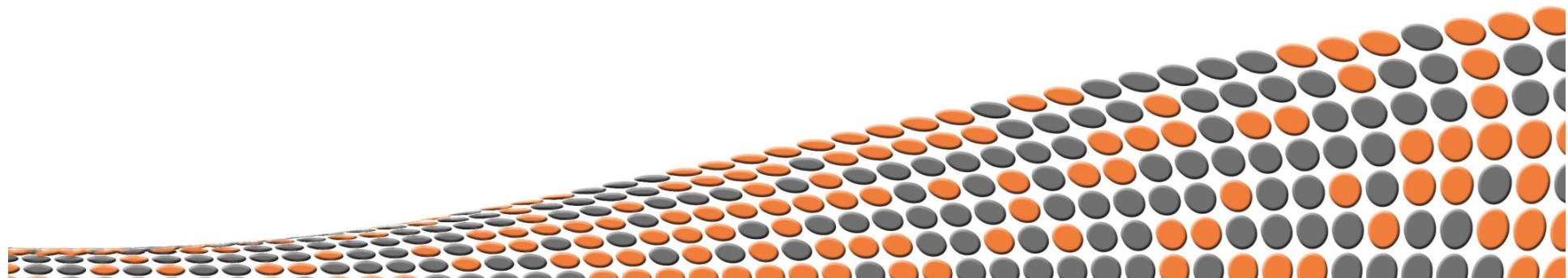


Health expectancies in the European Union, 2005-2012

*J-M Robine, B Jeune, W Nusselder, H van Oyen, E Cambois,
C Jagger and the EHLEIS Group*

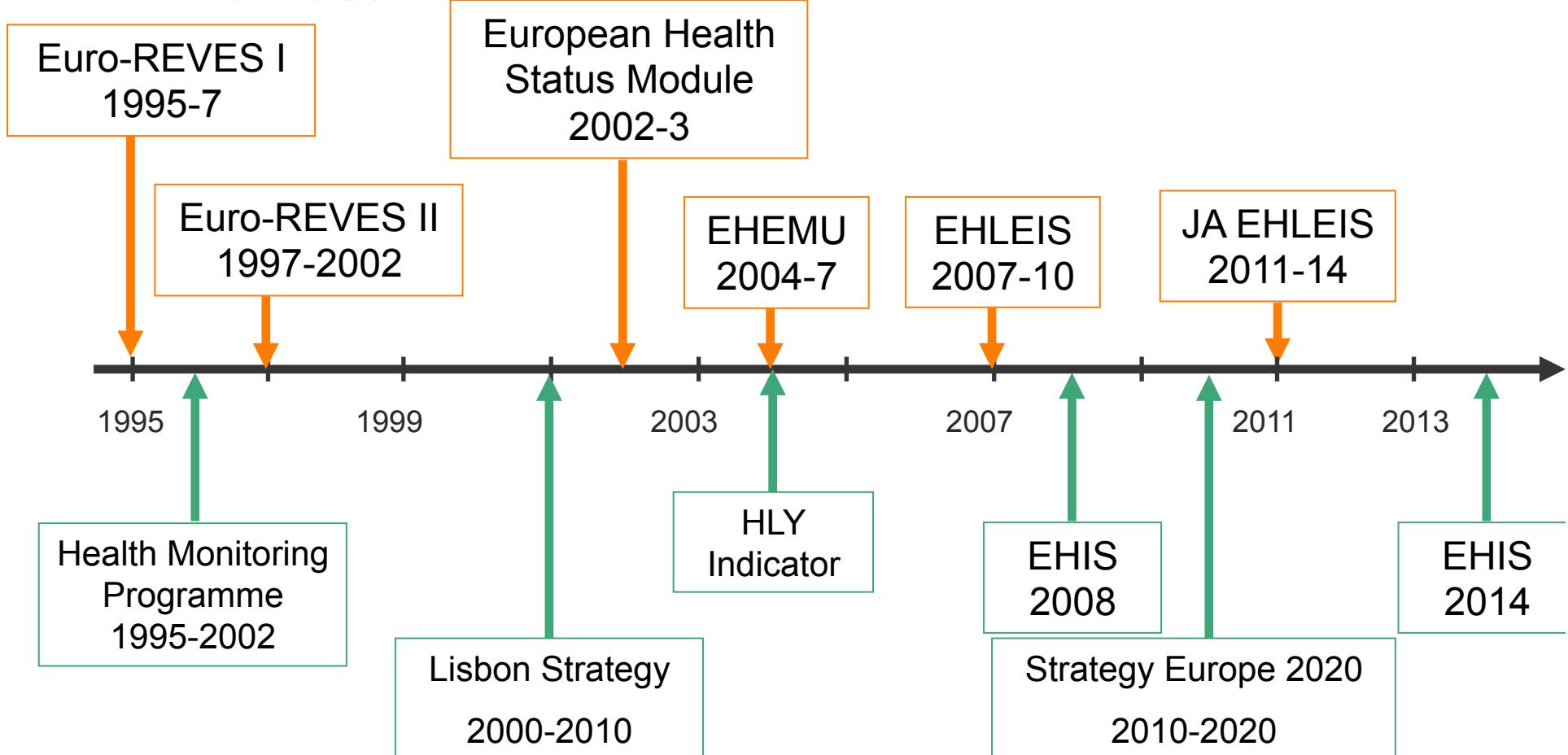


EUROPEAN HEALTH & LIFE EXPECTANCY
JA-EHLEIS
INFORMATION SYSTEM

The
Joint Action
on **Healthy**
Life Years



Timeline of EHLEIS projects



European context

The Mini European Health Module (MEHM)

3 concepts:

- Self perceived health
- Long standing or chronic health problems
- Functional health / disability

3 global questions >>> The world smallest health survey

In EU-SILC since 2004/2005

Self-perceived health

How is your health in general? Is it...

1. Very good
2. Good
3. Fair
4. Bad
5. Very bad

Chronic morbidity

Do you have any chronic illness or condition?

1. Yes
2. No

Global activity limitation (GALI)

For at least the past 6 months, to what extent have you been limited because of a health problem in activities people usually do?

Would you say you have been...

1. severely limited
2. limited but not severely, or
3. not limited at all

Health expectancies in Europe

- Life expectancy in good perceived health

How is your health in general? Is it... Very good + Good

- Life expectancy without chronic disease

Do you have any chronic illness or condition? No

- Life expectancy without activity limitation

For at least the past 6 months, to what extent have you been limited because of a health problem in activities people usually do? Not limited at all

Producing country profiles

Life and health expectancies at age 65 based on activity limitation (Healthy Life Years), chronic morbidity and perceived health for EU27, in 2011, by gender (Health data from SILC)

Life Expectancy at age 65 and expected years

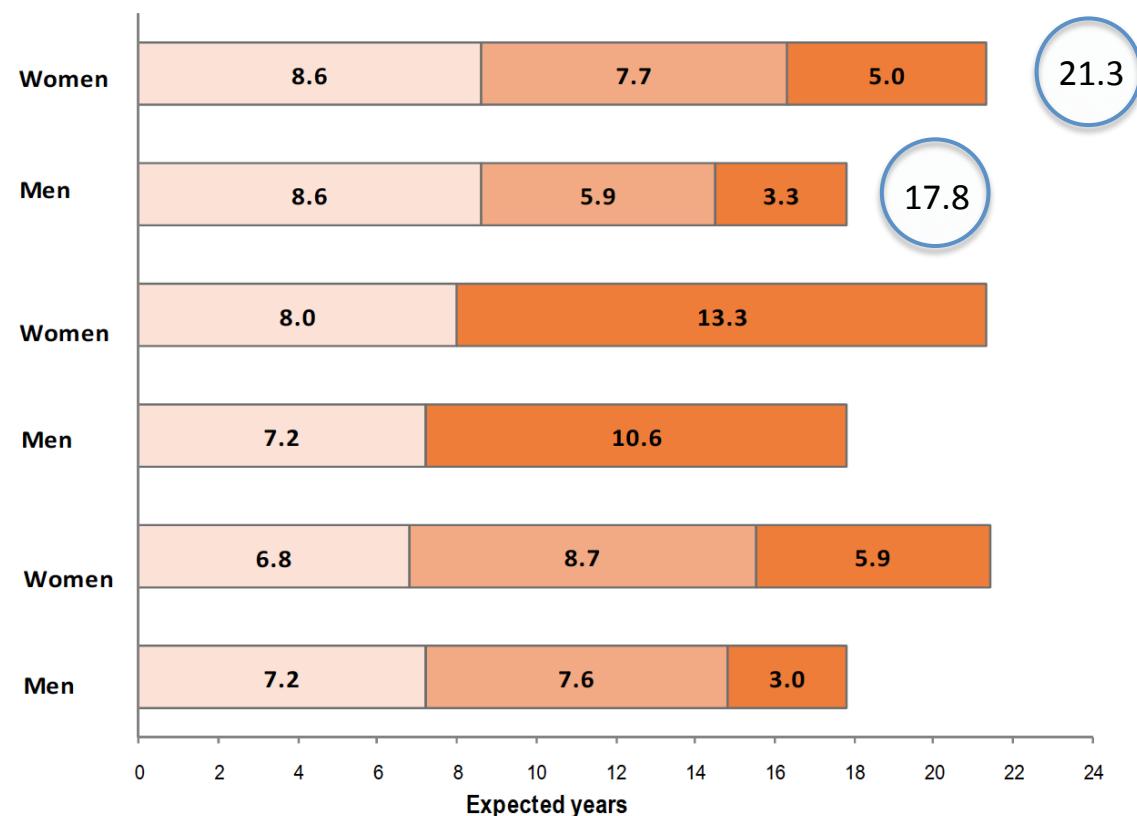
- Without activity limitation
- With moderate activity limitation
- With severe activity limitation

Life Expectancy at age 65 and expected years

- Without chronic morbidity
- With chronic morbidity

Life Expectancy at age 65 and expected years

- In very good or good perceived health
- In fair perceived health
- In bad or very bad perceived health



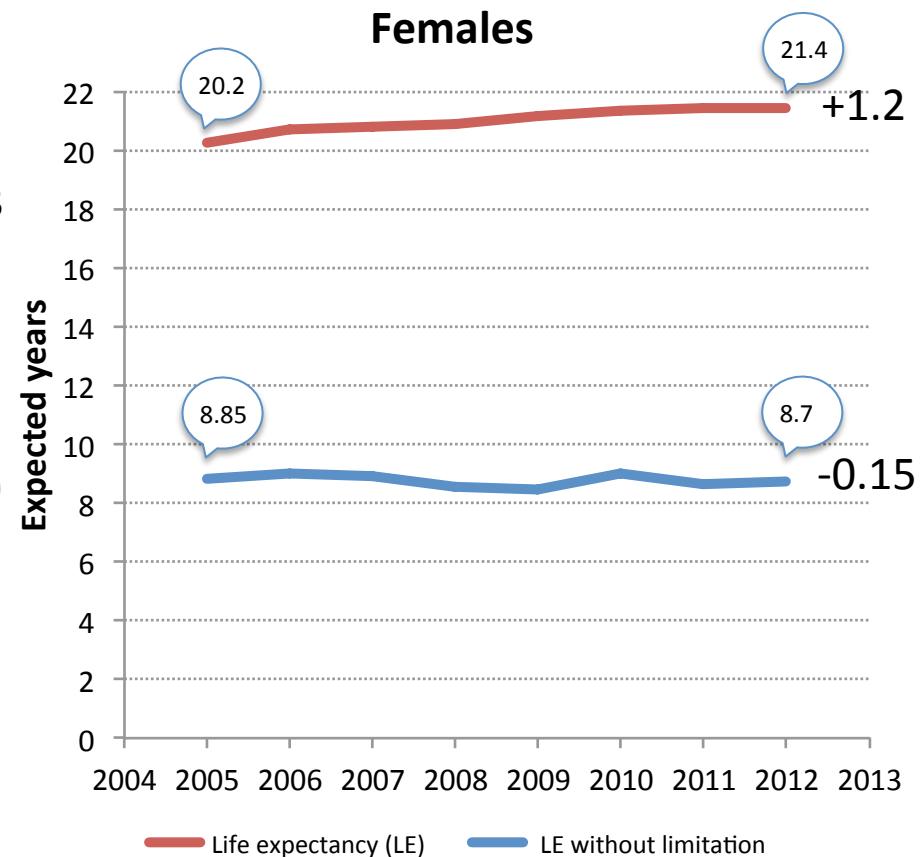
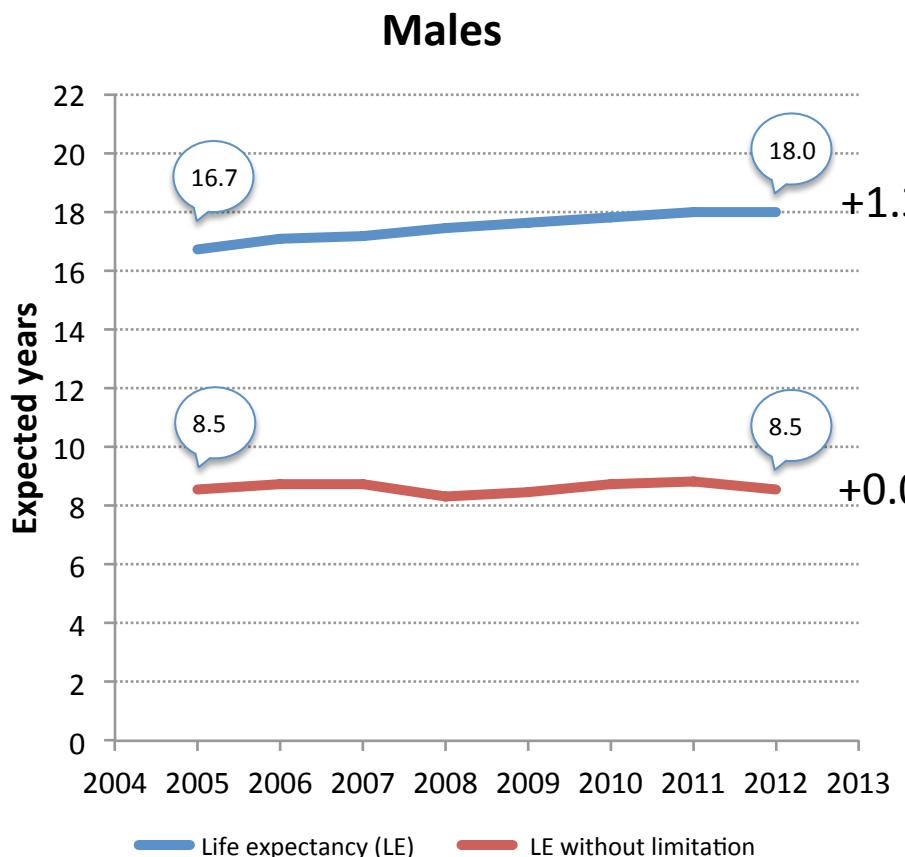
Healthy Life Years (HLY)

(Life expectancy without activity limitation)

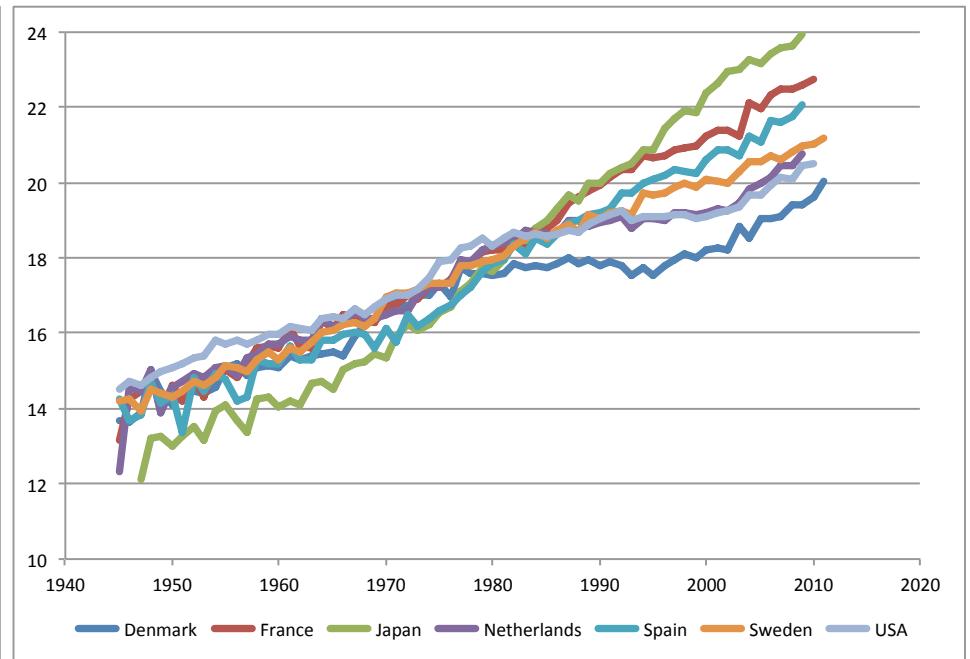
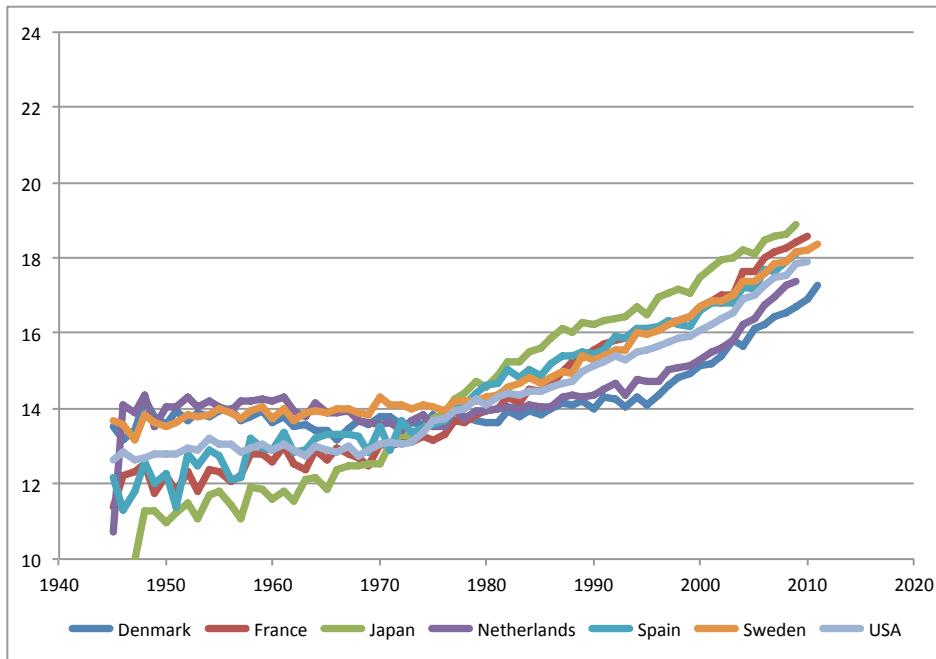
- Selected as part of the Lisbon Strategy (2000-2010) to assess the quality of life and functional health status of Europeans
- Set as the overarching target of the first partnership of Innovation Union “Active Healthy Ageing”: an increase in HLY of two years by 2020

Monitoring changes over time

Life and HLY at age 65, EU25, 2005-2012



Trends in life expectancy at age 65

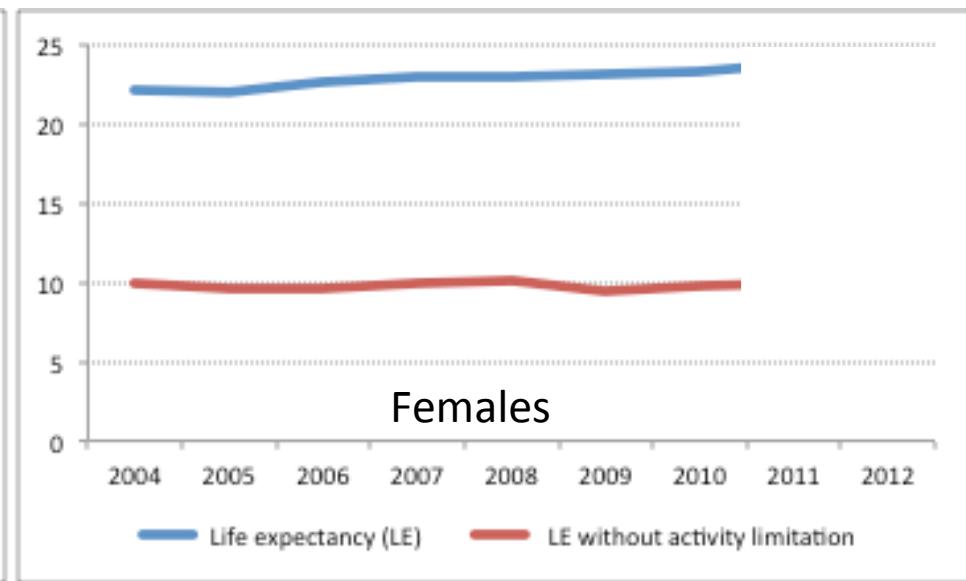
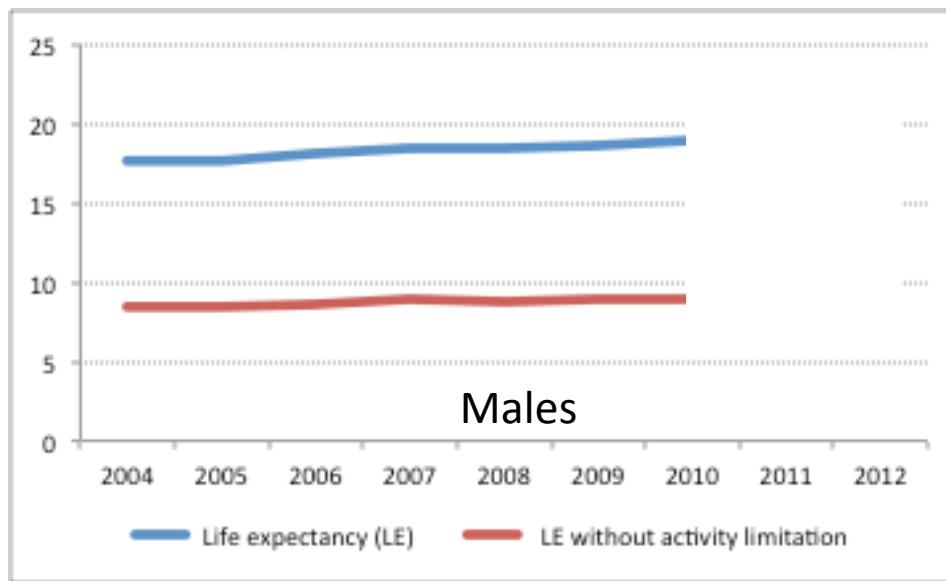


How long can we live in good health?

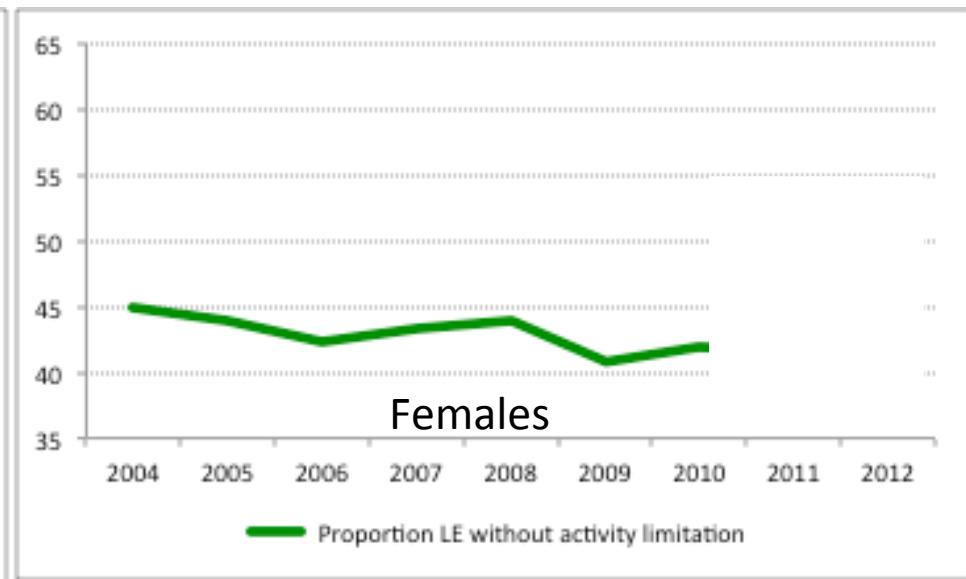
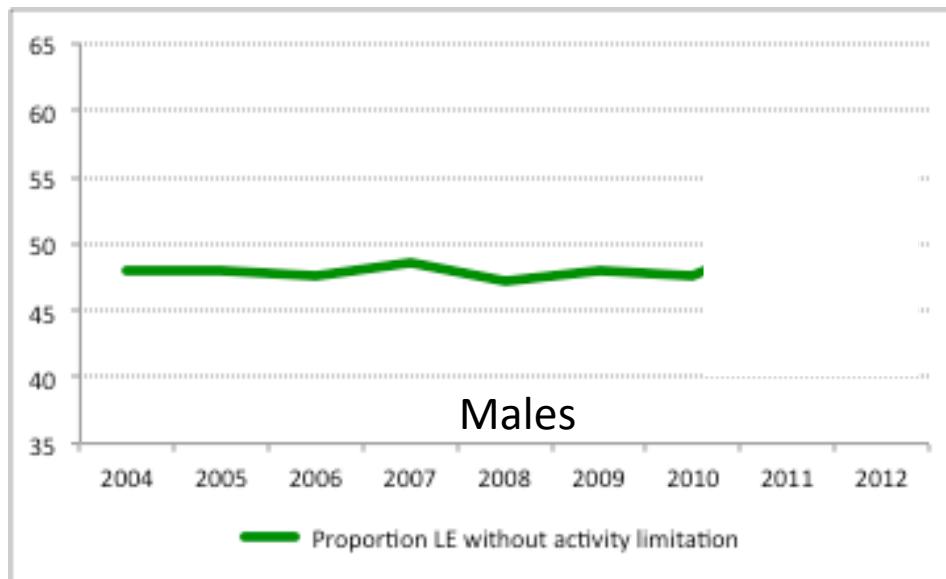
3 main theories:

- Compression of morbidity/disability
- Dynamic equilibrium
- Expansion of morbidity/disability

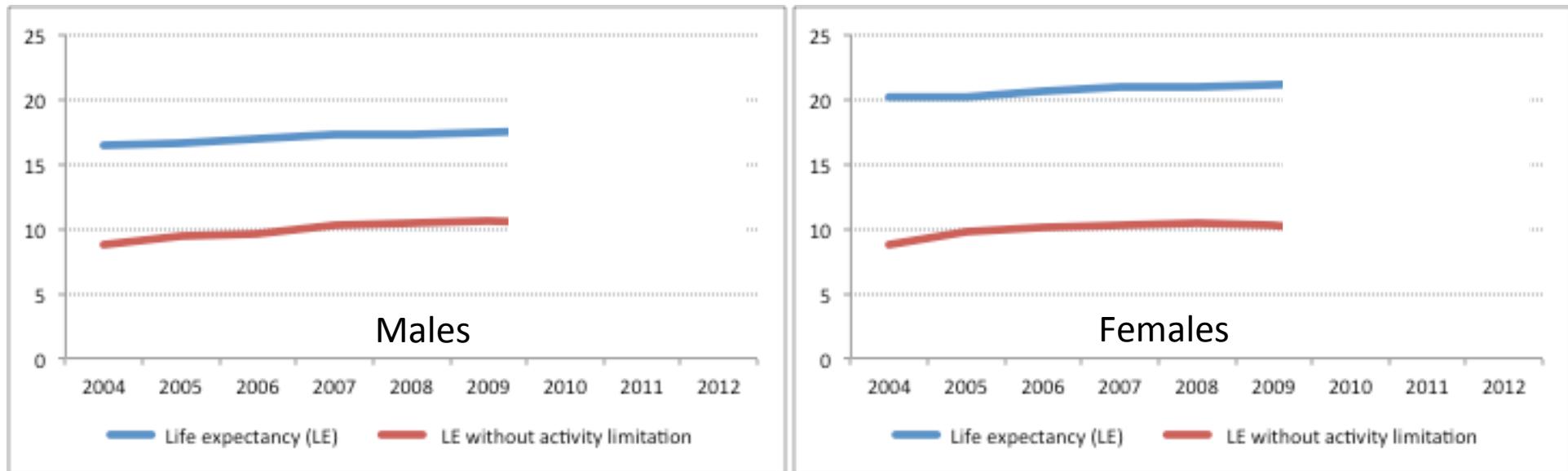
Life expectancy (LE) and HLY: France, 2004-2012



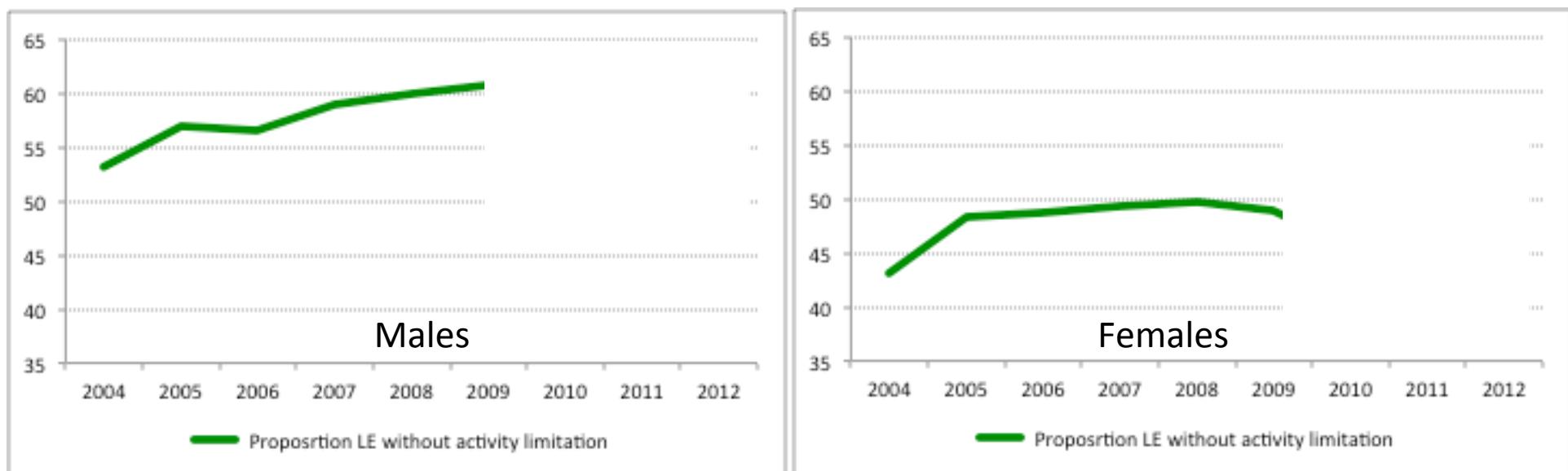
LE: Proportion free of disability: France, 2004-2012



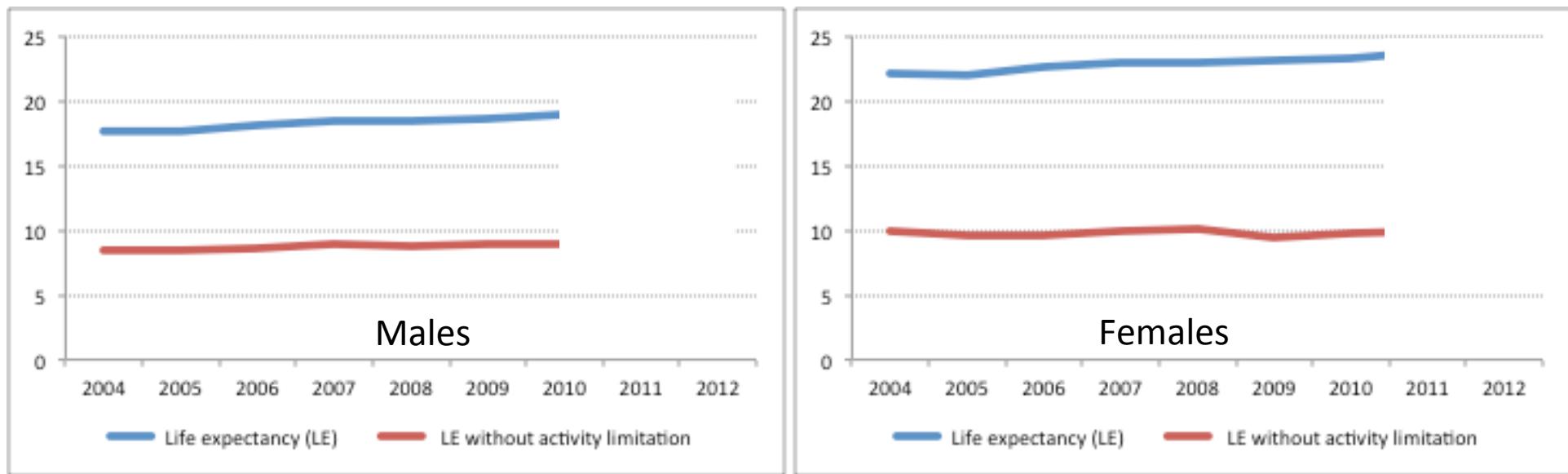
Life expectancy (LE) and HLY: Belgium, 2004-2012



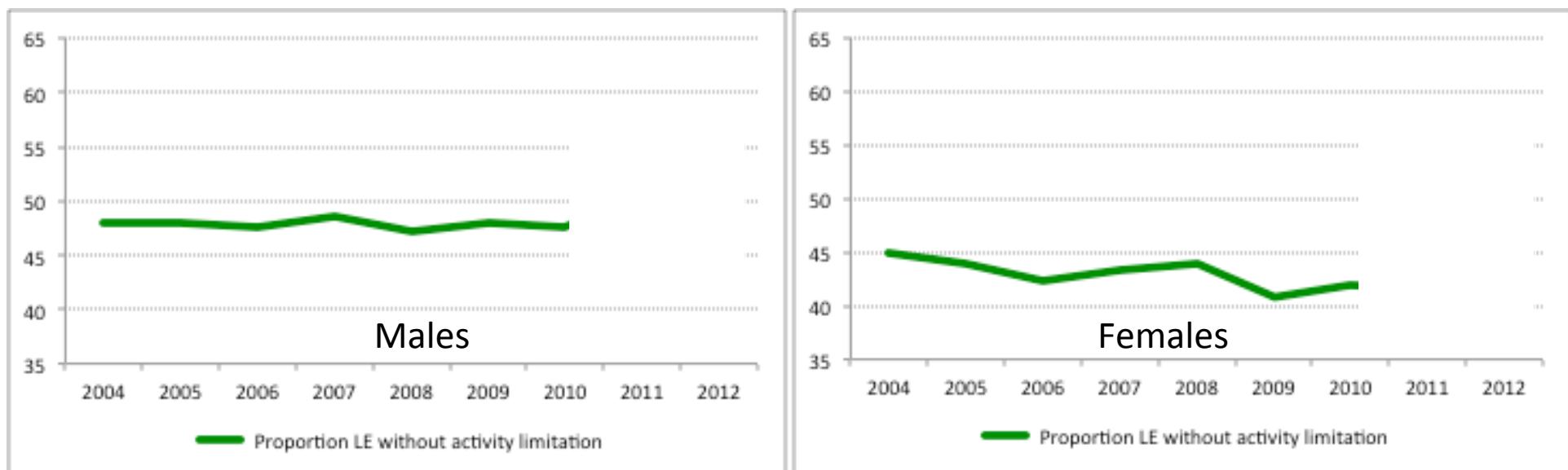
LE: Proportion free of disability: Belgium, 2004-2012



Life expectancy (LE) and HLY: France, 2004-2012

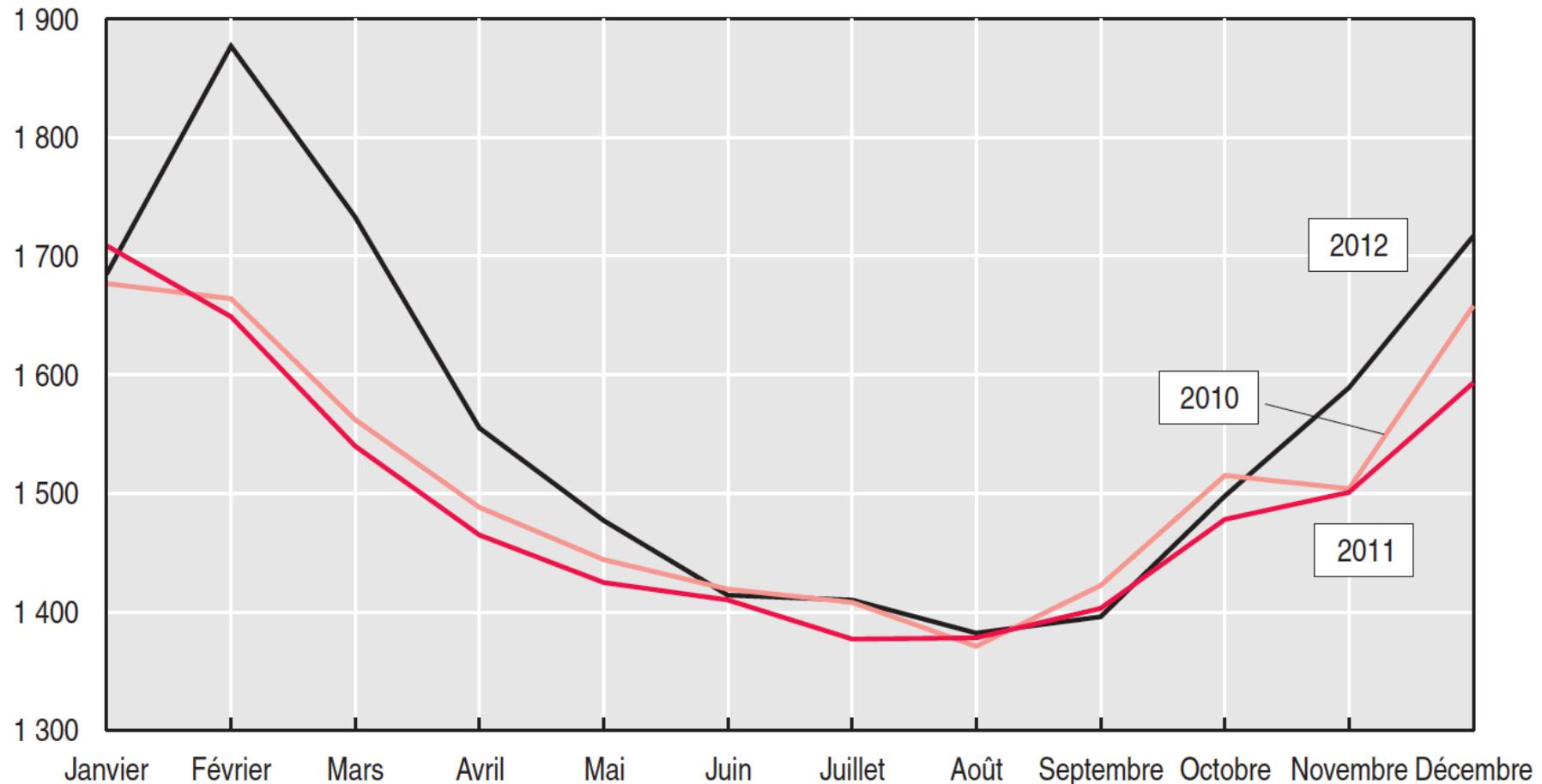


LE: Proportion free of disability: France, 2004-2012



Daily number of deaths: France, 2010-2012

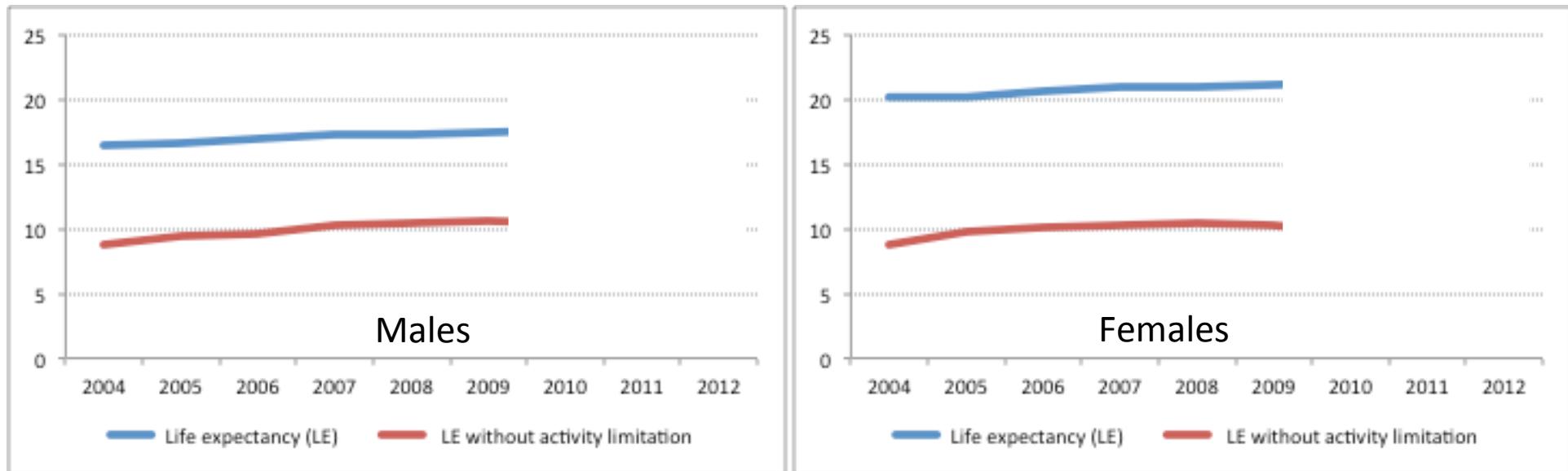
② Nombre de décès par jour, selon le mois



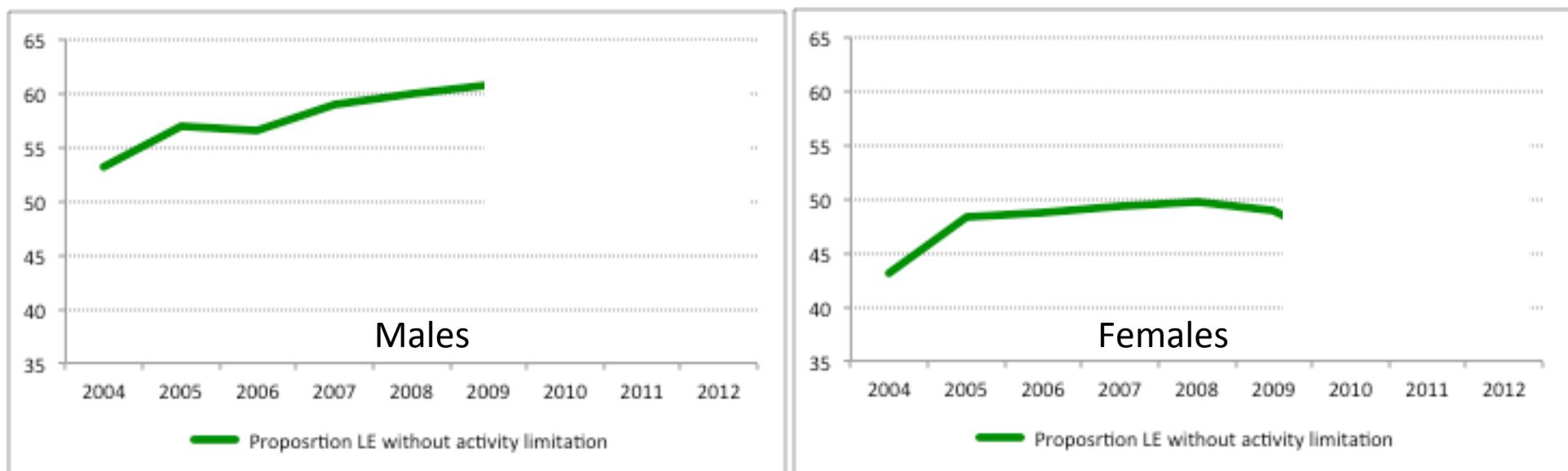
Champ : France hors Mayotte.

Source : Insee, estimations de population et statistiques de l'état civil.

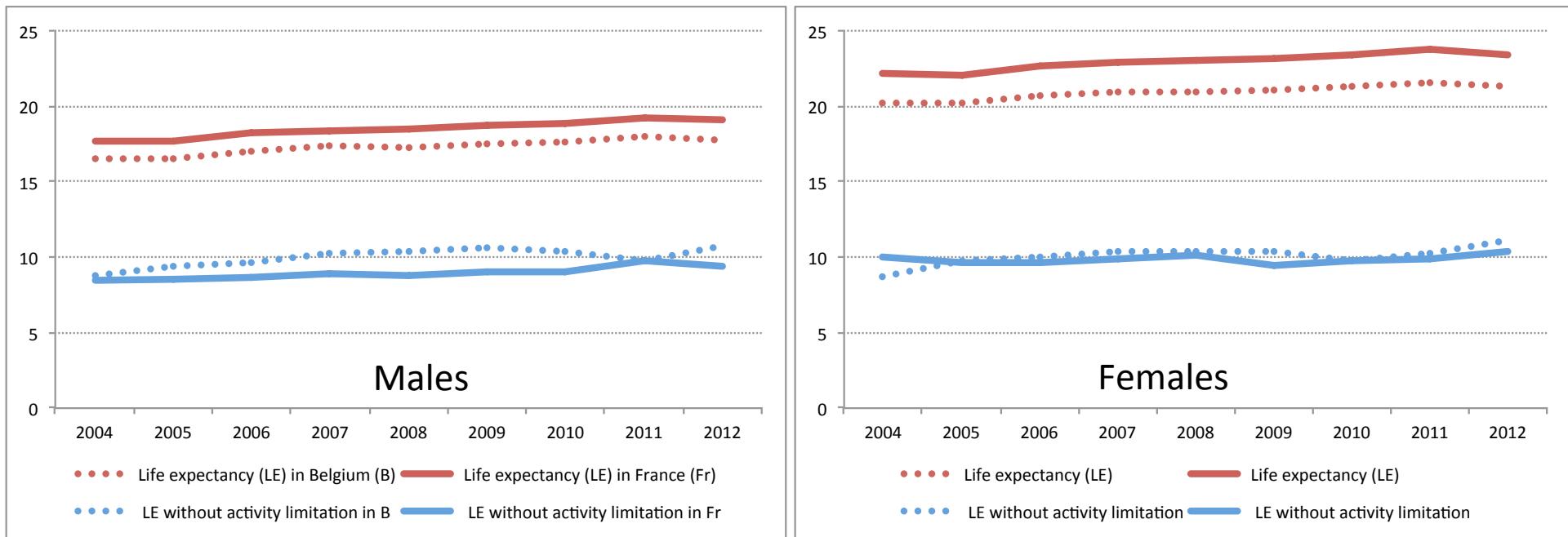
Life expectancy (LE) and HLY: Belgium, 2004-2012



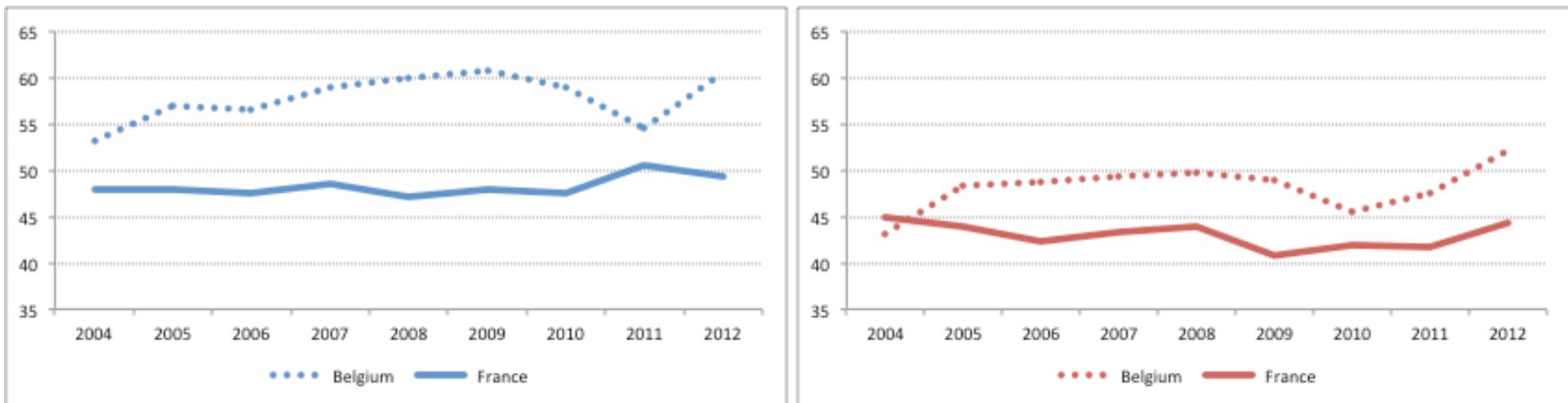
LE: Proportion free of disability: Belgium, 2004-2012



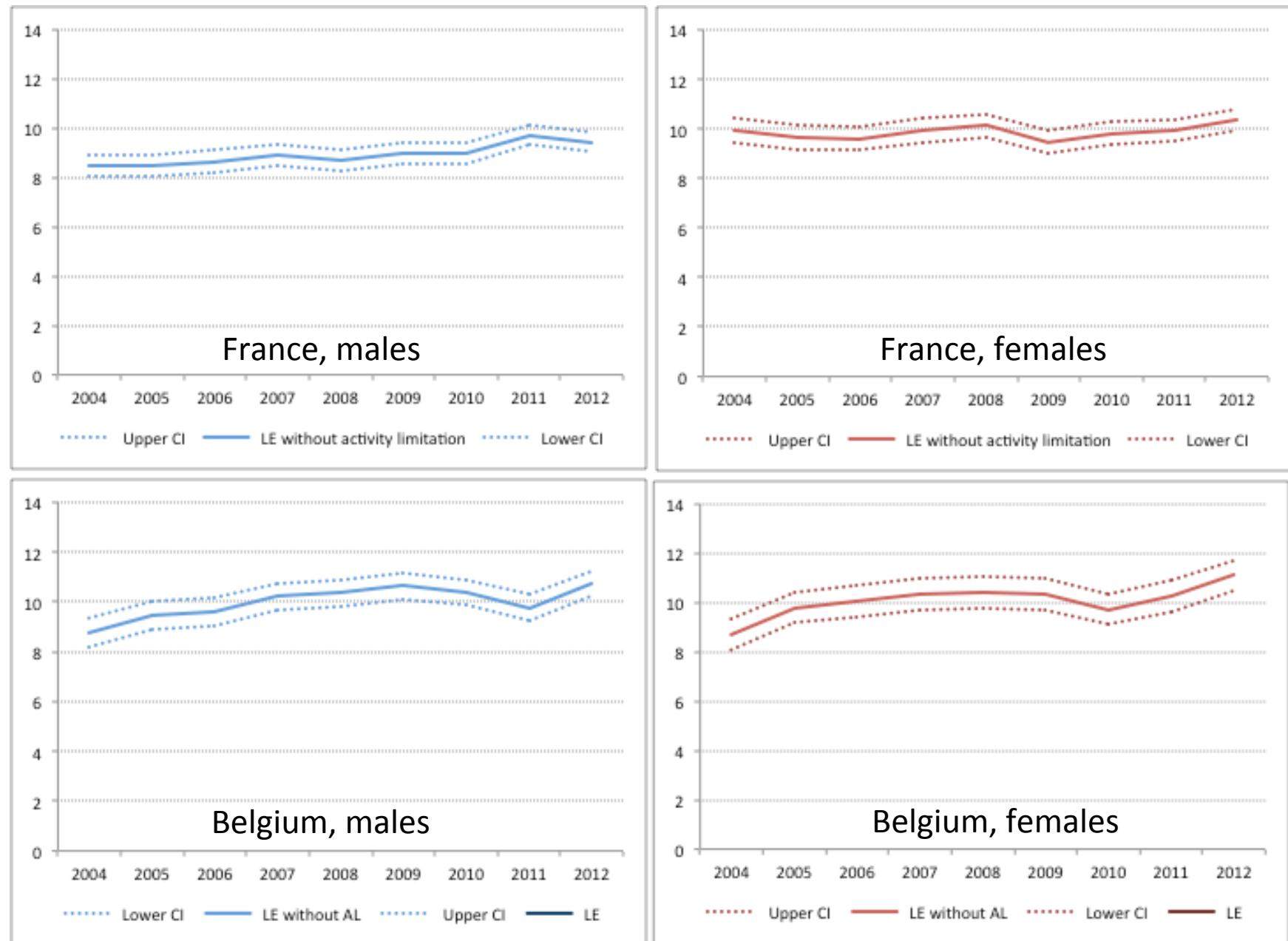
Life expectancy (LE) and HLY: Belgium vs. France



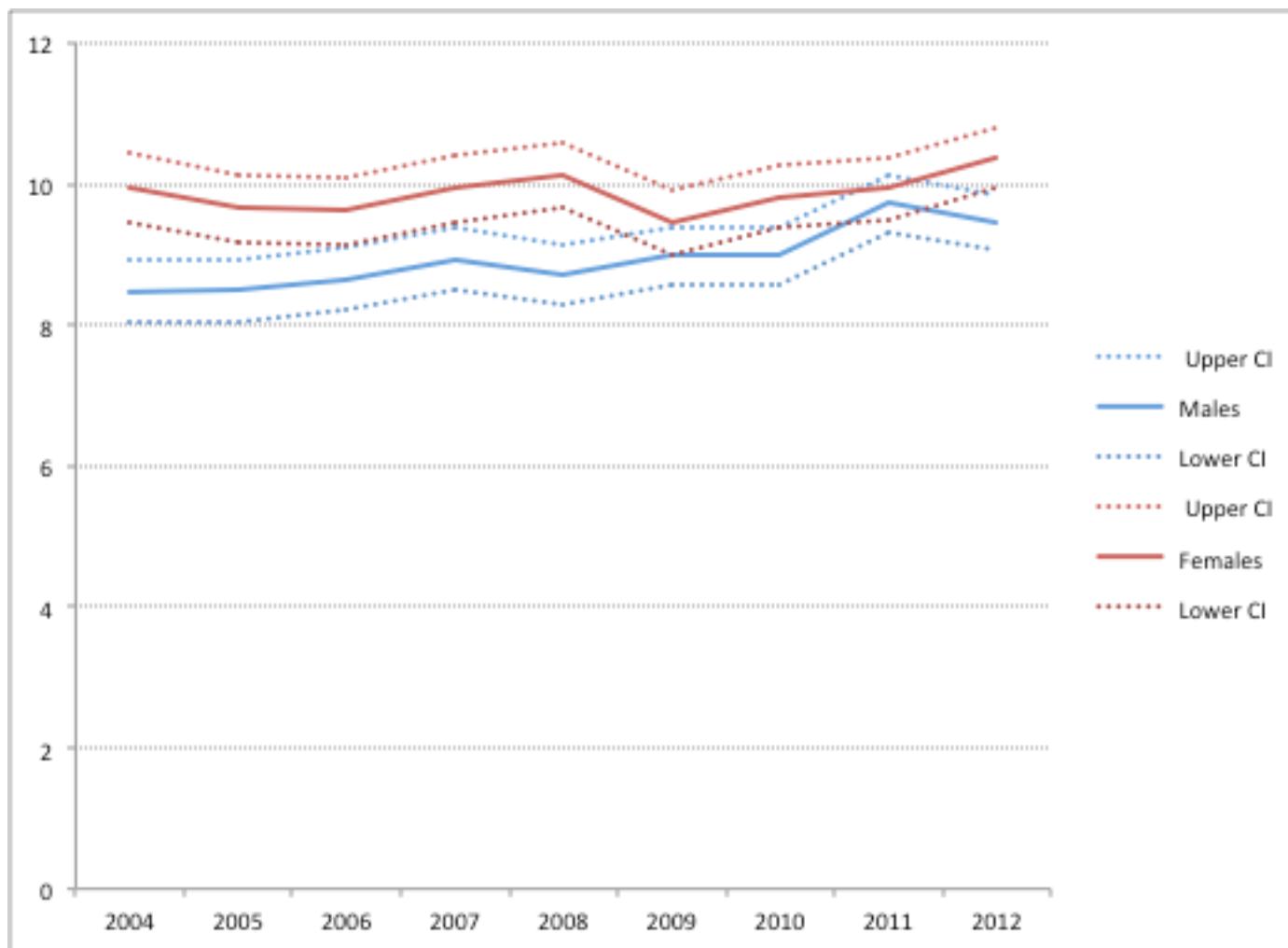
LE: Proportion free of disability: Belgium vs. France



Healthy Life Years (HYL): Confidence interval, 2004-2012



HLY: France, 2004-2012 (blue: males; red: females)

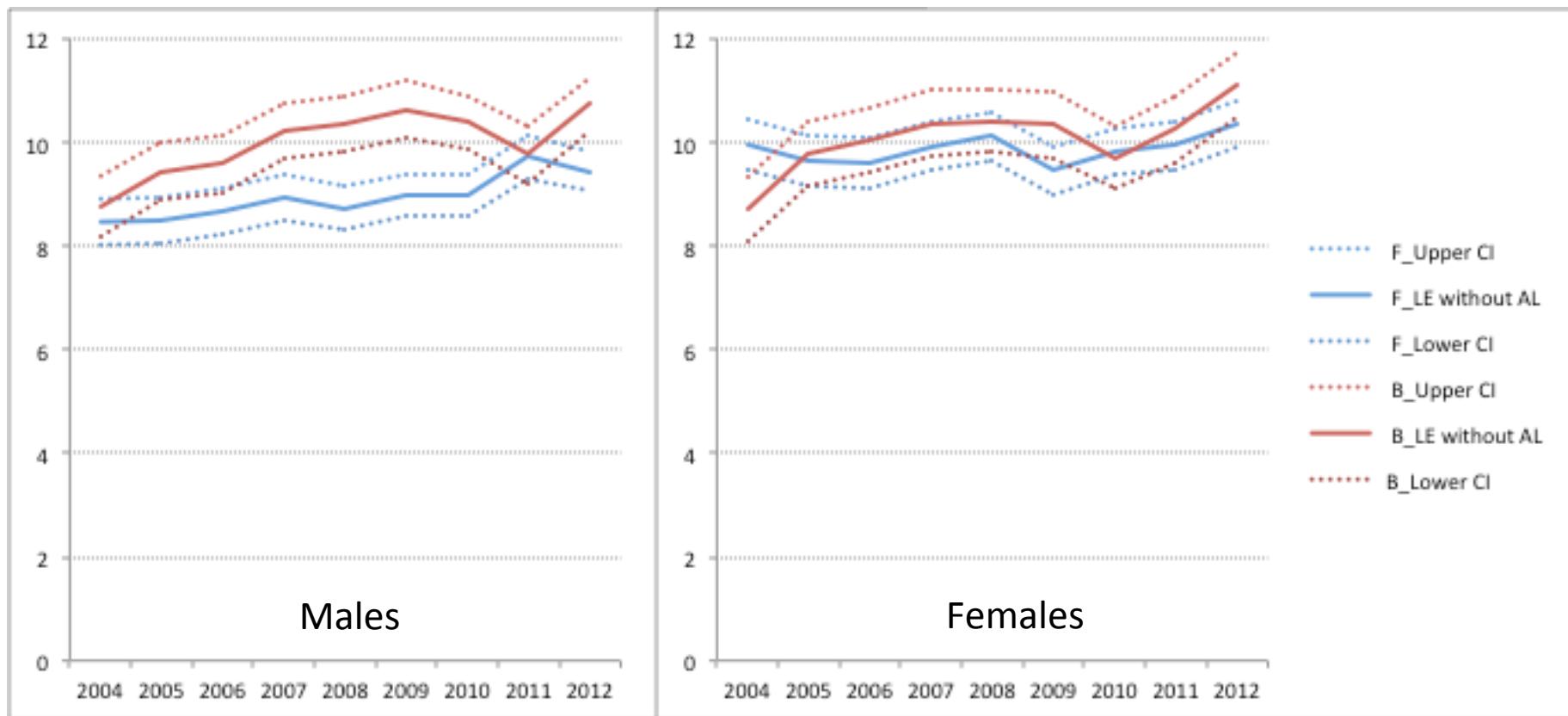


HLY: Belgium, 2004-2012

(blue: males; red: females)



HLY: France vs. Belgium



Health expectancy in the US

JA:EHLEIS, April 2014

Jennifer H. Madans
National Center for Health Statistics,
USA



April 18, 2013

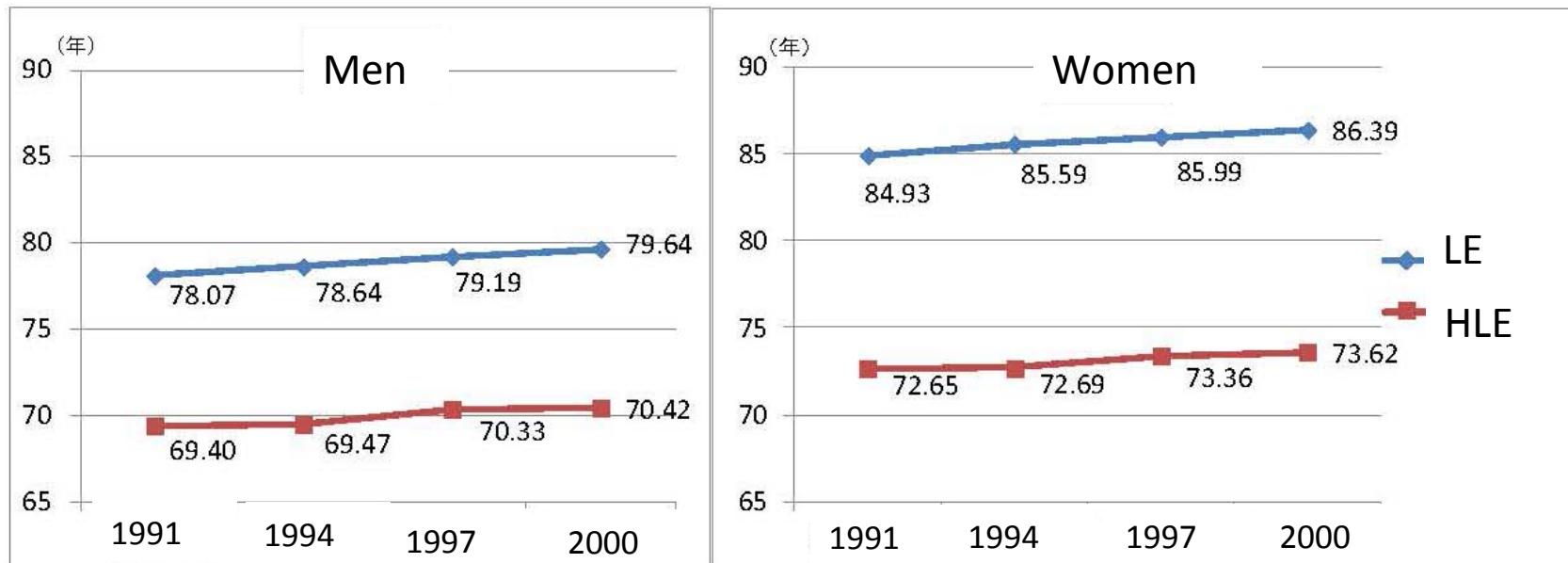
JA-EHLEIS

Healthy Life Expectancies in Japan

Toshiyuki OJIMA, MD, DrPH

Professor of
Department of Community Health and Preventive Medicine,
Hamamatsu University School of Medicine, JAPAN

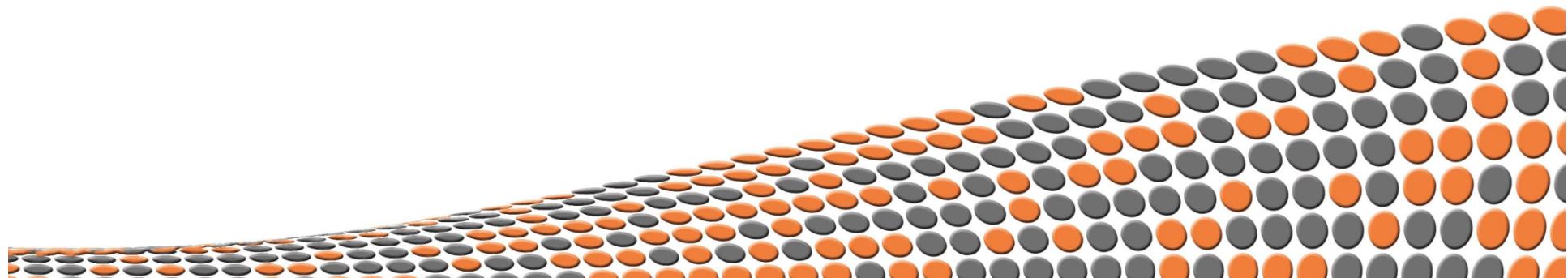
Time trend of life expectancy (LE) and healthy life expectancy (HLE)



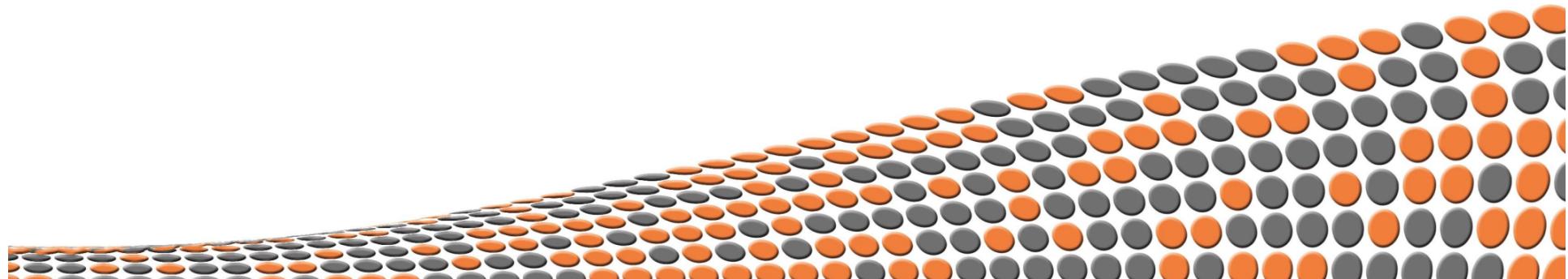
Source: LE (2000): The life table by the Ministry of Health, Labour and Welfare
HLE (2000): The Research Group about Healthy Life Expectancy

EHLEIS is part of a new international enterprise for establish a common summary measure of population health (SMPH)

EHLEIS is part of BRIDGE-HEALTH (Third European health programme, 2014-2020)



Thank you for your attention!



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