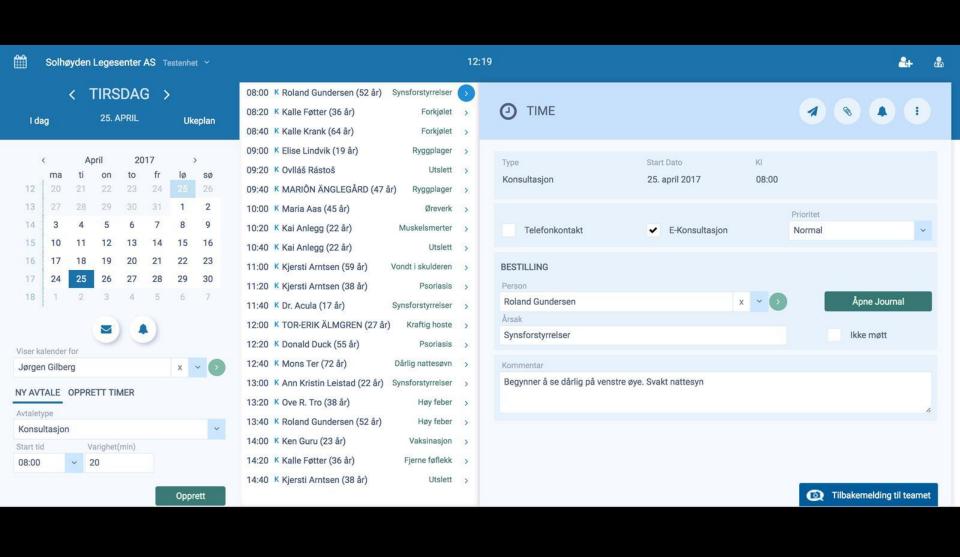
Involve patients

Can e-Health be the key?





Use of ICT to improve effectivity, quality and security in health care





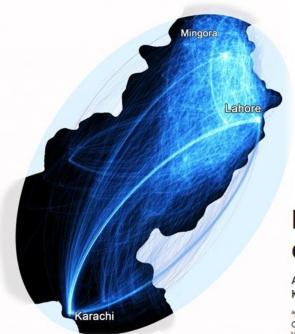
### Telenor in the health sector

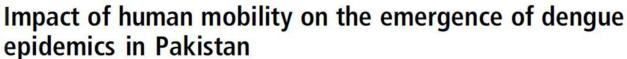
#### Telenor Health in Asia **Smart Municipality Telenor Objects** Team Hospital E-health program Preventive and Digitalizing Digital welfare Communication Dedicated e-health municipalities mobile services technology services team Innovation · Four million users in · More than 300 • More than 130 To all hospitals Bangladesh municipalities municipalities Partnership Strategy Norske sykehus velger Telenor telenor objects

SYKEHUSINNKJØP





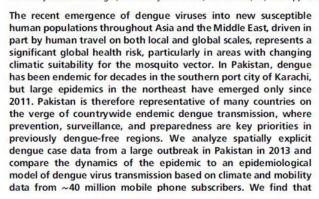




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Edited by Burton H. Singer, University of Florida, Gainesville, FL, and approved August 6, 2015 (received for review April 2, 2015)



Dengue has long been endemic in most Southeast Asian countries (1), but has more recently emerged in parts of the Middle East and South Asia, including Pakistan (15, 16). In Pakistan, the transmission of dengue viruses was largely confined to the southern city of Karachi until 2011 when a large dengue epidemic with over 20,000 cases occurred in the northeastern city of Lahore (16), causing significant morbidity and mortality. In 2013, a second large epidemic occurred in northeastern Pakistan in Punjab and Khyber-Pakhtunkhwa (KP) provinces, establishing the region as an emerging focus of seasonal dengue epidemics. It has been hypothesized that the recent geographic expansion of *A. aegypti* mosquito vectors, changing environmental suitability, and human importation of dengue from endemic regions all contributed to the emergence of dengue in northern areas (17). Pakistan is therefore representative of many countries that are on the verse









#### VIS- Project in Oslo

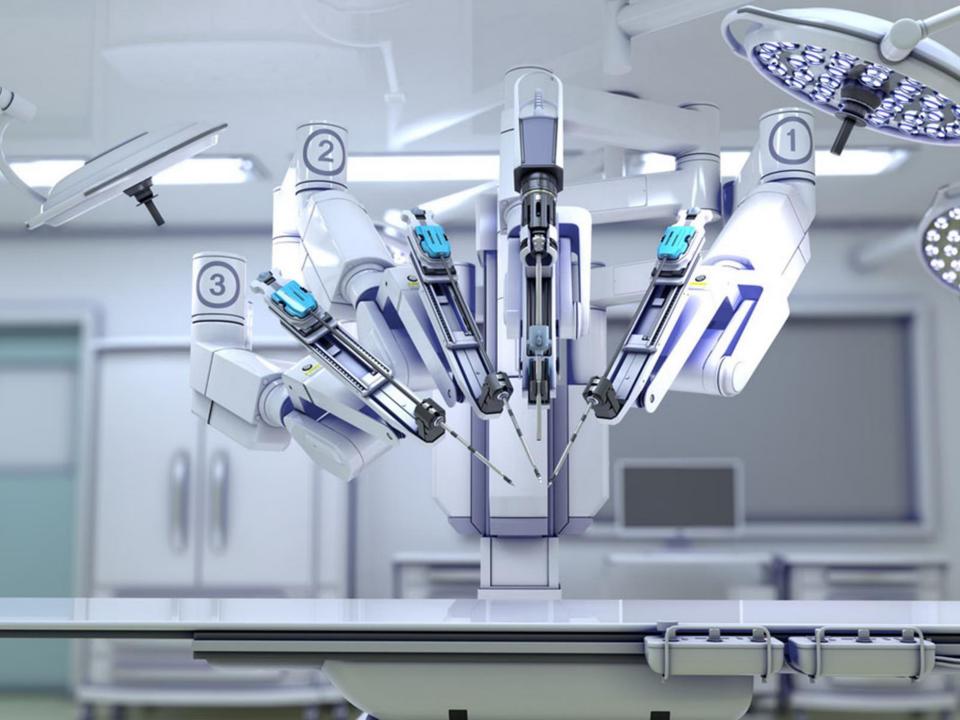
#### Reduction in use

	Short term	Long term
Out-patient	34,4 %	41,8 %
In-patient	18,7 %	32,3 %
Hospital days	33,0 %	39,1 %























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