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# **The Drivers of Population Ageing in Central and Eastern Europe**

**30th Anniversary of the Institute for  
Demography and Statistics  
Warsaw School of Economics**

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## *Outline*

1. The drivers of population ageing
2. Demographic trends in Central and Eastern Europe
3. Effects on population structure in CEE

Source: Hoff, A. (2008): Population Ageing in Central and Eastern Europe as an Outcome of the Socio-economic Transition to Capitalism. *Socialinis darbas [Lithuanian Journal of Social Work]*, 8(2): 14-25.





# 1. The Drivers of Population Ageing





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## 1. Drivers of population ageing

### 1. Mortality

- (rising) life expectancy → more older people

### 2. Fertility

- (declining) birth rates → fewer younger people

### 3. Migration patterns

- number and age of immigrants/emigrants





## 2.

# Demographic Trends in Central and Eastern Europe





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**(I)**

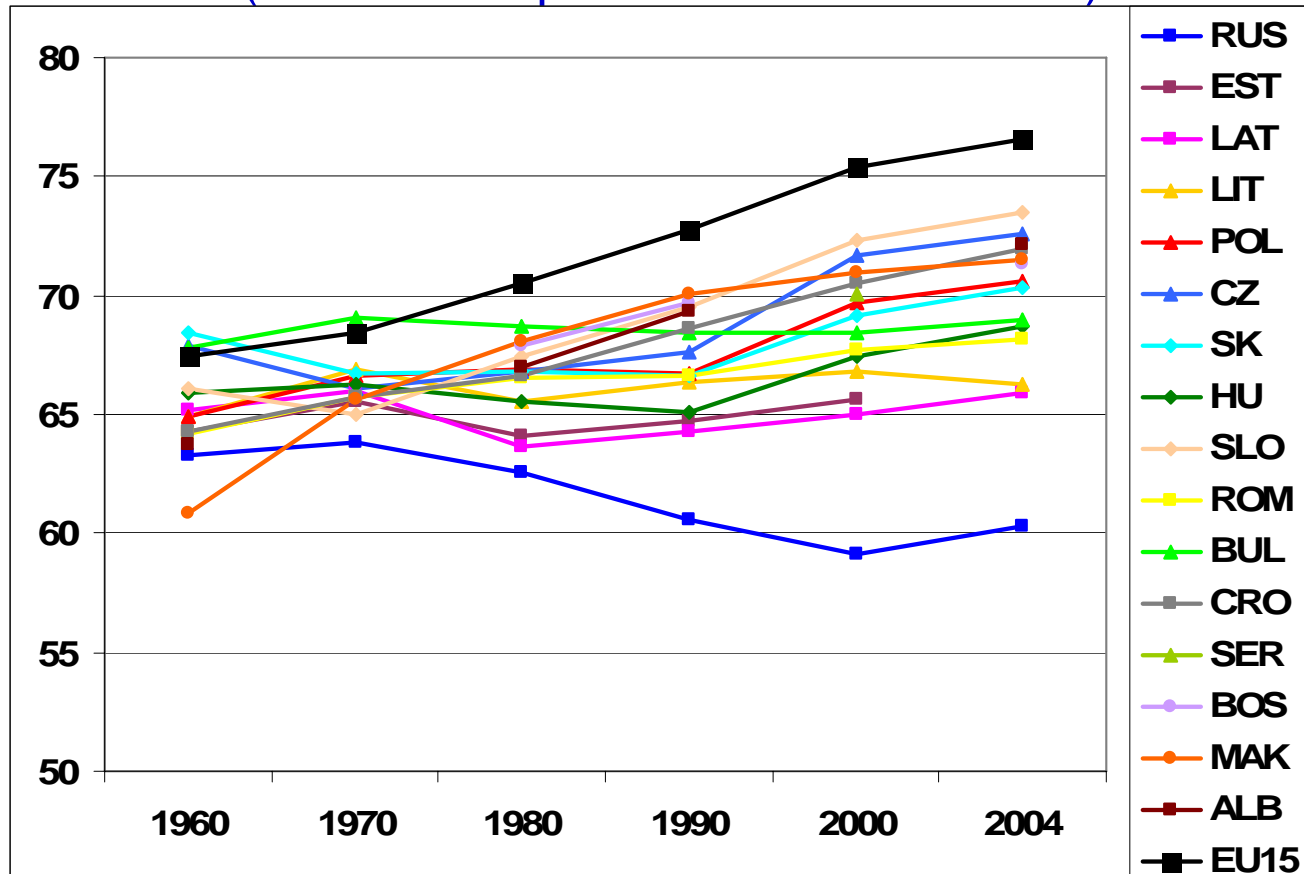
## **Mortality (life expectancy)**





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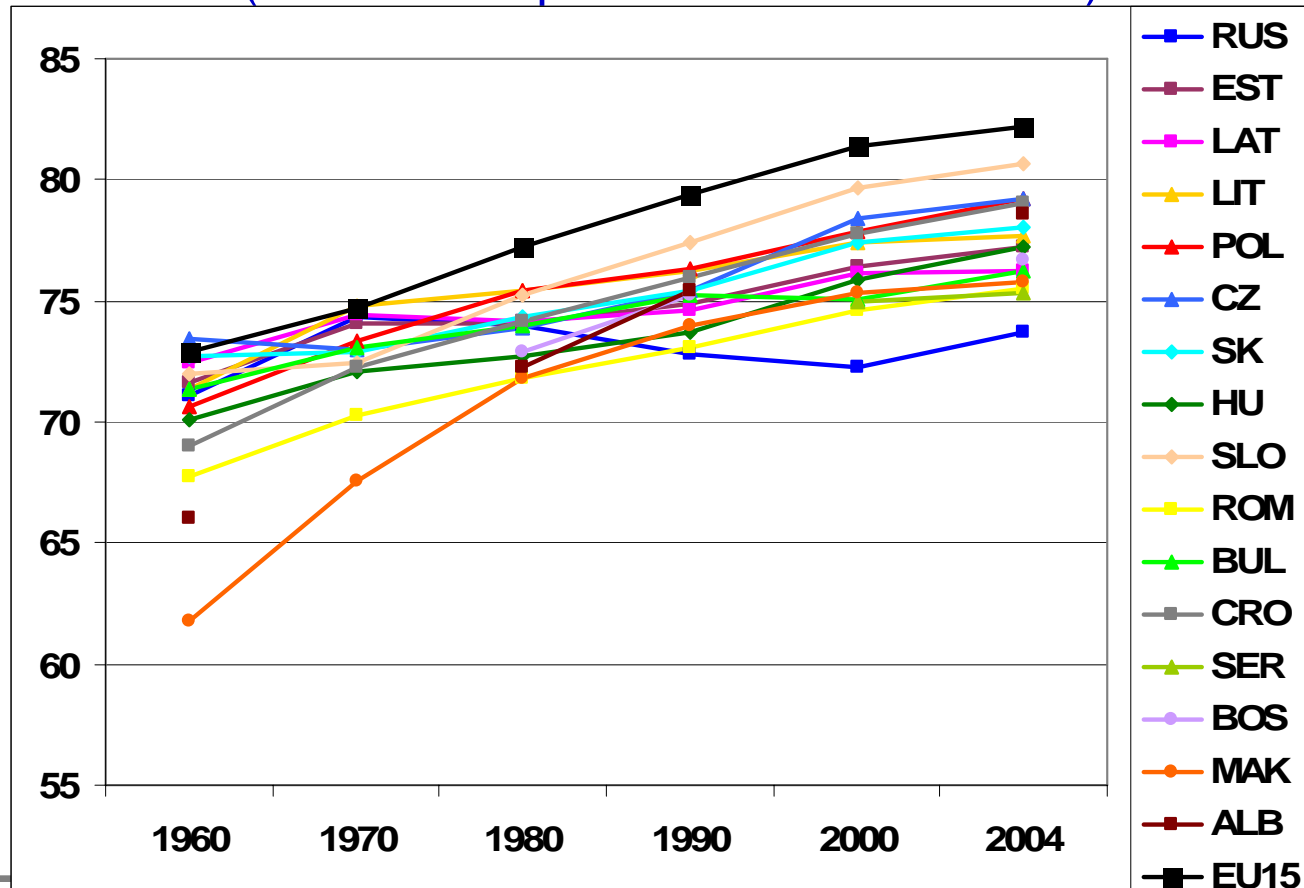
## Male life expectancy at birth (Eurostat Population Statistics 2006)





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## Female life expectancy at birth (Eurostat Population Statistics 2006)







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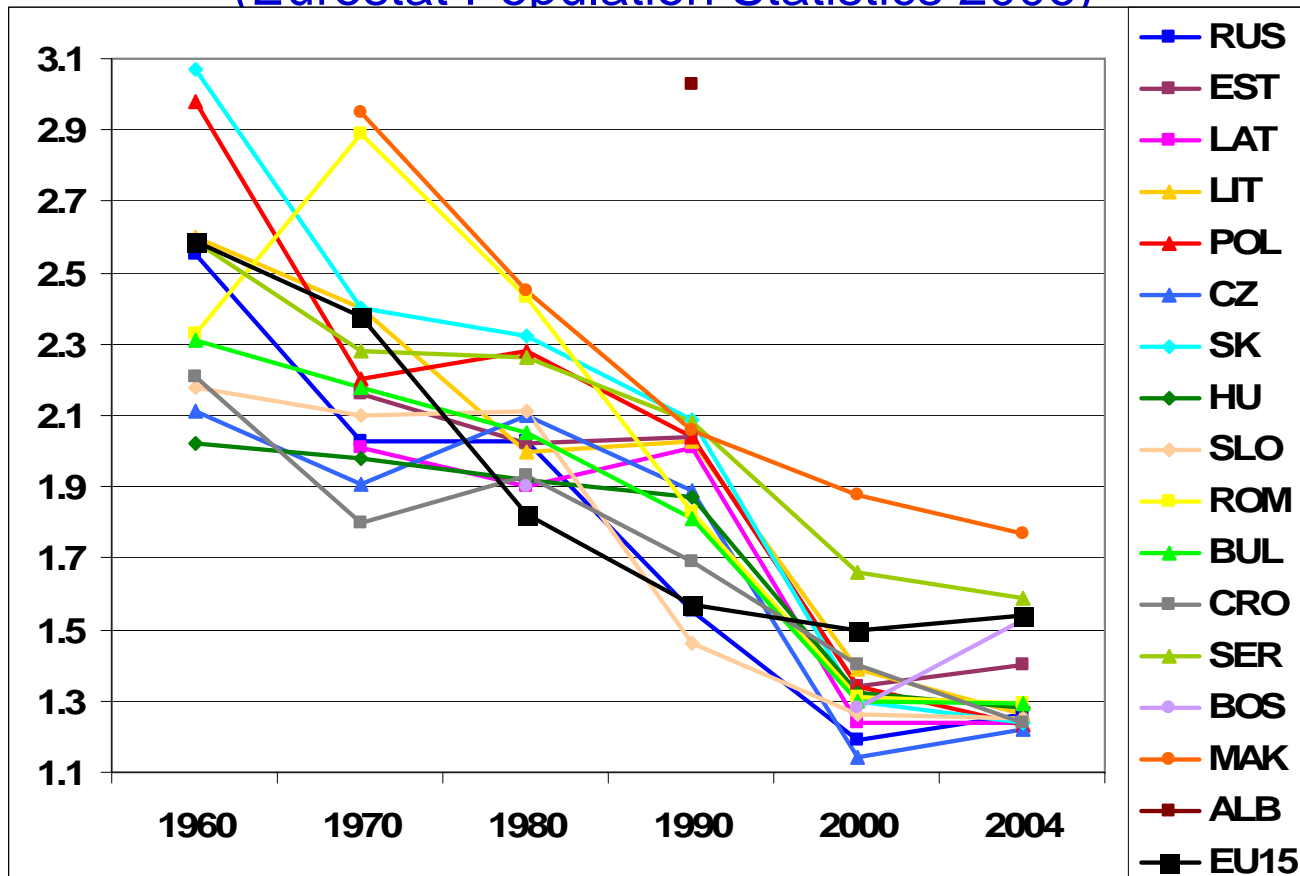
## (II) Fertility





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## Total fertility rates (Eurostat Population Statistics 2006)





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**(III)**

**Migration**





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## Nature and age structure of migration

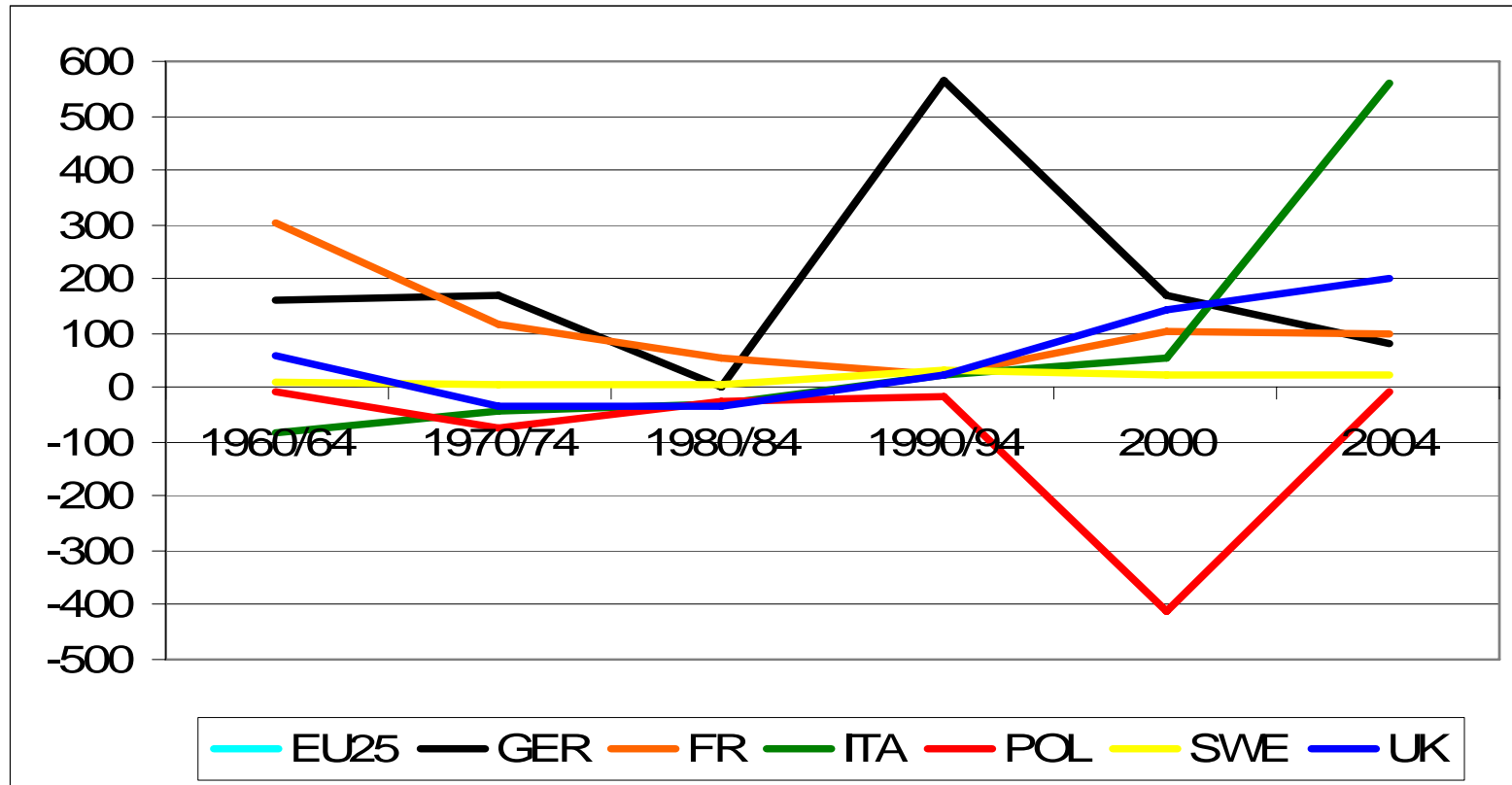
	<b>Emigration</b>	<b>Immigration</b>
<b>Young migrants</b>	<b>A</b>	<b>B</b>
<b>Old migrants</b>	<b>C</b>	<b>D</b>





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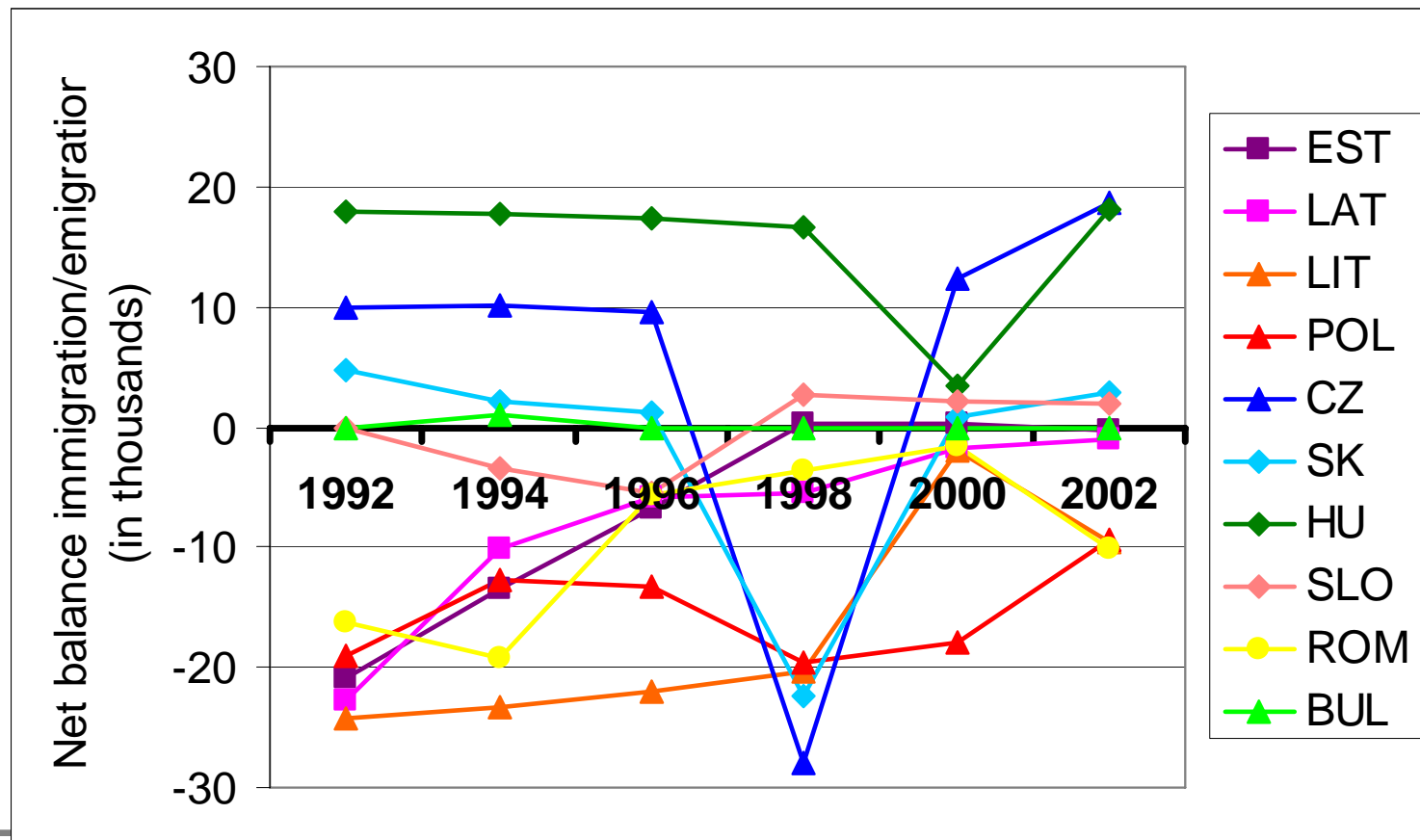
## Net migration (+ immigration, - emigration) (Eurostat Population Statistics 2006)





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## Net migration (+ immigration, - emigration) (Eurostat Population Statistics 2006)





## 3.

# Effects on Population Structure in CEE





**(I)**

## **Population share of older people**

- **Percentage of total population aged 60+**

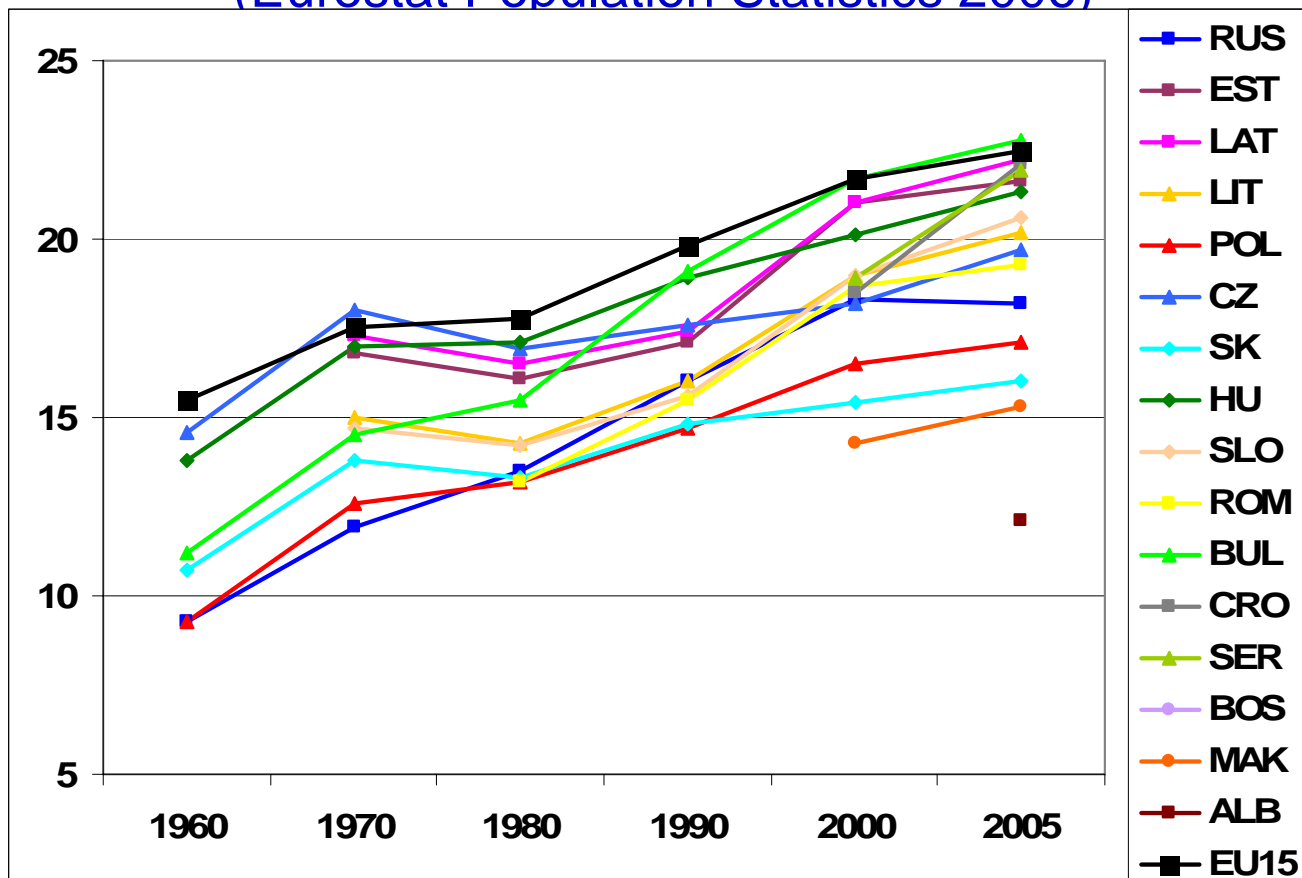






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## Proportion of 60+ (Eurostat Population Statistics 2006)





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(II)

## Old-age dependency ratio

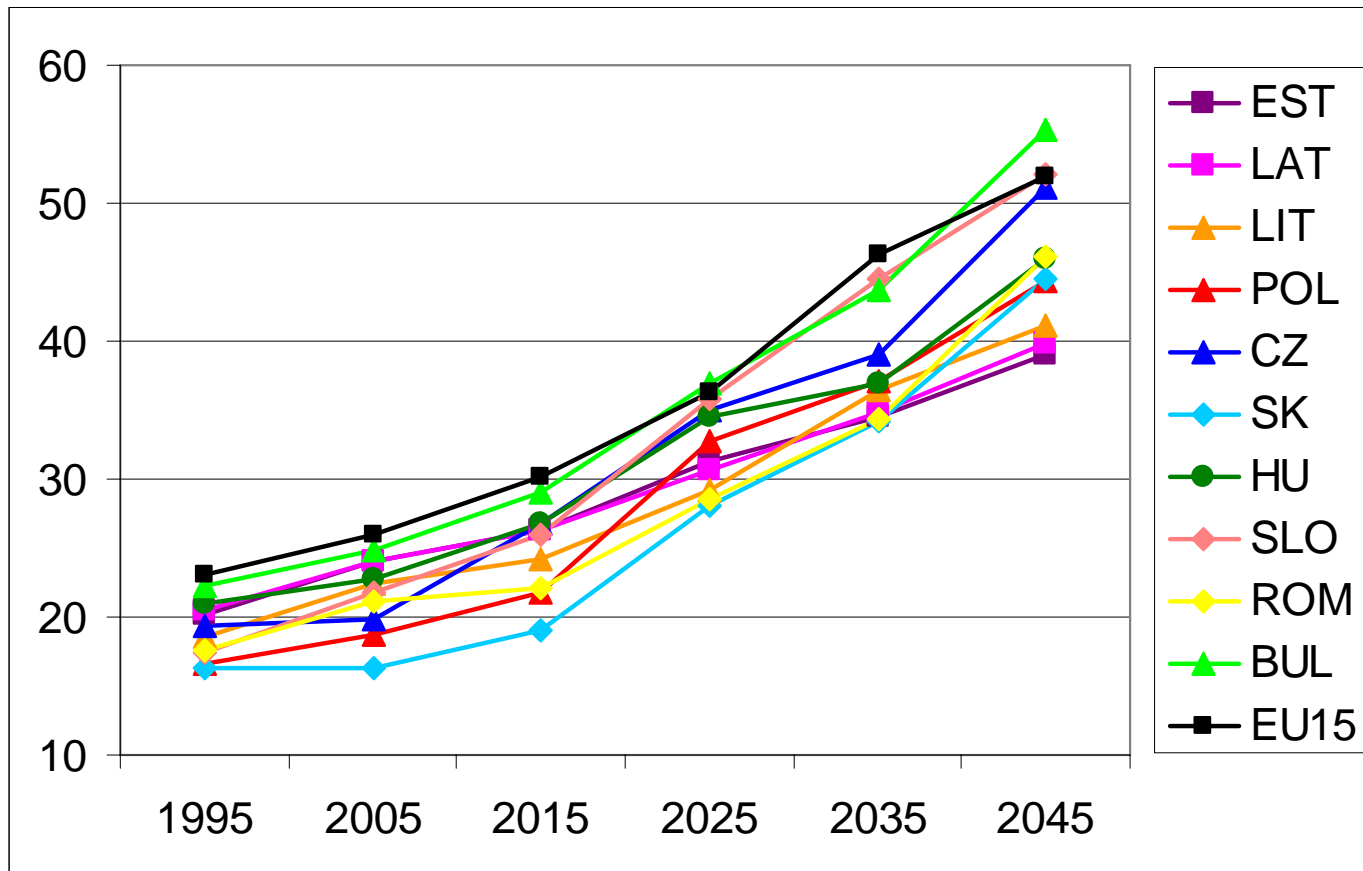
= number of 65+ per 100 aged 15-64





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## Old-age dependency ratio (Eurostat 2005)





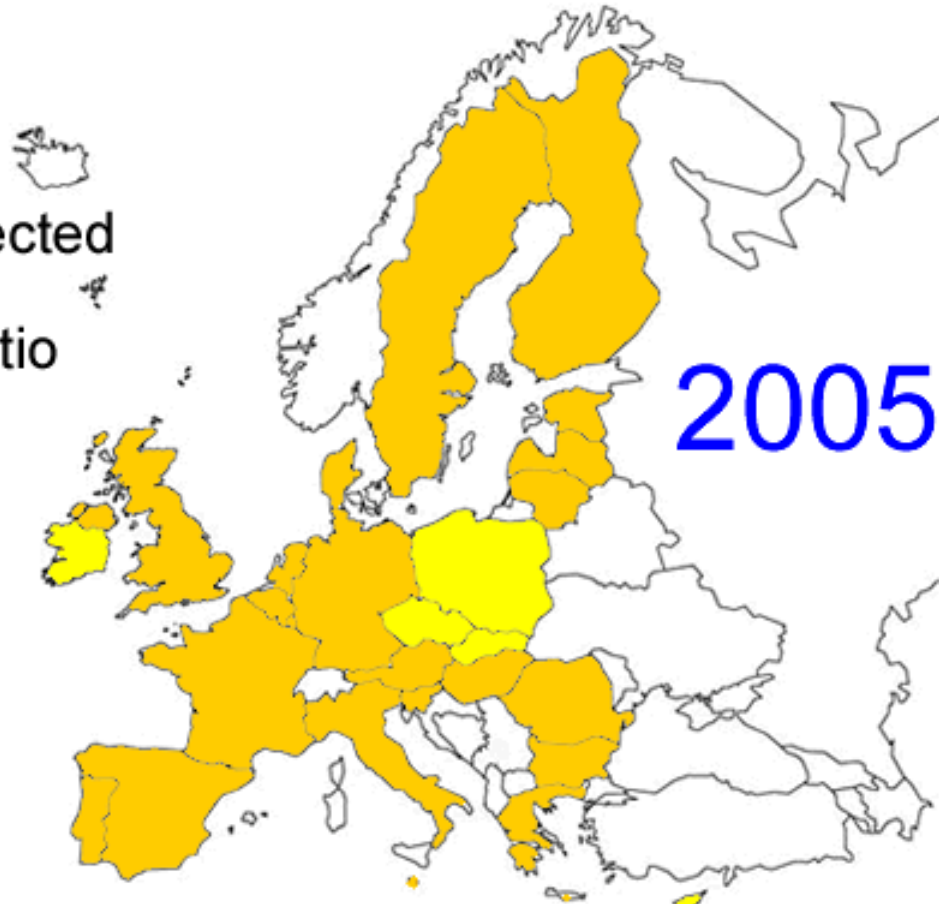
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Current and projected  
old age  
dependency ratio

2005

- - 10 - 19.9
- - 20 - 29.9
- - 30 - 39.9
- - 40 - 49.9
- - 50 - 59.9
- - 60 - 69.9

Source: Eurostat 2005





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***Western Europe got rich before it became old.***

***The Central and Eastern European countries are getting old before they become rich.***





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**Thank you all very much for  
your attention!**

