



# AAI

## Active Ageing Index

*Active Ageing for Longer and Better Working Lives*  
*1 October 2015, Riga*



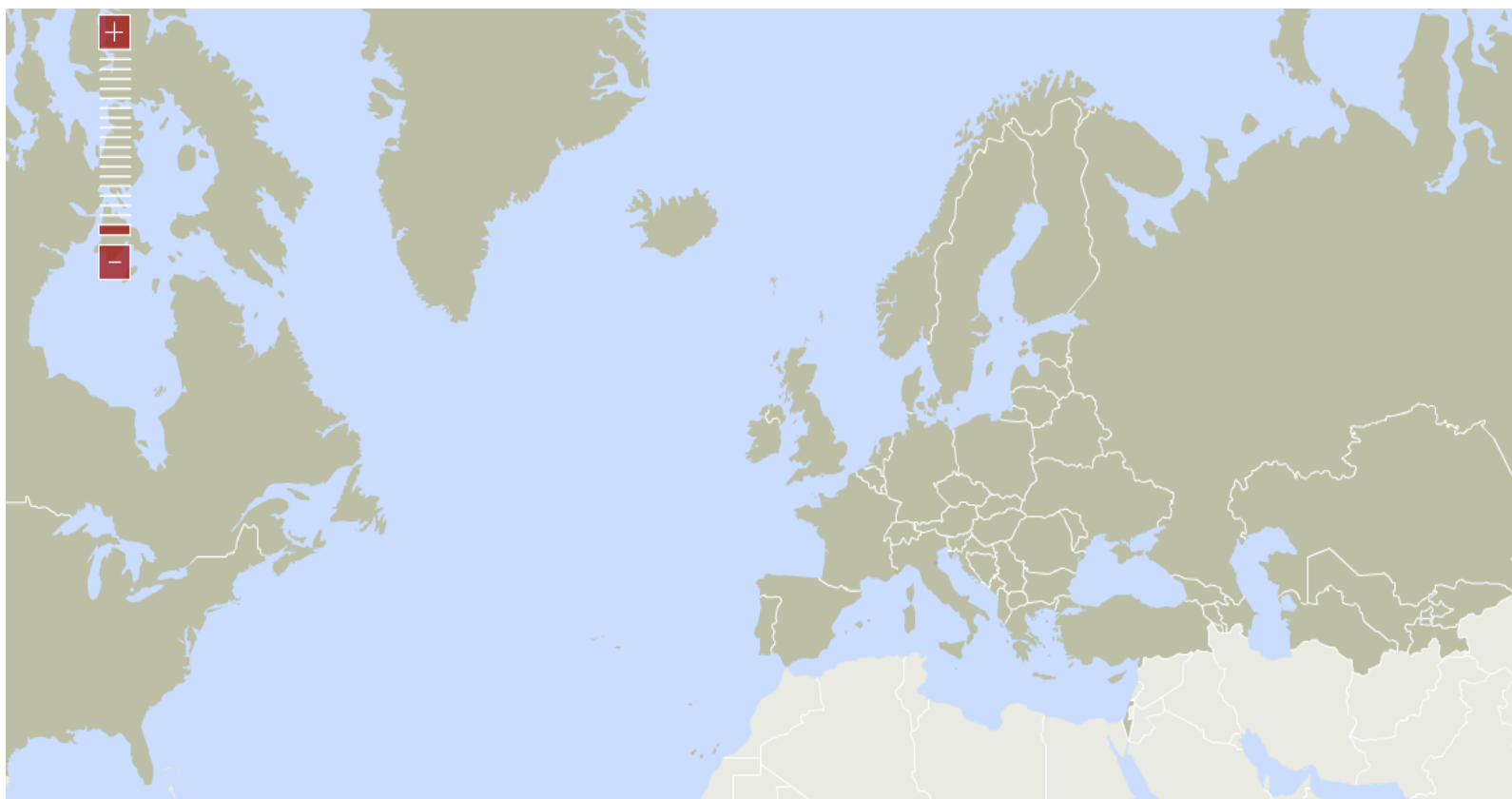
# Content

- Background
  - Ageing in UNECE region
  - International policy framework
- Active Ageing Index
  - About the project
  - Methodology
- AAI latest results and trends
- AAI results for Latvia



# Background

# UNECE member States



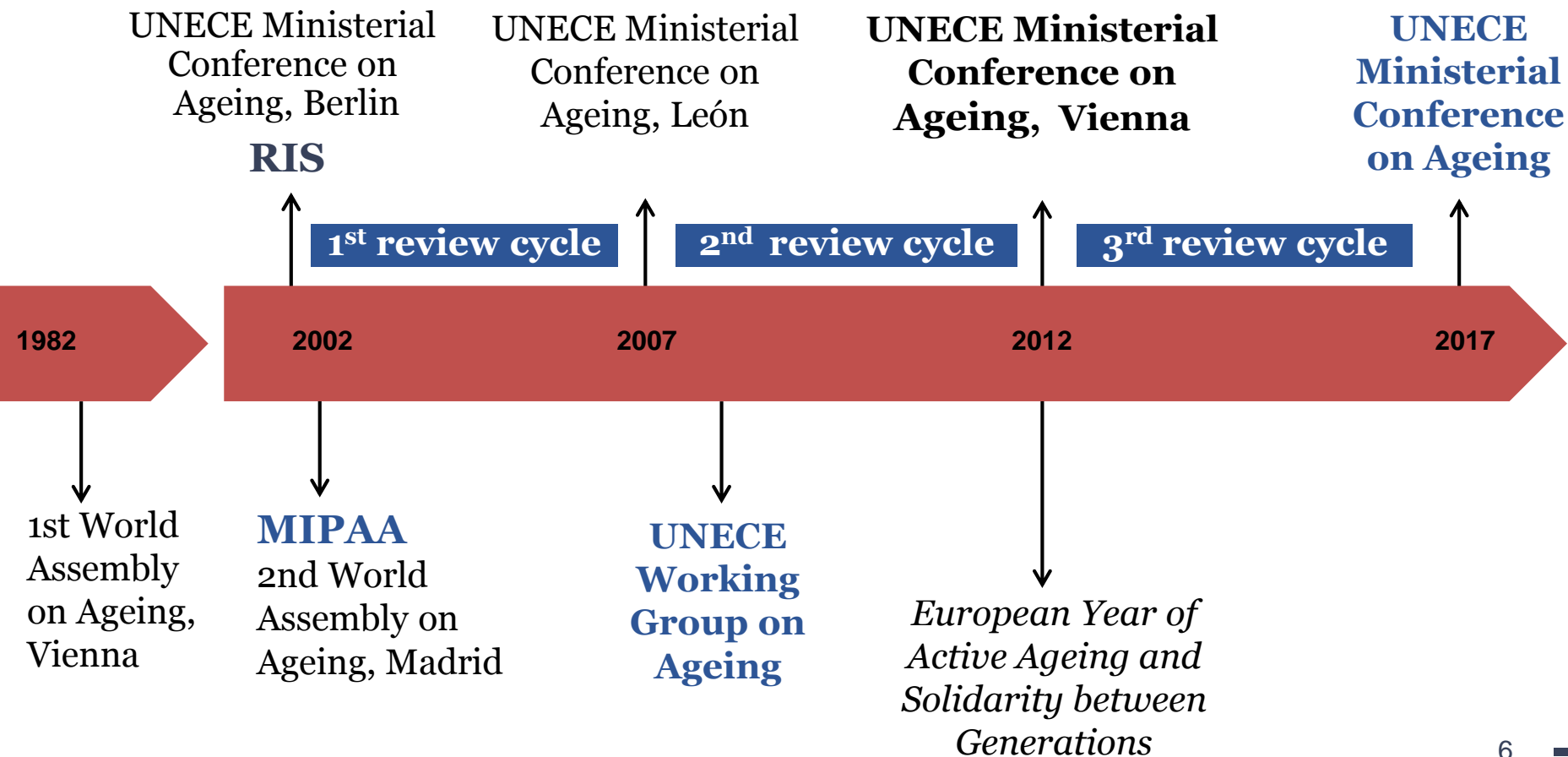
**56 states, 17 % of world population,  
~1/3 of world's 65+**



# A few facts on ageing population in UNECE region

- 186 million people are  $\geq 65$  years old
- Life expectancy is high but with important disparities between countries and between genders:
  - Women at birth: from 70 years to 85.2 years (Turkey – 72.3)
  - Men at birth: from 61 years to 80.2 years (Turkey – 68)
- Statutory retirement age and labour market exit age (LME):
  - 60 to 67 years for men / LME 62.2 years (2010)
  - 55 to 67 years for women / LME 61.5 years (2010)

# Policy response





# MIPAA/RIS

- both adopted in 2002
- provide main policy framework
- commitments in ten key areas
- **on-going monitoring & implementation review every five years**

## RIS 10 commitments

- ☐ Mainstreaming
- ☐ Participation
- ☐ Economic Growth
- ☐ Social Protection systems
- ☐ Labour Markets
- ☐ Life-long learning
- ☐ Quality of Life, Health and Well-Being
- ☐ Gender
- ☐ Intergenerational Solidarity
- ☐ Regional Cooperation

## Priority Directions for Policy Action

- Older persons and development
- Advancing health and wellbeing into old age
- Ensuring enabling and supportive environments
- Implementation and follow-up



# 2012 Vienna Ministerial Declaration goals

- Longer working life is encouraged and ability to work is maintained
- Participation, non-discrimination and social inclusion of older persons are promoted
- Dignity, health and independence in older age are promoted and safeguarded
- Intergenerational solidarity is maintained and enhanced





# Active Ageing Index Project

# AAI Project

## First Phase

January 2012 to  
February 2013

## Second Phase

October 2013 to  
December 2015

- managed jointly by United Nations Economic Commission for Europe (UNECE) and the European Commission's DG for Employment, Social Affairs and Inclusion (DG EMPL)
- main developer of AAI in 2012 — the European Centre for Social Welfare Policy and Research in Vienna
- research consultant: Professor Asghar Zaidi + University of Southampton, United Kingdom
- advised by the Expert Group on the Active Ageing Index



# Definition used

“Active ageing refers to the situation where people continue to participate in the formal labour market, as well as engage in other unpaid productive activities (such as care provision to family members and volunteering), and live healthy, independent and secure lives as they age.”



AAI

22  
indicators

4  
domains

OVERALL INDEX  
DOMAINS  
INDICATORS


## Active Ageing Index

The Active Ageing Index (AAI) is a tool to measure the untapped potential of older people for active and healthy ageing across countries. It measures the level to which older people live independent lives, participate in paid employment and social activities as well as their capacity to actively age.



### Employment

Employment Rate  
55-59

Employment Rate  
60-64

Employment Rate  
65-69

Employment Rate  
70-74


### Participation in Society

Voluntary activities

Care to children and  
grandchildren

Care to older adults

Political participation



### Independent, Healthy and Secure Living

Physical exercise

Access to health  
services

Independent living

Financial security  
(three indicators)

Physical safety

Lifelong learning



### Capacity and Enabling Environment for Active Ageing

Remaining life  
expectancy at age 55

Share of healthy life  
expectancy at age 55

Mental well-being

Use of ICT

Social connectedness

Educational  
attainment

Actual experiences of active ageing

Capacity to actively age



# AAI aims at

## serving as an evidence tool

- to monitor (and compare) active ageing outcomes at different levels: international, national, and subnational
- to indicate the untapped potential of older people for more active participation in economic and social life and for independent living
- to promote a more active role and greater autonomy of older people in ageing societies
- for mutual learning and advocacy of most appropriate policy measures



# Datasets used for AAI

- EU Labour Force Survey (EU-LFS)
- European Quality of Life Survey (EQLS)
- EU Survey of Income and Living Conditions (EU-SILC)
- European Social Survey (ESS)
- Eurostat ICT survey
- European Health & Life Expectancy Information system (EHLEIS)



# AAI coverage

## First Phase

- 2012 AAI for 27 EU countries
- Pilot study for Georgia

## Second Phase

- 2010, 2012, 2014 AAI for 28 EU countries + four non-EU countries
- Pilot studies for Serbia and Turkey



# 2014 AAI results for 28EU and trends








# 2014 AAI country ranking


2014 AAI	Country
44.9	Sweden
40.3	Denmark
40.0	Netherlands
39.7	UK
39.0	Finland
38.6	Ireland
35.8	France
35.7	Luxembourg
35.4	Germany
34.6	Estonia
34.4	Czech Rep.
34.2	Cyprus
34.1	Austria
34.0	Italy
33.9	EU28 avg.
33.7	Belgium
33.5	Portugal
32.6	Spain
31.6	Croatia
31.5	Latvia
31.5	Lithuania
31.5	Malta
29.9	Bulgaria
29.8	Slovenia
29.6	Romania
28.5	Slovakia
28.3	Hungary
28.1	Poland
27.6	Greece






  
 < Higher index value      Lower index value >





Rank	 Overall	 Employment	 Participation in society	 Independent living	 Capacity for active ageing
1	Sweden 44.9	Sweden 43.4	Ireland 24.1	Denmark 79.0	Sweden 69.2
2	Denmark 40.3	Estonia 39.7	Italy 24.1	Finland 79.0	Denmark 65.1
3	Netherlands 40.0	Denmark 35.8	Sweden 22.9	Netherlands 78.9	Luxembourg 63.6
4	UK 39.7	UK 35.8	France 22.8	Sweden 78.6	Netherlands 61.8
5	Finland 39.0	Germany 34.4	Netherlands 22.4	Luxembourg 76.7	UK 61.3
6	Ireland 38.6	Netherlands 33.9	Luxembourg 22.2	France 75.9	Finland 60.5
7	France 35.8	Finland 33.7	UK 21.6	Ireland 74.9	Belgium 60.3
8	Luxembourg 35.7	Portugal 32.6	Finland 20.5	Germany 74.4	Ireland 60.0
9	Germany 35.4	Latvia 32.0	Belgium 20.2	Slovenia 74.2	France 59.1
10	Estonia 34.6	Cyprus 31.4	Denmark 19.6	Austria 73.8	Austria 58.2
11	Czech Rep 34.4	Romania 31.0	Czech Rep 18.8	UK 73.7	Malta 57.1
12	Cyprus 34.2	Ireland 30.6	Croatia 18.7	Belgium 72.5	Spain 56.3
13	Austria 34.1	Lithuania 30.5	Austria 18.3	Czech Rep. 71.2	Germany 55.8
14	Italy 34.0	Czech Rep. 28.0	Cyprus 18.0	Malta 70.1	Czech Rep. 54.3
15	Belgium 33.7	Bulgaria 25.1	Spain 17.8	Spain 69.8	Italy 53.4
16	Portugal 33.5	Austria 24.7	Malta 17.3	Croatia 69.5	Croatia 52.8
17	Spain 32.6	France 24.1	Slovenia 16.3	Italy 69.0	Bulgaria 52.2
18	Croatia 31.6	Spain 23.3	Hungary 15.4	Hungary 68.0	Portugal 52.1
19	Latvia 31.5	Italy 23.0	Lithuania 14.7	Cyprus 68.0	Cyprus 50.4
20	Lithuania 31.5	Poland 22.4	Portugal 14.1	Estonia 67.3	Slovenia 50.0
21	Malta 31.5	Slovakia 21.9	Latvia 13.8	Portugal 67.3	Latvia 48.2
22	Bulgaria 29.9	Luxembourg 21.9	Slovakia 13.7	Lithuania 66.2	Poland 47.9
23	Slovenia 29.8	Croatia 21.7	Greece 13.7	Slovakia 65.8	Estonia 47.5
24	Romania 29.6	Belgium 21.0	Germany 13.6	Poland 64.9	Slovakia 47.1
25	Slovakia 28.5	Greece 20.4	Estonia 12.8	Greece 64.9	Hungary 46.9
26	Hungary 28.3	Malta 20.1	Romania 12.7	Bulgaria 62.7	Greece 45.8
27	Poland 28.1	Hungary 19.3	Bulgaria 12.5	Romania 61.8	Lithuania 45.3
28	Greece 27.6	Slovenia 19.1	Poland 12.1	Latvia 58.7	Romania 40.9
	EU28 avg. 33.9	27.8	17.7	70.6	54.1

The goalpost 57.5

The goalpost 54.2

The goalpost 40.6

The goalpost 87.7

The goalpost 77.7

None of the countries scores best in all the domains

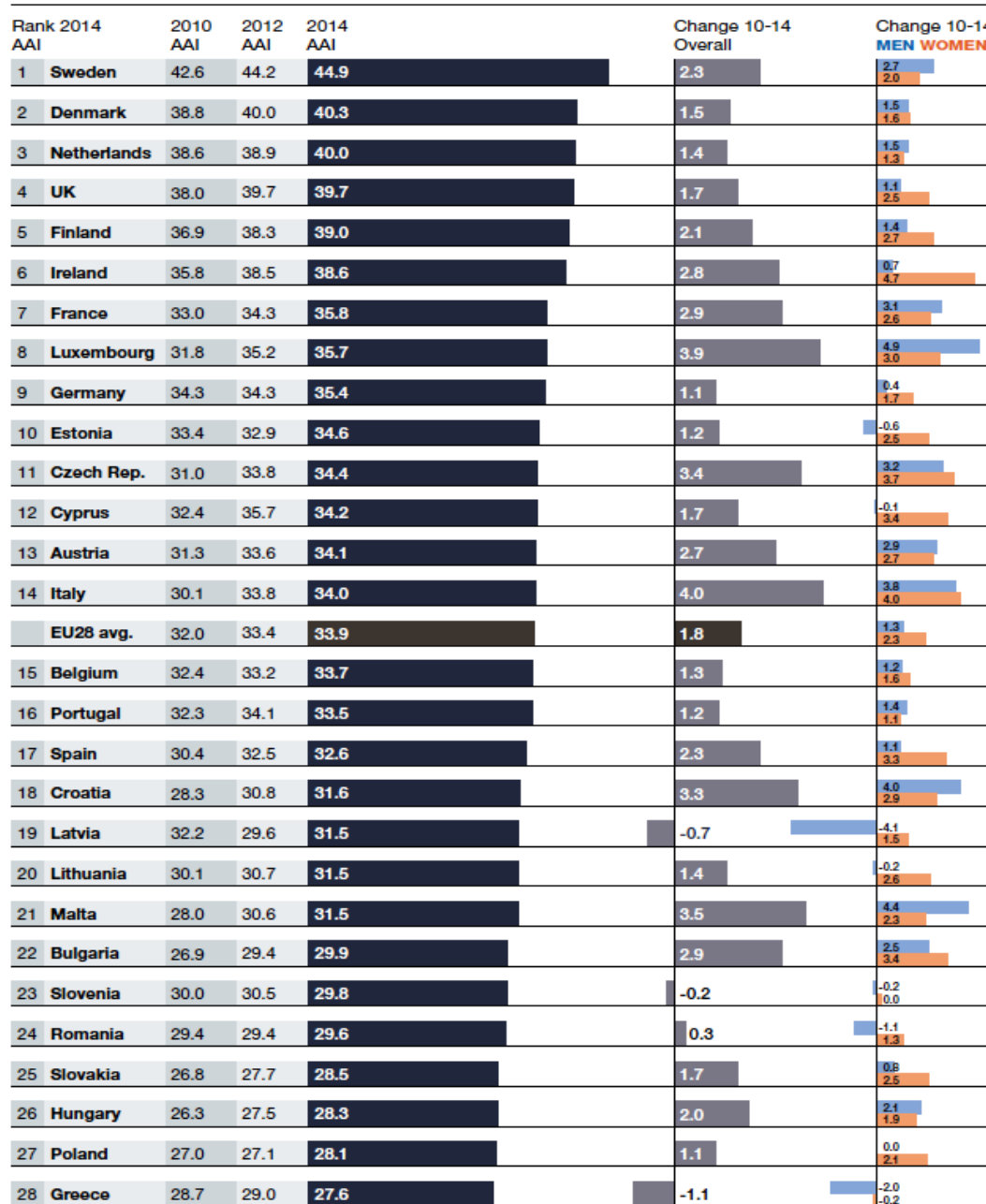
Even the top ranked countries are behind the goalposts



Rank 2014-AAI	Gender gap 2014			
	Employment	Participation in society	Independent living	Capacity for active ageing
1 Sweden	7.1	0.8	1.9	0.7
2 Denmark	9.1	2.6	0.2	0.5
3 Netherlands	13.8	1.9	2.4	2.1
4 UK	10.6	1.7	1.5	1.5
5 Finland	1.5	3.4	2.2	2.8
6 Ireland	12.3	3.8	3.4	0.3
7 France	3.8	2.1	4.0	1.8
8 Luxembourg	7.6	8.9	2.8	3.0
9 Germany	9.3	1.9	3.3	0.5
10 Estonia	0.8	1.8	3.0	6.1
11 Czech Rep	12.4	4.1	1.7	1.9
12 Cyprus	18.1	1.0	2.8	6.1
13 Austria	11.0	2.1	0.9	1.8
14 Italy	13.1	0.5	2.7	2.6
EU28 avg	9.5	0.1	2.8	0.5
15 Belgium	7.6	3.0	3.9	1.3
16 Portugal	11.2	0.0	2.5	2.8
17 Spain	8.5	2.2	2.8	1.4
18 Croatia	11.6	1.5	4.5	2.1
19 Latvia	2.4	6.3	3.8	1.2
20 Lithuania	5.3	2.0	1.9	2.6
21 Malta	22.9	1.1	1.2	1.5
22 Bulgaria	6.0	0.4	7.5	0.5
23 Slovenia	9.2	1.7	2.5	0.3
24 Romania	10.5	1.6	4.0	2.9
25 Slovakia	10.6	1.3	2.7	1.1
26 Hungary	6.0	0.6	2.9	1.3
27 Poland	12.5	2.3	3.2	2.0
28 Greece	13.1	3.7	3.4	3.2

## Gender gap:

- shows the difference between scores for women and men
- indicates potential for improvement: active ageing should be equally possible for women and men
- varies significantly across domains, the largest gender gap being observed in the first domain



## 2010–2014 AAI

A two-point rise on average over the four-year period

For nine countries the increase is of about three points or more



# Results for Latvia



# AAI

## Changes in the overall AAI, between 2010 AAI, 2012 AAI and 2014 AAI

### Active Ageing Index 2010, 2012 and 2014-AAI

Rank	2014 AAI	2010 AAI	2012 AAI	2014 AAI	Change 10-14 Overall	Change 10-14 MEN WOMEN
1	Sweden	42.6	44.2	44.9	2.3	2.7 2.0
2	Denmark	38.8	40.0	40.3	1.5	1.5 1.6
3	Netherlands	38.6	38.9	40.0	1.4	1.5 1.3
4	UK	38.0	39.7	39.7	1.7	1.1 2.5
5	Finland	36.9	38.3	39.0	2.1	1.4 2.7
6	Ireland	35.8	38.5	38.6	2.8	0.7 4.7
7	France	33.0	34.3	35.8	2.9	3.1 2.6
8	Luxembourg	31.8	35.2	35.7	3.9	4.9 3.0
9	Germany	34.3	34.3	35.4	1.1	0.4 1.7
10	Estonia	33.4	32.9	34.6	1.2	-0.6 2.5
11	Czech Rep.	31.0	33.8	34.4	3.4	3.2 3.7
12	Cyprus	32.4	35.7	34.2	1.7	-0.1 3.4
13	Austria	31.3	33.6	34.1	2.7	2.9 2.7
14	Italy	30.1	33.8	34.0	4.0	3.8 4.0
EU28 avg.					1.8	1.3 2.3
15	Belgium	32.4	33.2	33.7	1.3	1.2 1.6
16	Portugal	32.3	34.1	33.5	1.2	1.4 1.1
17	Spain	30.4	32.5	32.6	2.3	1.1 3.3
18	Croatia	28.3	30.8	31.6	3.3	4.0 2.9
19	Latvia	32.2	29.6	31.5	-0.7	-4.1 1.5
20	Lithuania	30.1	30.7	31.5	1.4	-0.2 2.6
21	Malta	28.0	30.6	31.5	3.5	4.4 2.3
22	Bulgaria	26.9	29.4	29.9	2.9	2.5 3.4
23	Slovenia	30.0	30.5	29.8	-0.2	-0.2 0.0
24	Romania	29.4	29.4	29.6	0.3	-1.1 1.3
25	Slovakia	26.8	27.7	28.5	1.7	0.8 2.5
26	Hungary	26.3	27.5	28.3	2.0	2.1 1.9
27	Poland	27.0	27.1	28.1	1.1	0.0 2.1
28	Greece	28.7	29.0	27.6	-1.1	-2.0 -0.2

The goalpost 56.4



# Employment

## Changes in domain-specific score for the 1st domain 'Employment', between the 2010 AAI, 2012 AAI and 2014 AAI

### Employment 2010, 2012 and 2014-AAI

Rank 2014 AAI	2010 AAI	2012 AAI	2014 AAI	Change 10-14 Overall	Change 10-14 MEN WOMEN	
1	Sweden	40.8	41.6	43.4	2.6	2.5 2.7
2	Estonia	38.6	34.3	39.7	1.1	-2.5 -3.7
3	Denmark	34.1	34.0	35.8	1.8	0.7 2.8
4	UK	34.9	35.5	35.8	0.9	-0.2 1.9
5	Germany	28.8	31.2	34.4	5.6	5.5 5.8
6	Netherlands	30.3	31.4	33.9	3.6	3.4 3.8
7	Finland	31.4	32.0	33.7	2.3	1.2 3.4
8	Portugal	36.6	35.3	32.6	-3.9	-4.2 -3.6
9	Latvia	38.8	28.3	32.0	-6.8	-11.0 -3.8
10	Cyprus	34.6	36.1	31.4	-3.2	-7.4 0.6
11	Romania	33.6	31.4	31.0	-2.7	-3.2 -2.2
12	Ireland	33.4	31.0	30.6	-2.9	-6.4 0.7
13	Lithuania	30.2	27.3	30.5	0.3	-1.8 2.9
14	Czech Rep.	26.6	26.4	28.0	1.4	-0.5 3.0
	EU28 avg.	27.2	27.0	27.8	0.6	-0.6 2.0
15	Bulgaria	25.8	24.6	25.1	-0.6	-3.8 2.1
16	Austria	23.5	24.6	24.7	1.2	0.4 1.9
17	France	19.3	20.9	24.1	4.8	5.3 4.4
18	Spain	24.4	23.3	23.3	-1.1	-4.8 2.6
19	Italy	19.6	20.9	23.0	3.4	2.9 3.9
20	Poland	18.3	19.9	22.4	4.1	3.5 4.6
21	Slovakia	19.3	20.1	21.9	2.7	-0.5 5.1
22	Luxembourg	18.3	21.1	21.9	3.6	4.3 2.8
23	Croatia	21.7	22.3	21.7	0.0	0.4 -0.1
24	Belgium	18.1	19.8	21.0	2.9	2.1 3.9
25	Greece	24.9	24.4	20.4	-4.5	-7.9 -1.4
26	Malta	16.5	18.7	20.1	3.6	5.4 1.2
27	Hungary	16.4	17.8	19.3	2.9	2.4 3.4
28	Slovenia	19.3	21.6	19.1	-0.2	-1.5 1.1

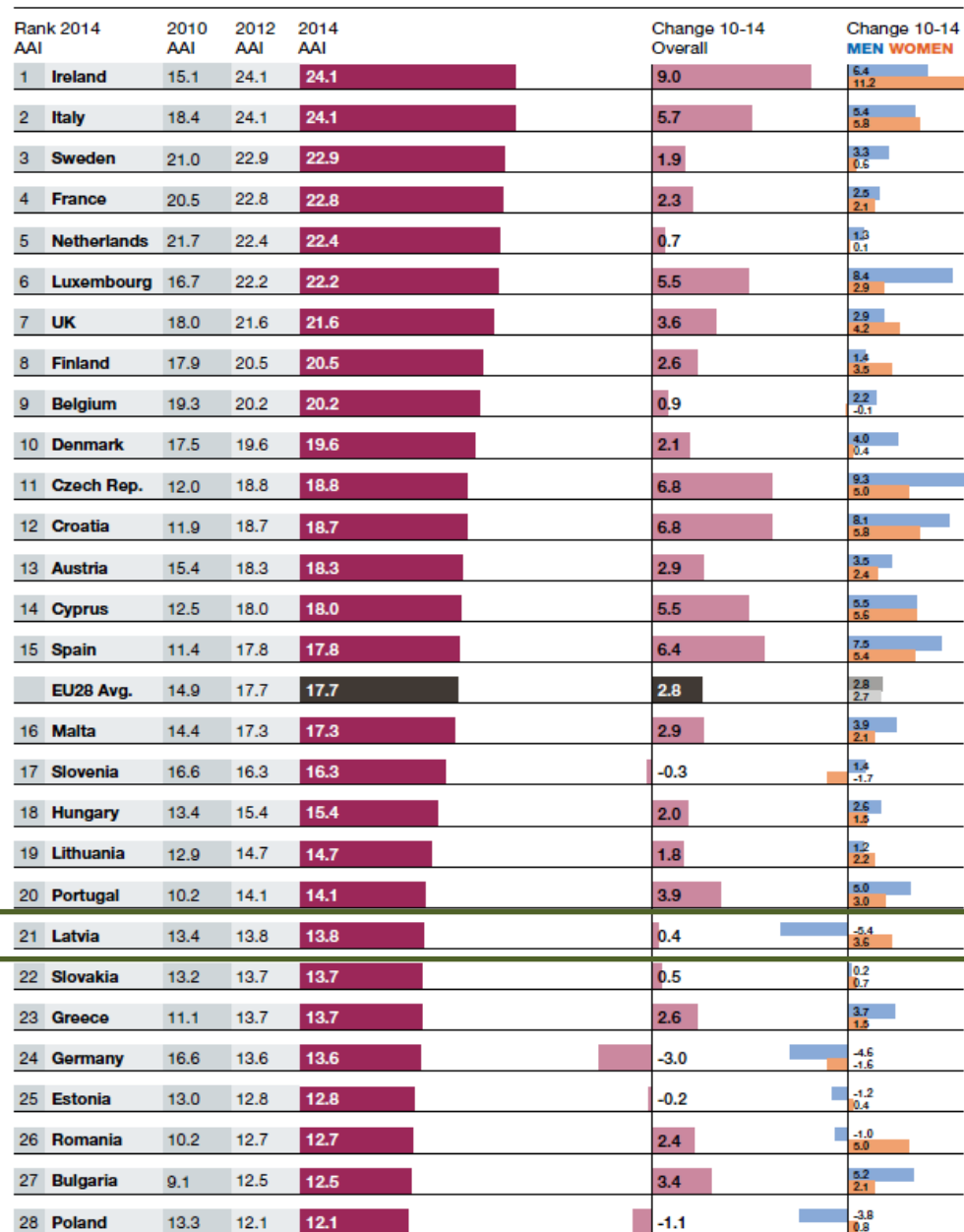




# Participation in Society

## Changes in domain-specific score for the 2nd domain 'Social Participation', between the 2010 AAI, 2012 AAI and 2014 AAI

### Participation in society 2010, 2012 and 2014-AAI







# Independent, Healthy and Secure Living

Changes in domain-specific score for the 3rd domain 'Independent, healthy and secure living', between the 2010 AAI, 2012 AAI and 2014 AAI

 Independent, healthy and secure living 2010, 2012 and 2014-AAI

Rank 2014 AAI		2010 AAI	2012 AAI	2014 AAI		Change 10-14 Overall		Change 10-14 MEN WOMEN
1	Denmark	78.3	78.9	79.0		0.7		0.0 1.3
2	Finland	78.6	78.6	79.0		0.4		0.0 0.7
3	Netherlands	77.8	78.5	78.9		1.1		1.3 0.7
4	Sweden	77.4	78.5	78.6		1.3		0.8 1.7
5	France	75.3	75.3	75.9		0.6		-0.2 0.8
6	Luxembourg	75.2	74.9	75.7		0.5		0.2 0.6
7	Ireland	73.9	74.3	74.9		0.9		1.5 0.3
8	Germany	74.0	74.4	74.4		0.4		0.2 0.8
9	Slovenia	70.9	74.0	74.2		3.4		2.6 4.1
10	Austria	71.7	73.2	73.8		2.1		2.4 2.1
11	UK	72.3	74.3	73.7		1.4		2.0 2.6
12	Belgium	73.6	73.1	72.5		-1.1		-0.7 -1.5
13	Czech Rep.	69.9	70.8	71.2		1.3		0.6 1.6
	EU28 avg.	68.7	69.6	70.6		1.9		1.7 1.9
14	Malta	70.8	69.4	70.1		-0.7		-0.9 -0.4
15	Spain	67.5	68.9	69.8		2.3		3.1 2.0
16	Croatia	64.4	64.8	69.5		5.0		5.3 3.5
17	Italy	67.9	69.1	69.0		1.1		0.9 1.2
18	Hungary	67.8	68.6	68.0		0.2		0.5 0.1
19	Cyprus	66.3	66.1	68.0		1.6		0.8 2.6
20	Estonia	64.1	69.6	67.3		3.2		2.8 3.3
21	Portugal	66.9	66.4	67.3		0.4		0.5 0.6
22	Lithuania	62.3	67.3	66.2		3.9		2.1 4.6
23	Slovakia	66.9	66.4	65.8		-1.1		-0.8 -1.6
24	Poland	65.9	64.9	64.9		-0.9		-0.3 -1.2
25	Greece	63.7	64.4	64.8		1.1		1.2 1.0
26	Bulgaria	51.2	60.4	62.7		11.5		12.8 10.9
27	Romania	56.7	60.2	61.7		5.0		4.5 4.6
28	Latvia	52.2	57.2	58.7		6.5		5.6 6.7

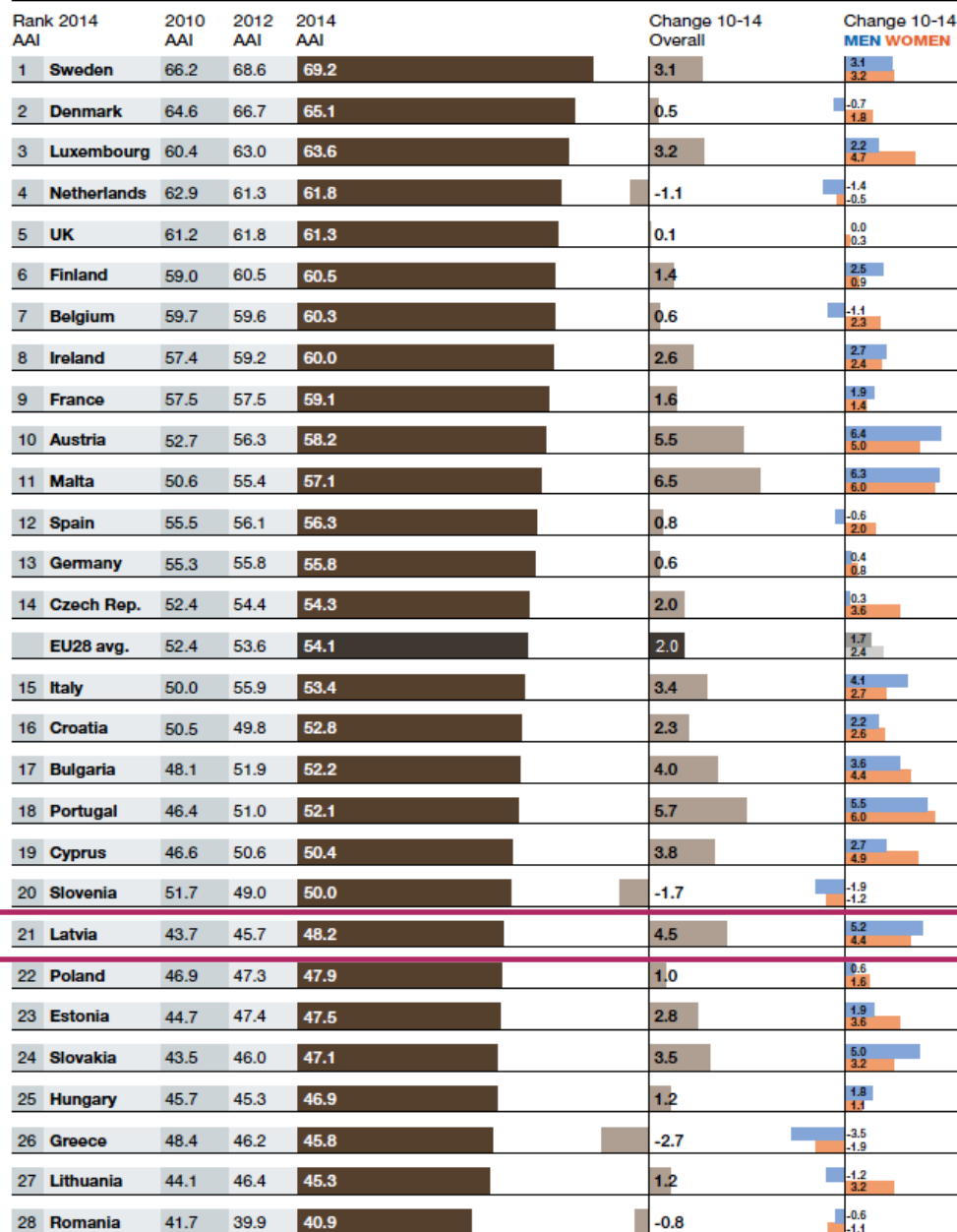




# Capacity and Enabling Environment for Active Ageing

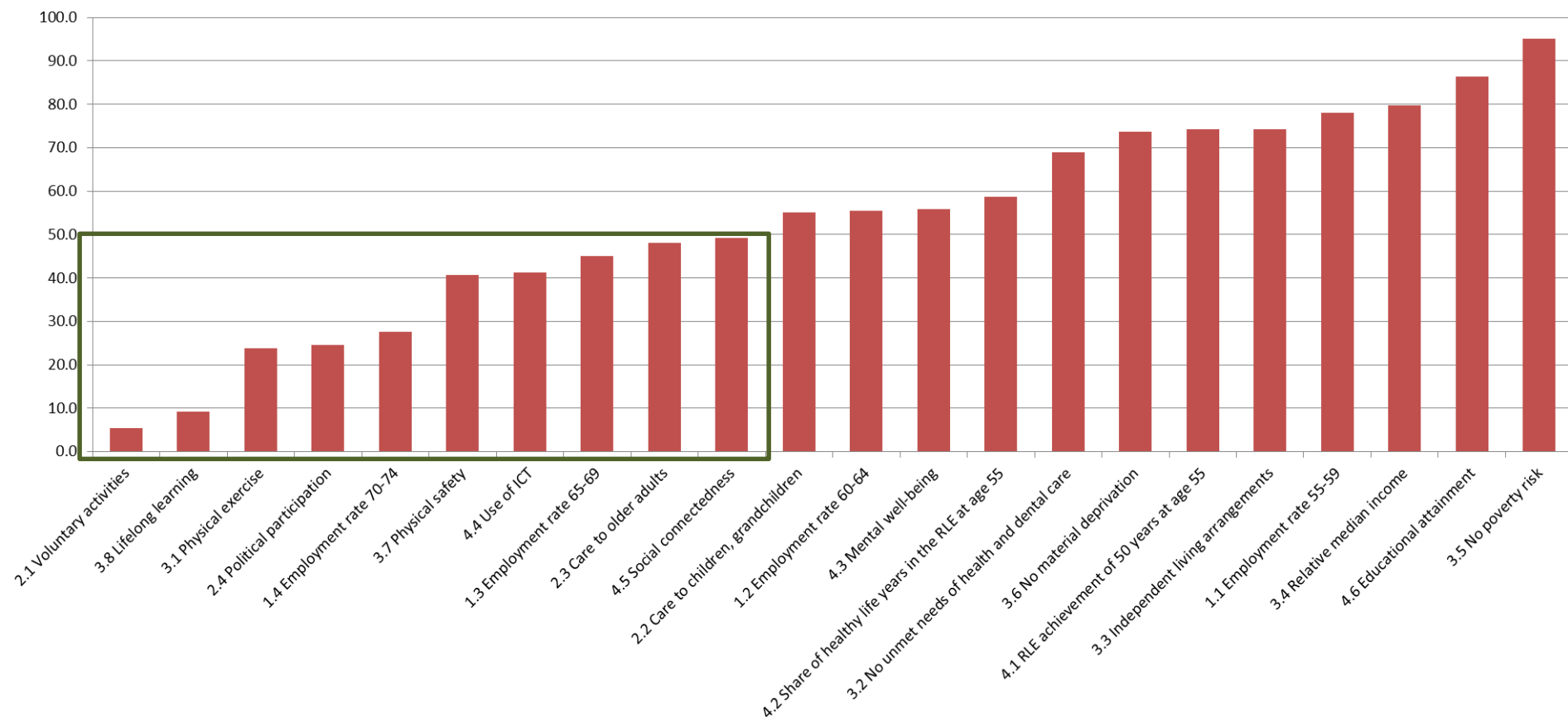
## Changes in domain-specific score for the 4th domain 'Capacity and enabling environment for active ageing', between the 2010 AAI, 2012 AAI and 2014 AAI

### Capacity and enabling environment for active ageing 2010, 2012 and 2014-AAI

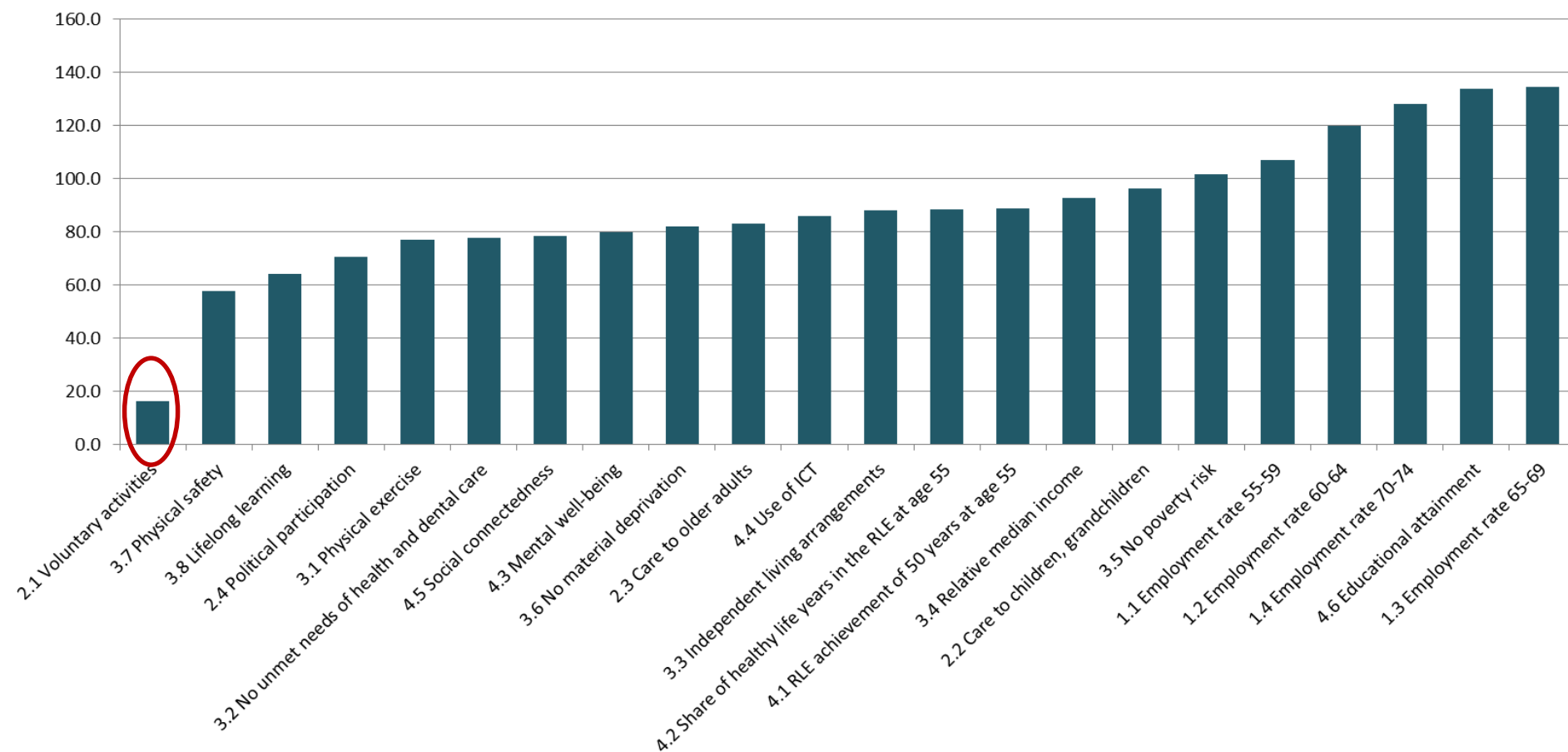




# Individual indicators as a percentage of goalposts

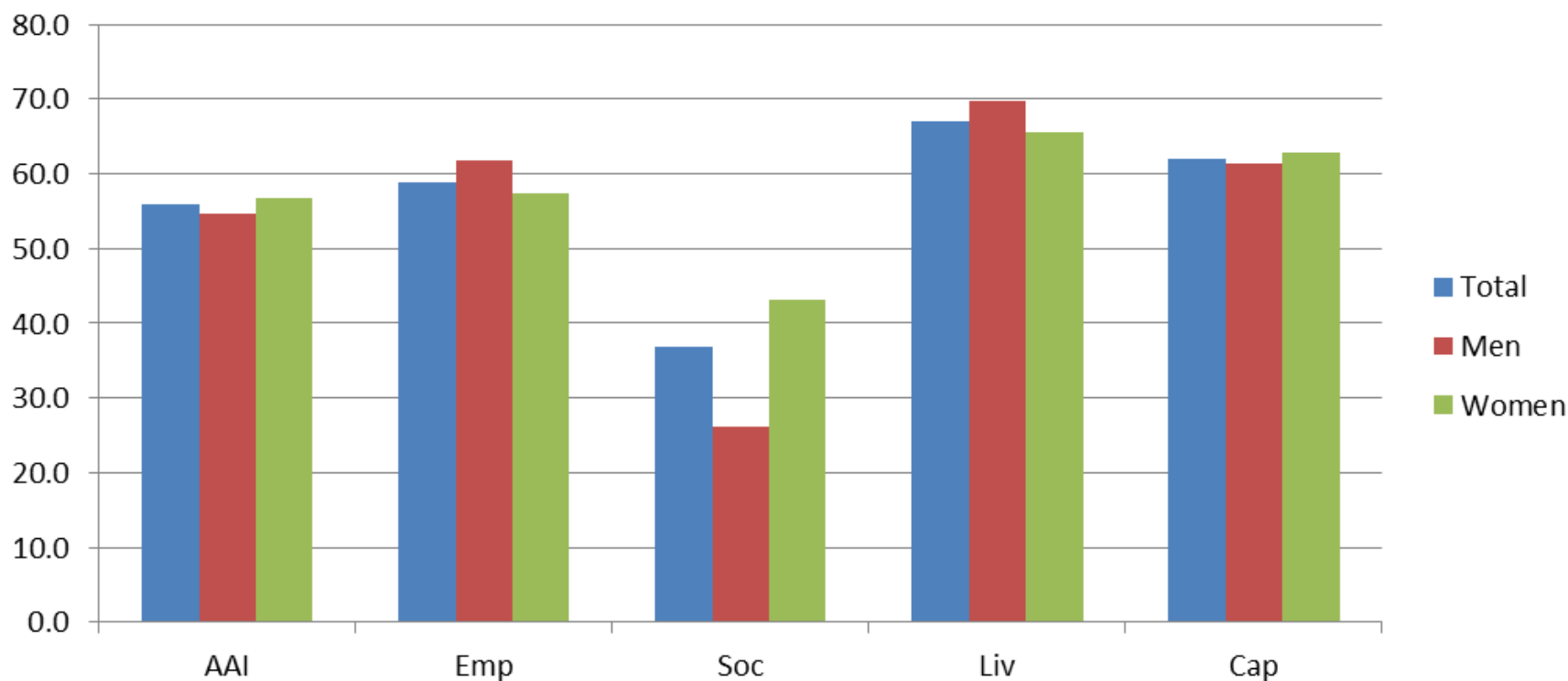


# Individual indicators as a percentage of EU-average



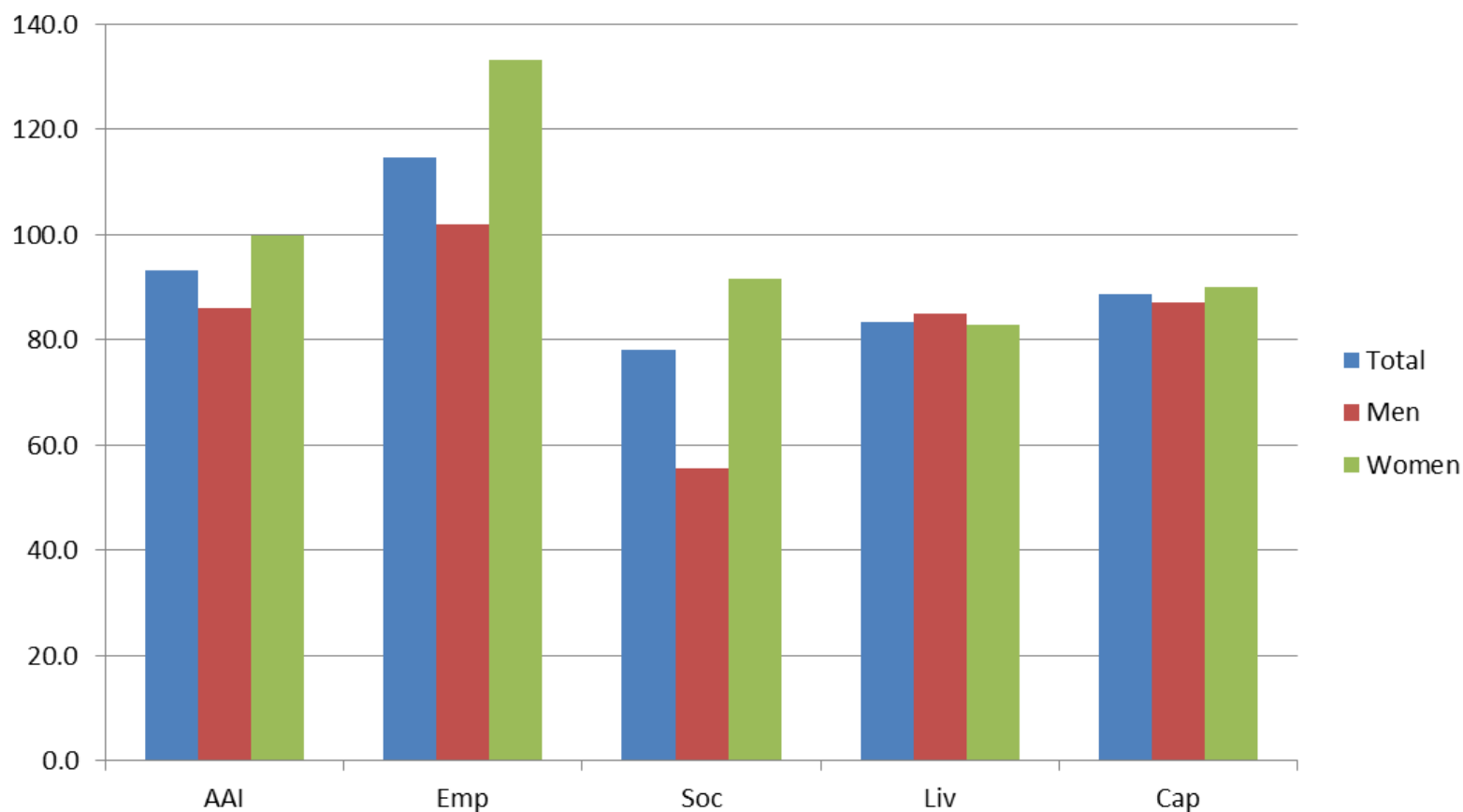


# Domain scores and overall AAI as a percentage of goalposts





# Domain scores and overall AAI as a percentage of EU-average





# For more information



# AAI Wiki

## Active Ageing Index 2014 Analytical Report

April 2015



## AAI 2014

Active Ageing Index  
28 European Union Countries





# Thank you for your attention

<http://www1.unece.org/stat/platform/display/AAI/Active+Ageing+Index+Home>

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