

Population developments in Slovakia. Quarter-century full of rapid changes and future outlook

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Driving forces behind demographic trends in Visegrad countries:



The role of migration and family formation

10-11 September 2015

Venue: Maďarský Inštitút Prague
Rytiřská 25-27
110 00 Praha 1

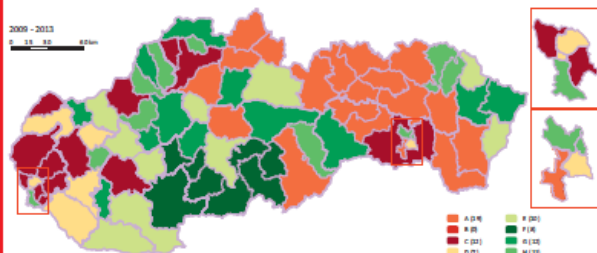
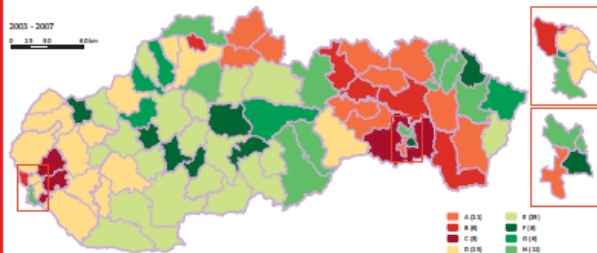
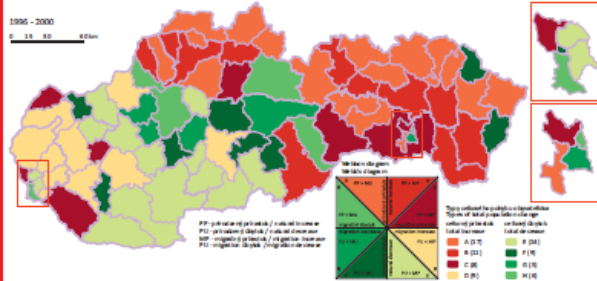
DEMOGRAFICKÝ ATLAS

SLOVENSKEJ REPUBLIKY

DEMOGRAPHIC ATLAS OF THE SLOVAK REPUBLIC

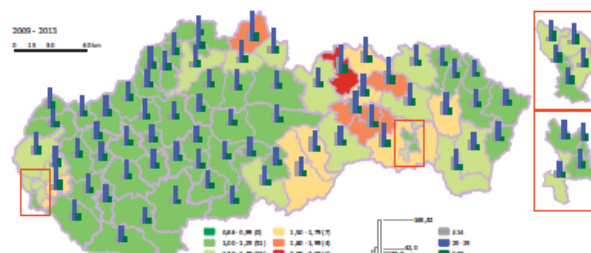
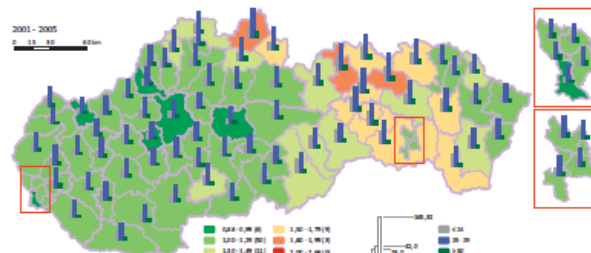
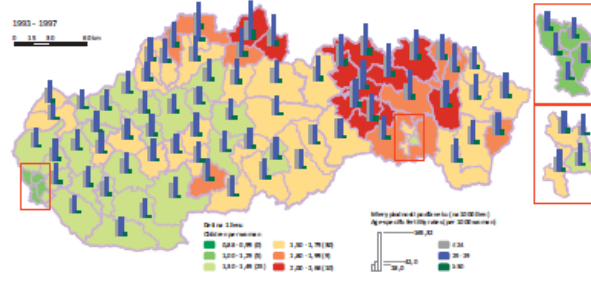
Population size, growth and distribution

Celkový pohyb a bytosťava podľa Vebkového fikačie v levoch SR
Total population change by Vebkov's classification in districts of Slovakia



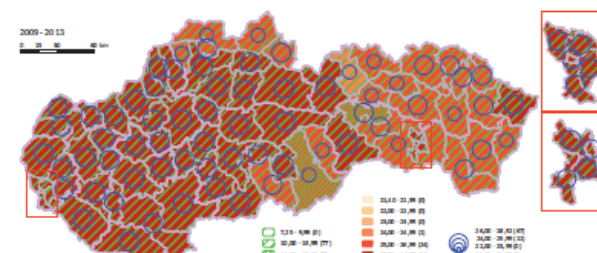
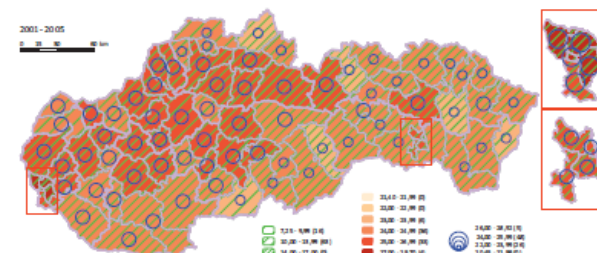
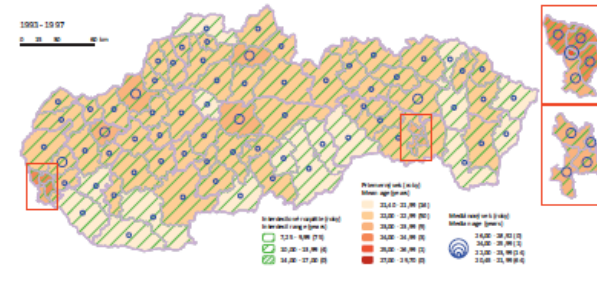
Reproductive behaviour

Očimn a plo dnoš a favaovanie plodn oš v okresech SR
Total fertility rate and timing of fertility in districts of Slovakia



Family behaviour

Vek pri prvom sobáči v okresech SR, ženy
Age at first marriage in districts of Slovakia, females



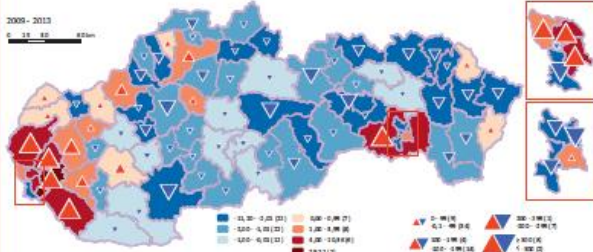
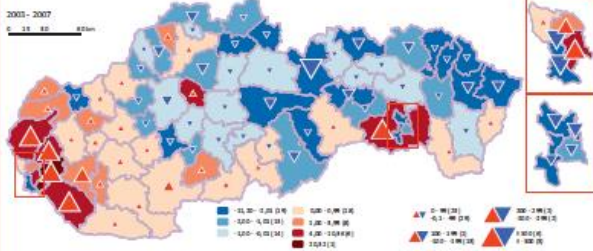
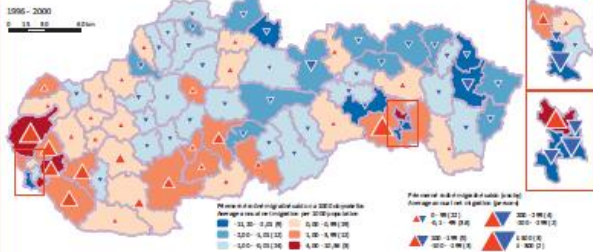
DEMOGRAFICKÝ ATLAS

SLOVENSKEJ REPUBLIKY

DEMOGRAPHIC ATLAS OF THE SLOVAK REPUBLIC

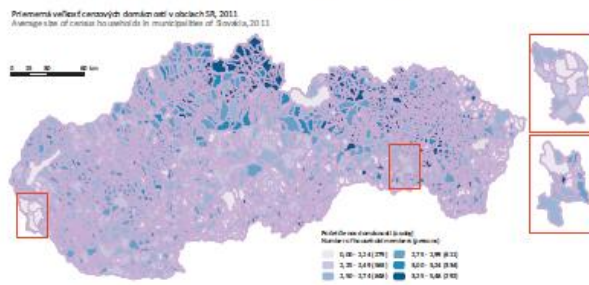
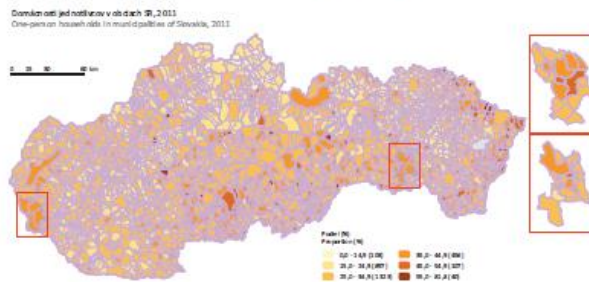
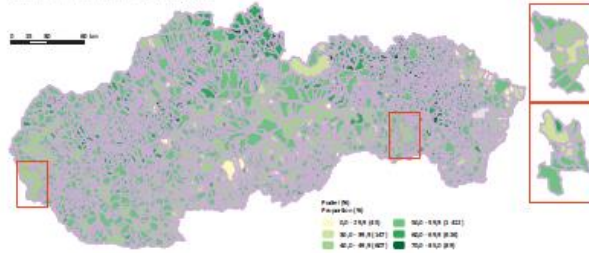
Migration

Veľkosť a smer pohybu medzi okresmi SR, prírastok (úbytok)
Internal migration in terms of districts of Slovakia, migration



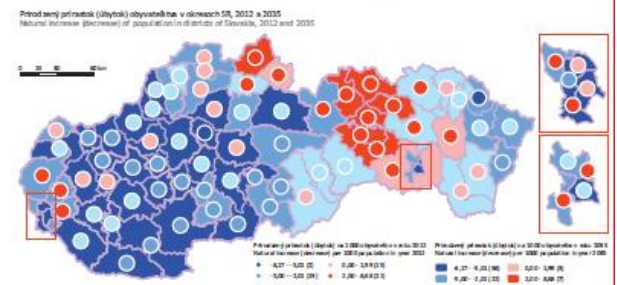
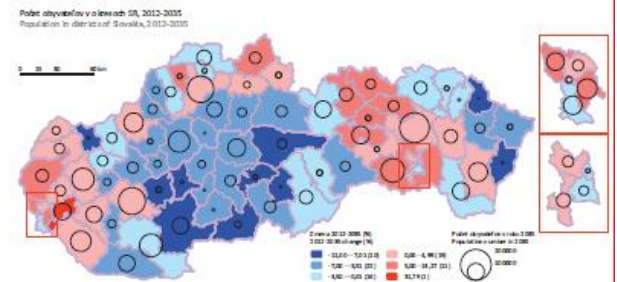
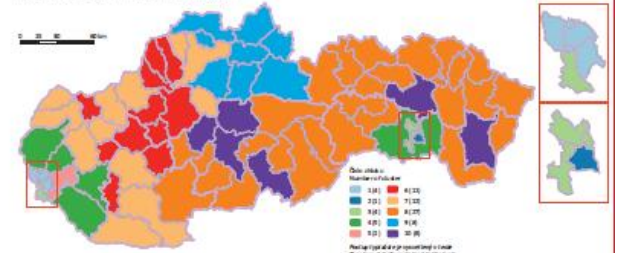
Population structures

Úplné rodiny v obciach SR, 2011
Complete families in municipalities of Slovakia, 2011



Population development in forecasting perspective

Typológia okresov SR podľa intenzity a povahy migrácie
Typology of districts by intensity and nature of migration



www.humannageografia.sk*

•The maps and charts from the Demographic Atlas have been used in the presentation. In some figures other sources have been used and cited.

More overview than explanations and depth analysis

**All processes of reproduction and family behaviour
+ migration + age structure**

TIME (recent and future) + SPACE aspects

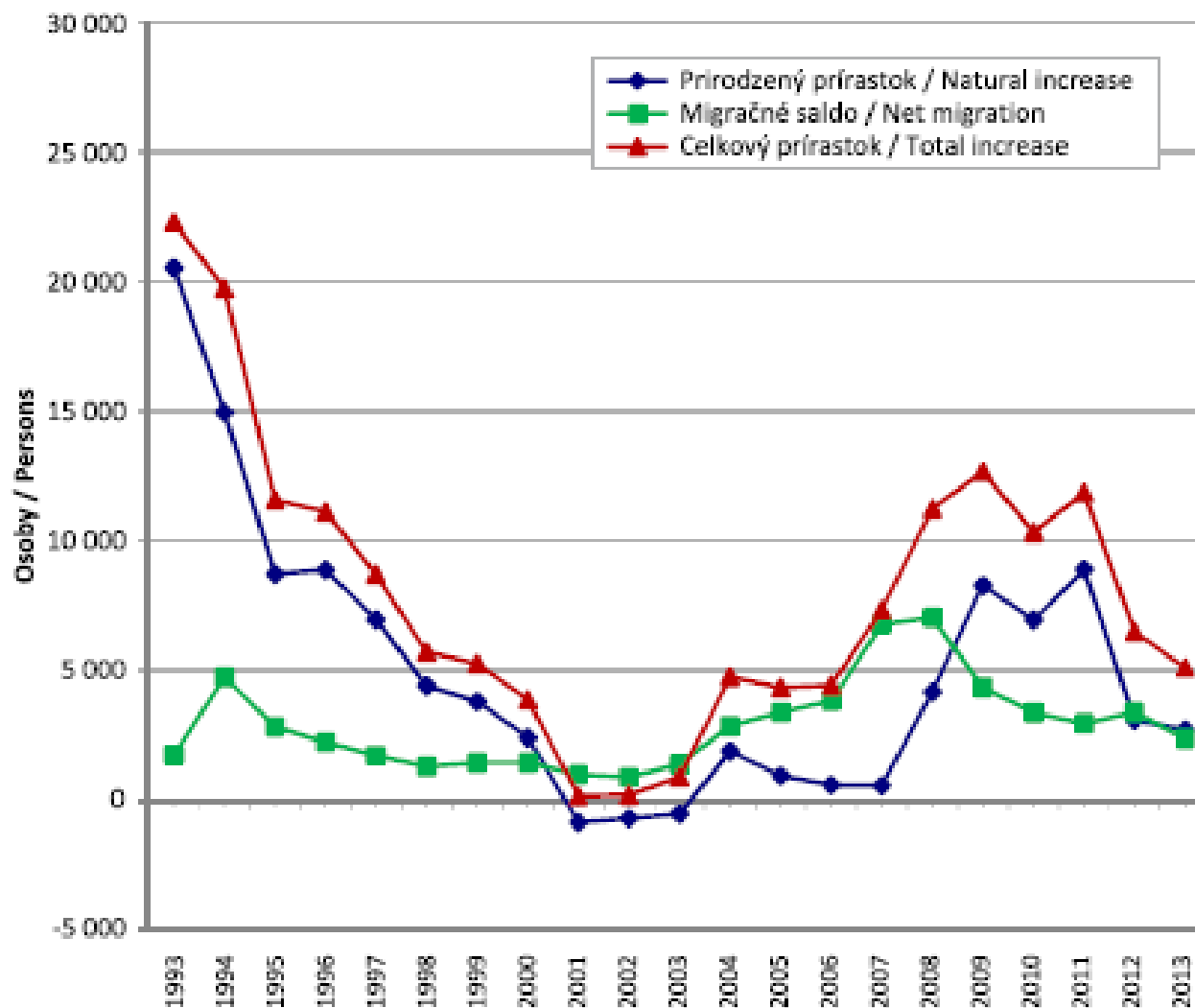
Charts demonstrating national development

EU-28 comparisons

Sub-national maps

(NUTS-IV = LAU2 = districts („okresy“))

Population size and distribution

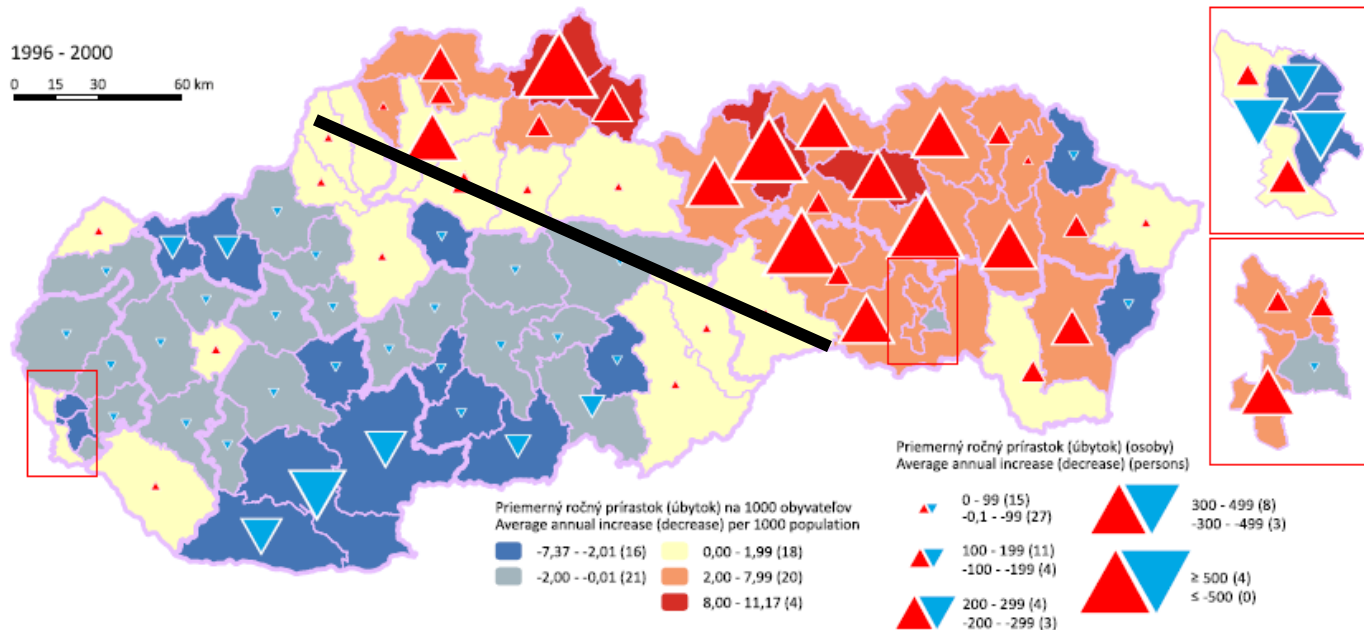
Graf 2.5**Prírastky obyvateľstva v SR**
Population increase in Slovakia

Mapa 2.4

Prírodný prírastok obyvateľstva v okresoch SR
Natural increase of population in districts of Slovakia

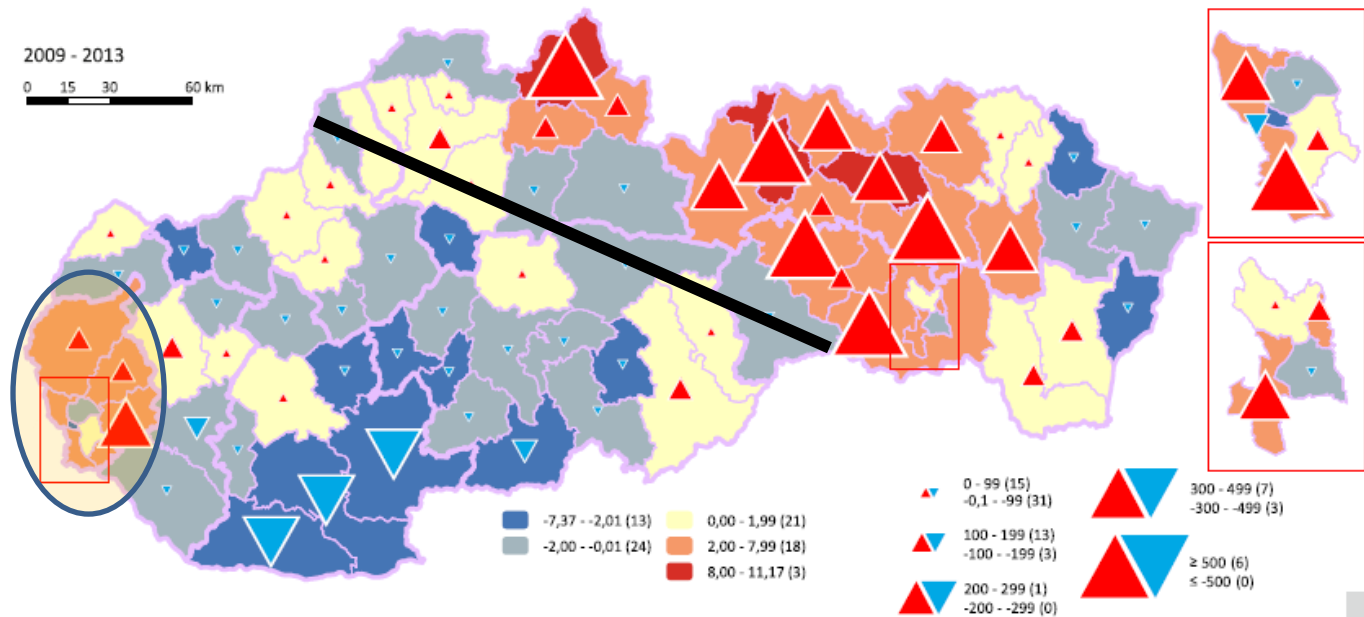
1996 - 2000

0 15 30 60 km



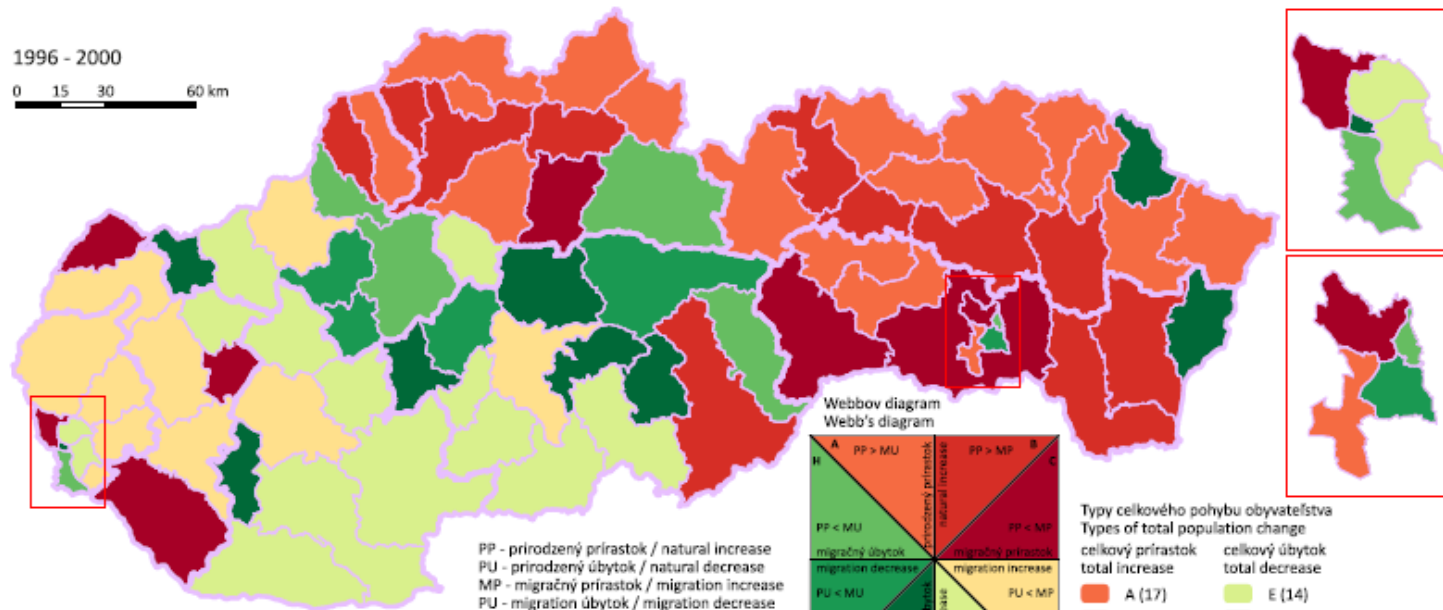
2009 - 2013

0 15 30 60 km



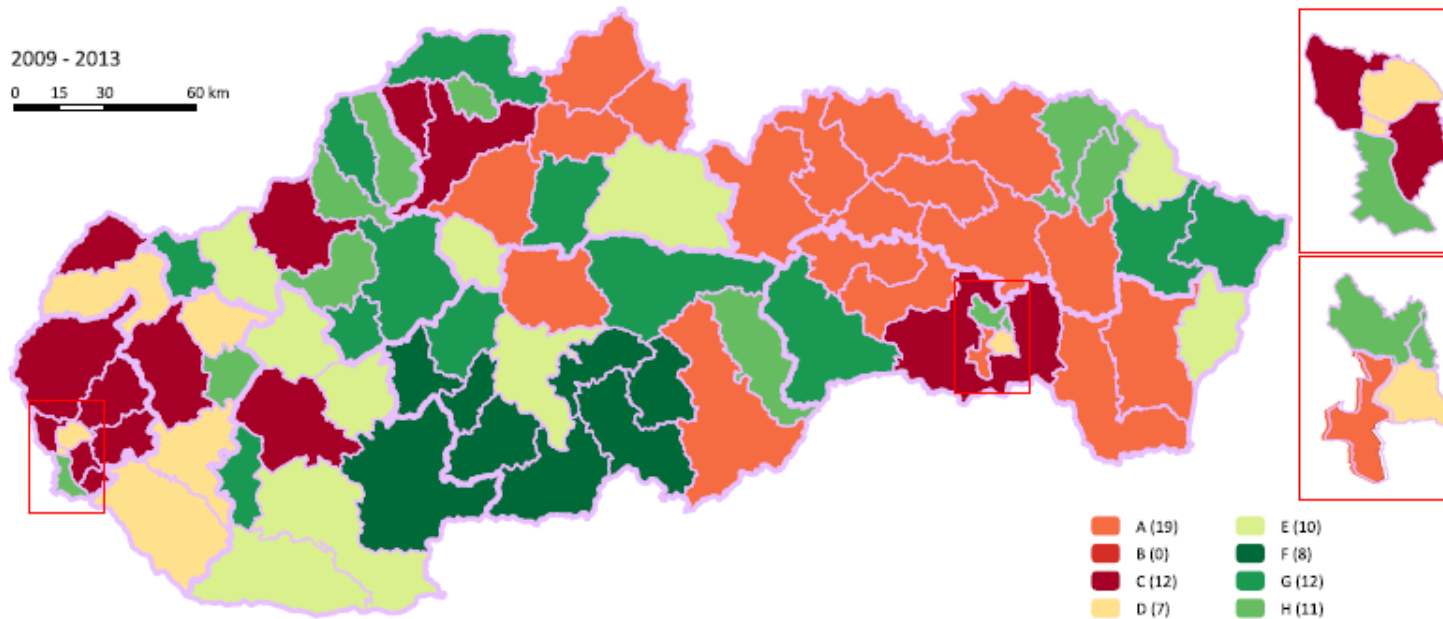
1996 - 2000

0 15 30 60 km



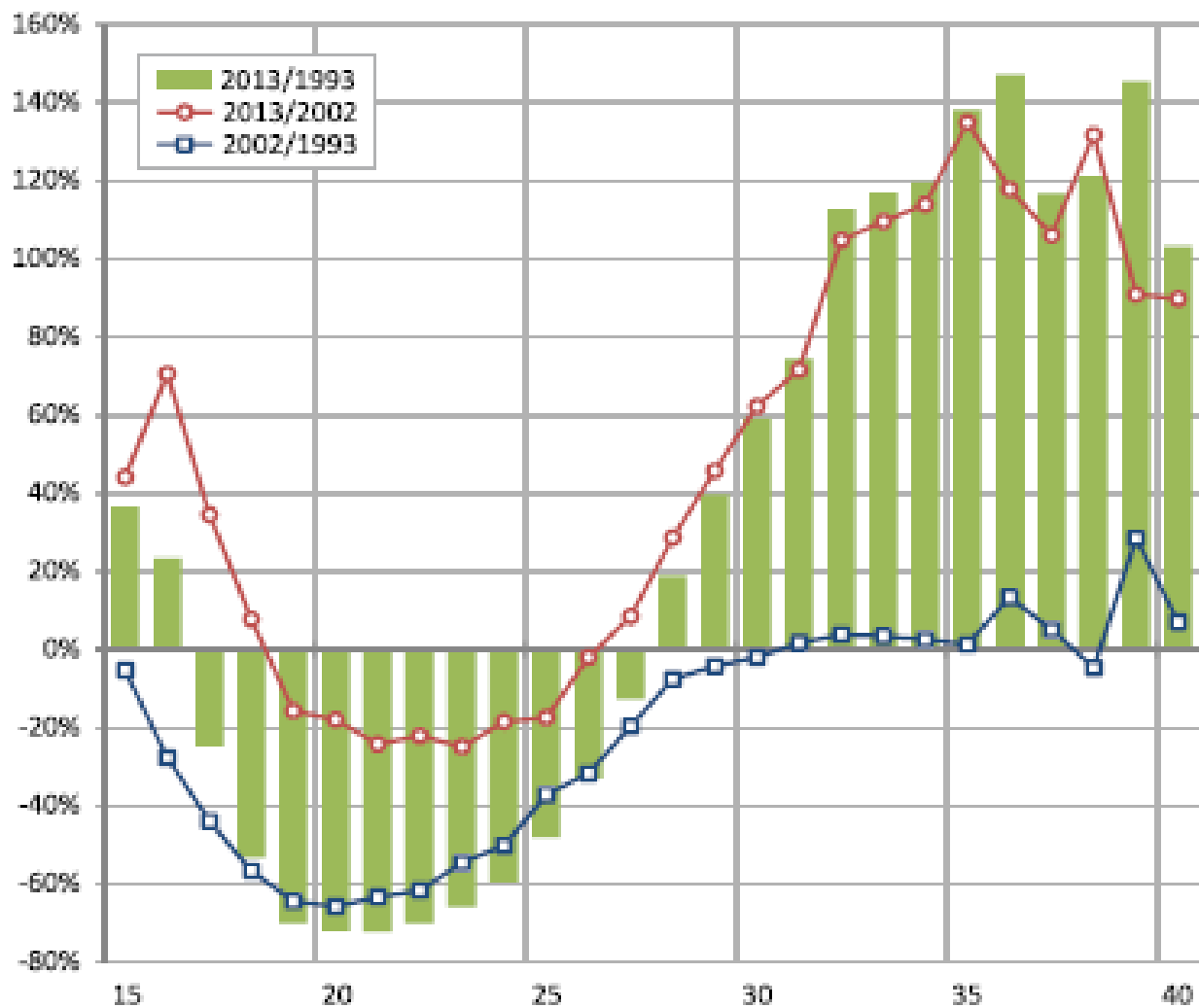
2009 - 2013

0 15 30 60 km



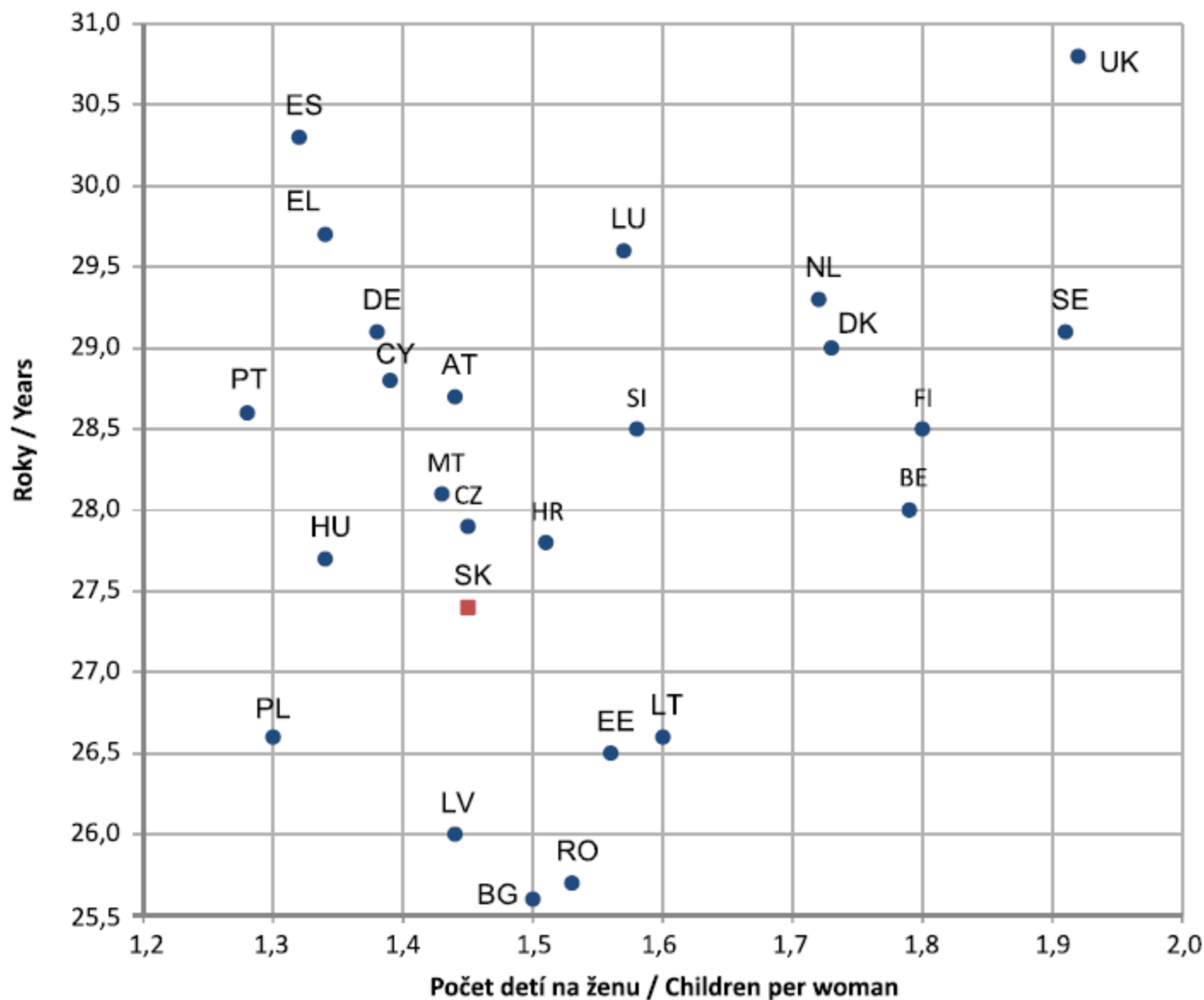
Fertility

Graf 3.1.6 Zmena úrovne plodnosti podľa veku v SR
 Change in age-specific fertility rates in Slovakia



Graf 3.1.14

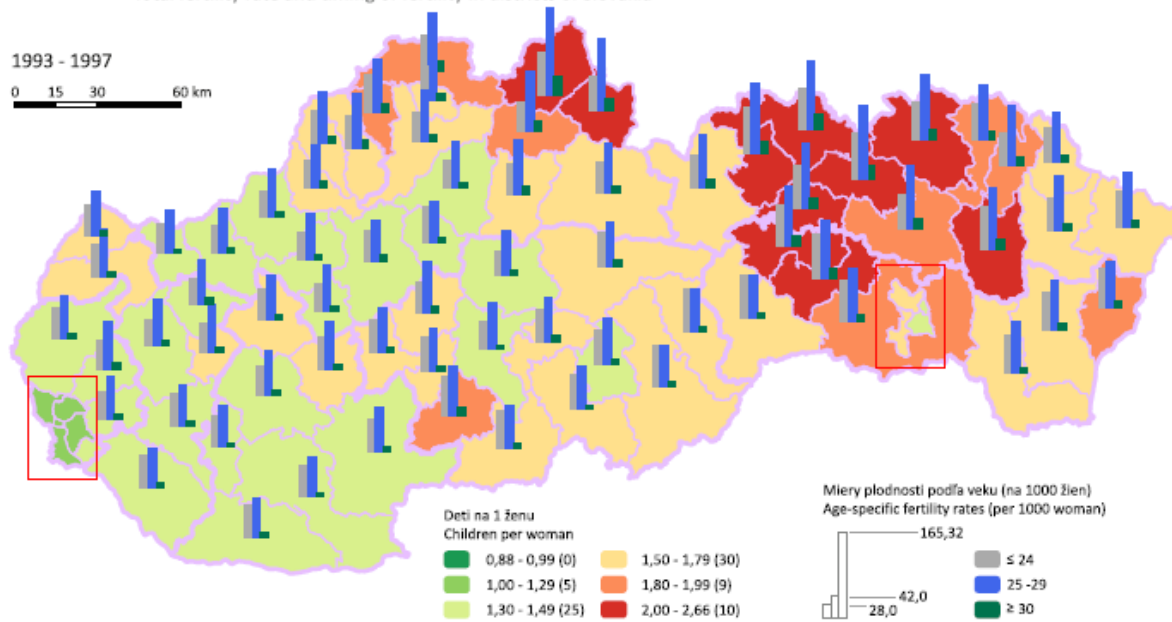
Úhrnná plodnosť a priemerný vek pri prvom pôrode v EU
Total fertility rate and mean age at 1st birth in the EU



Mapa 3.1.1. Úhrnná plodnosť a časovanie plodnosti v okresoch SR
 Total fertility rate and timing of fertility in districts of Slovakia

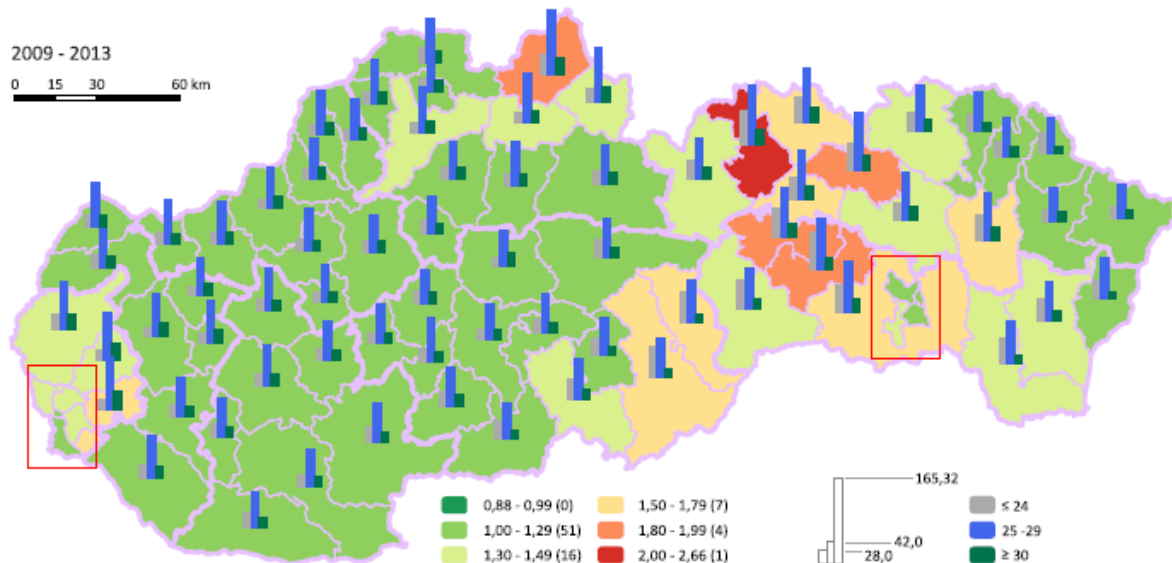
1993 - 1997

0 15 30 60 km



2009 - 2013

0 15 30 60 km

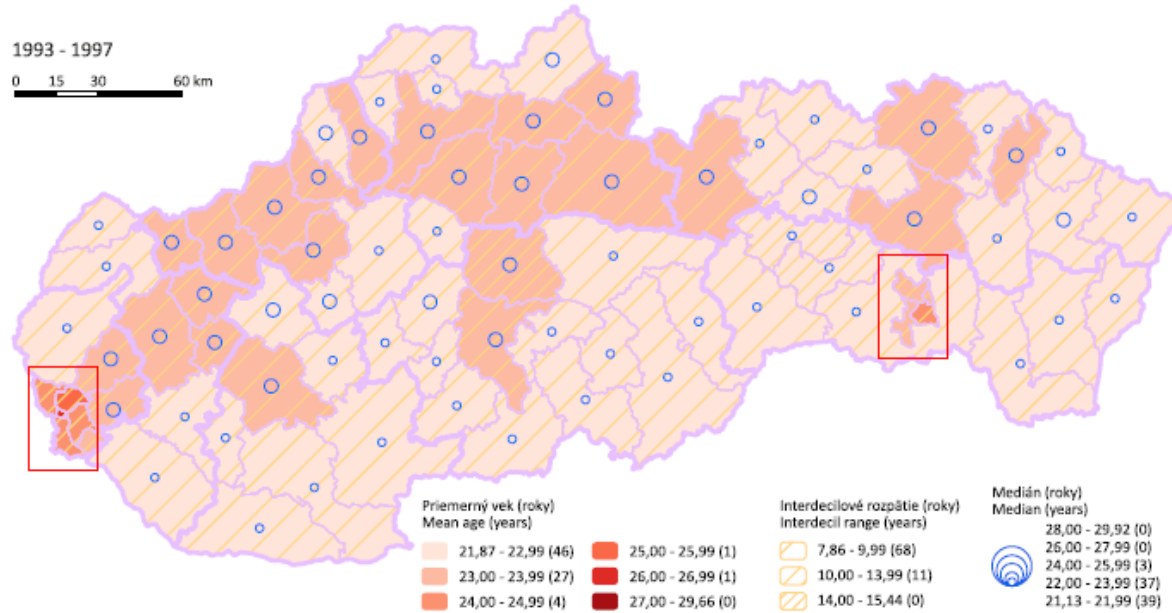


Mapa 3.1.2

Vek pri prvom pôrode v okresoch SR
Age at first birth in districts of Slovakia

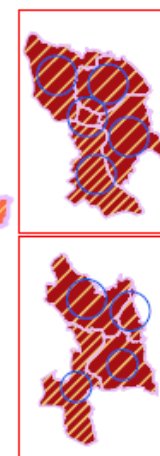
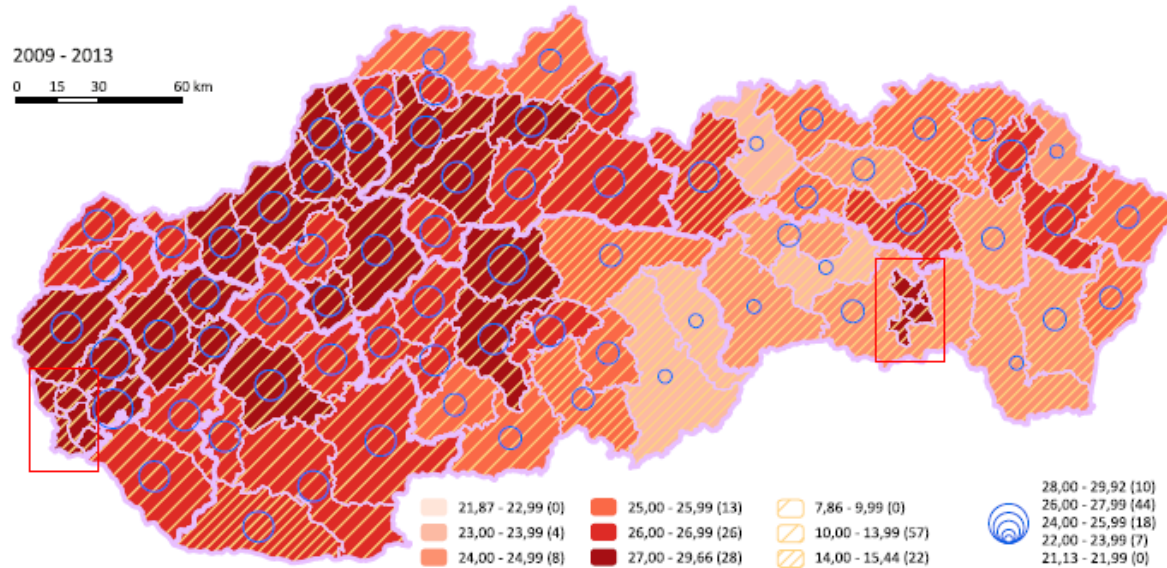
1993 - 1997

0 15 30 60 km



2009 - 2013

0 15 30 60 km

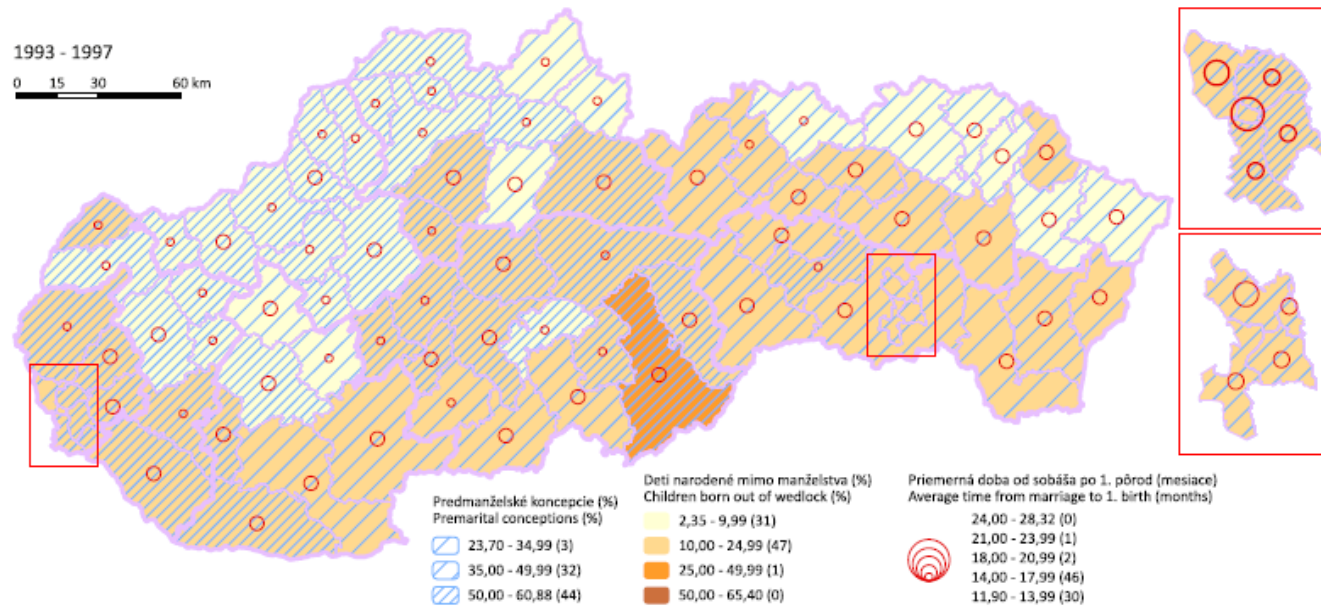


Mapa 3.1.3

Pôrodnosť podľa legitimacy v okresoch SR
 Natality by legitimacy in districts of Slovakia

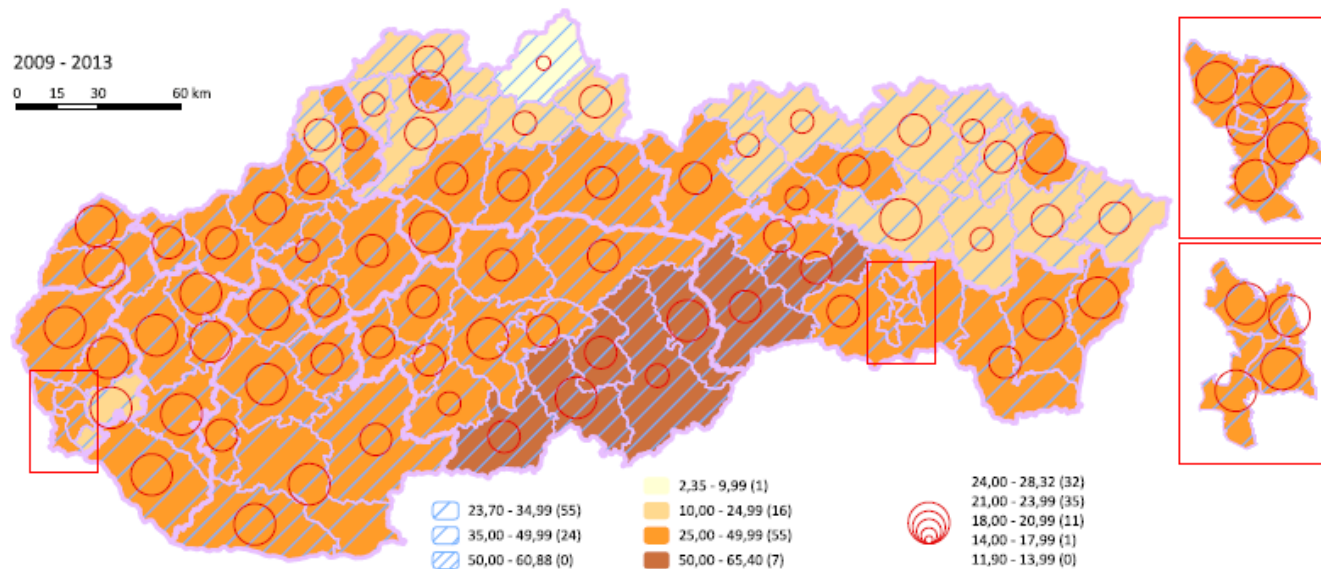
1993 - 1997

0 15 30 60 km



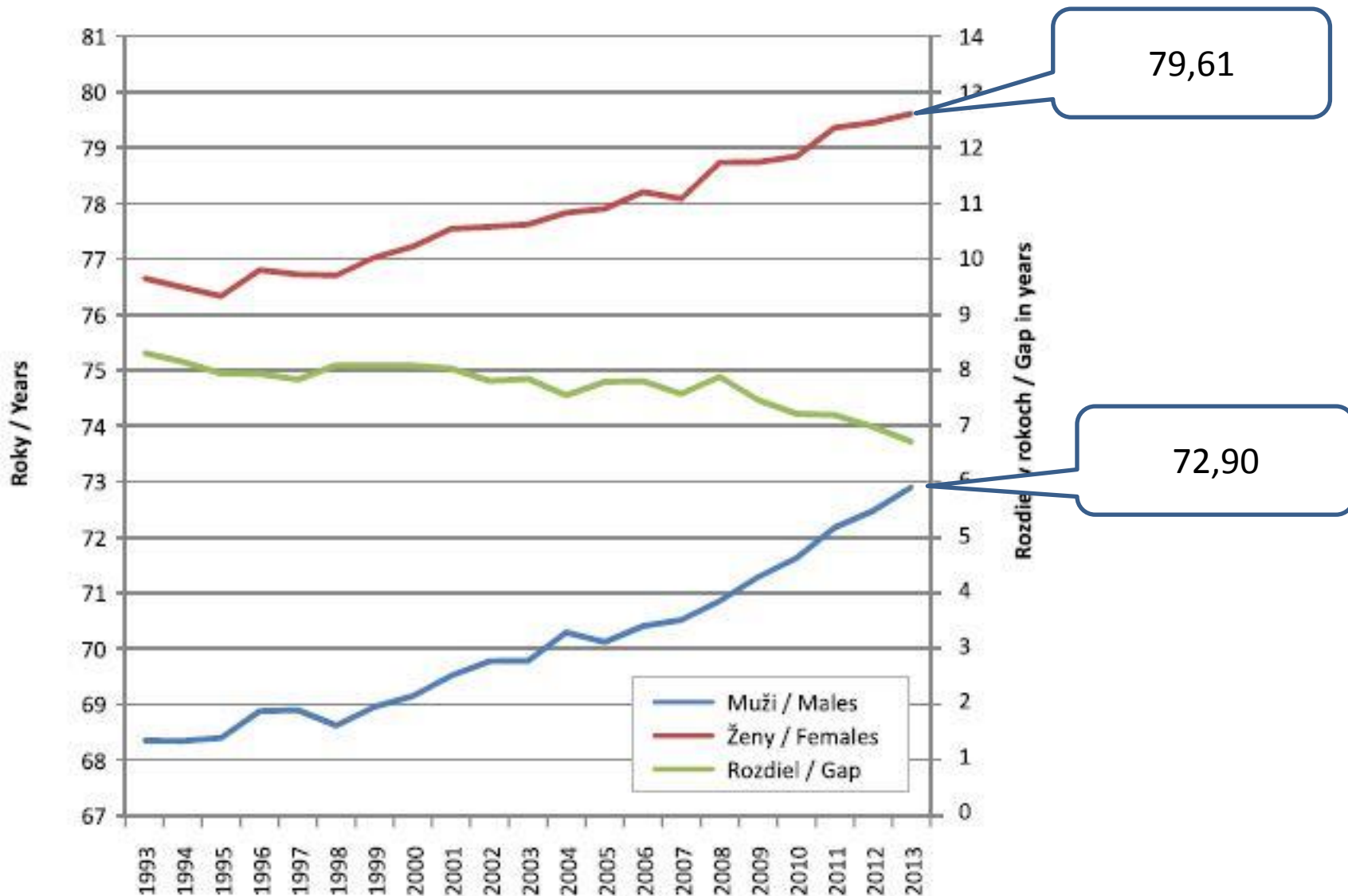
2009 - 2013

0 15 30 60 km

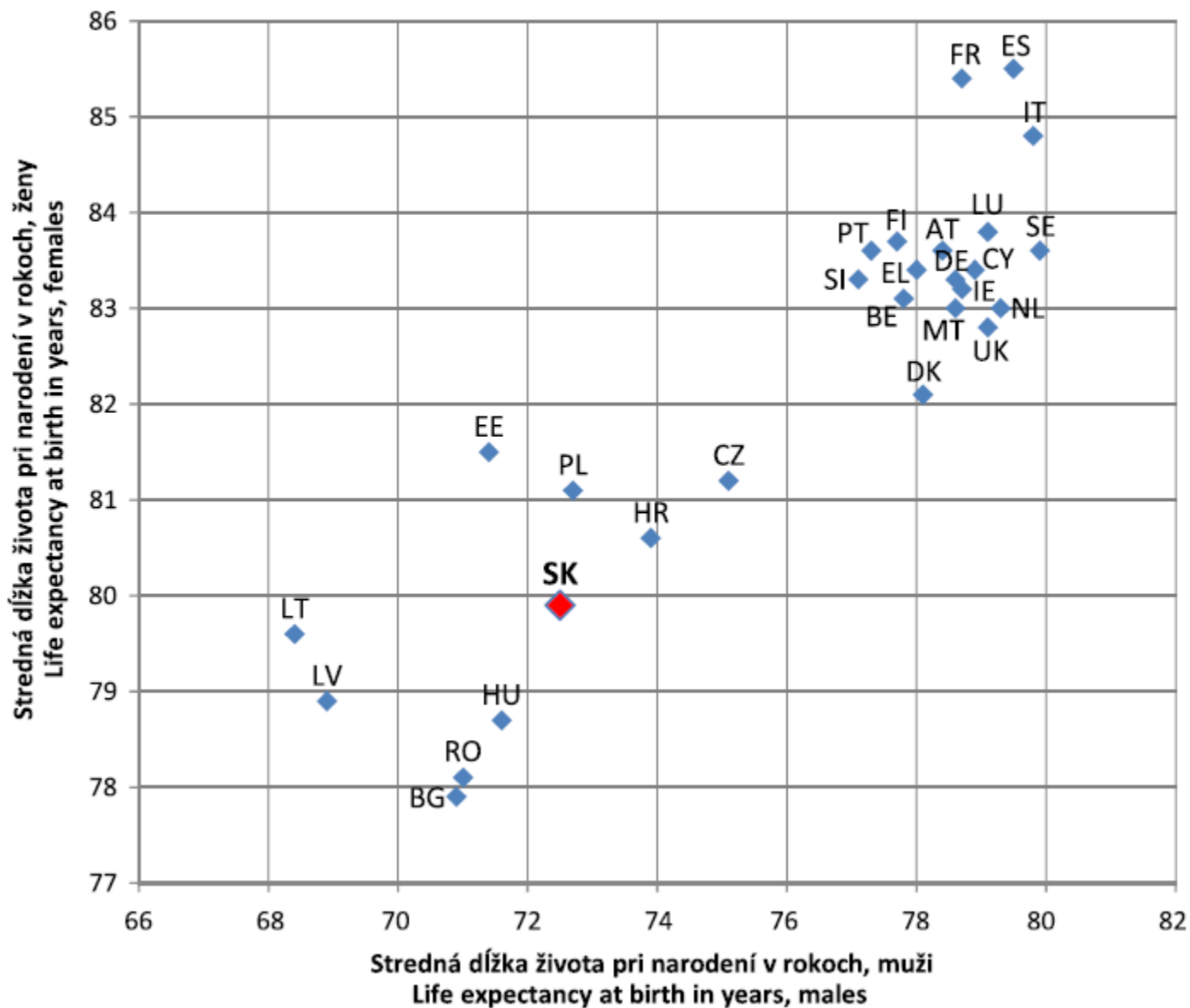


Mortality

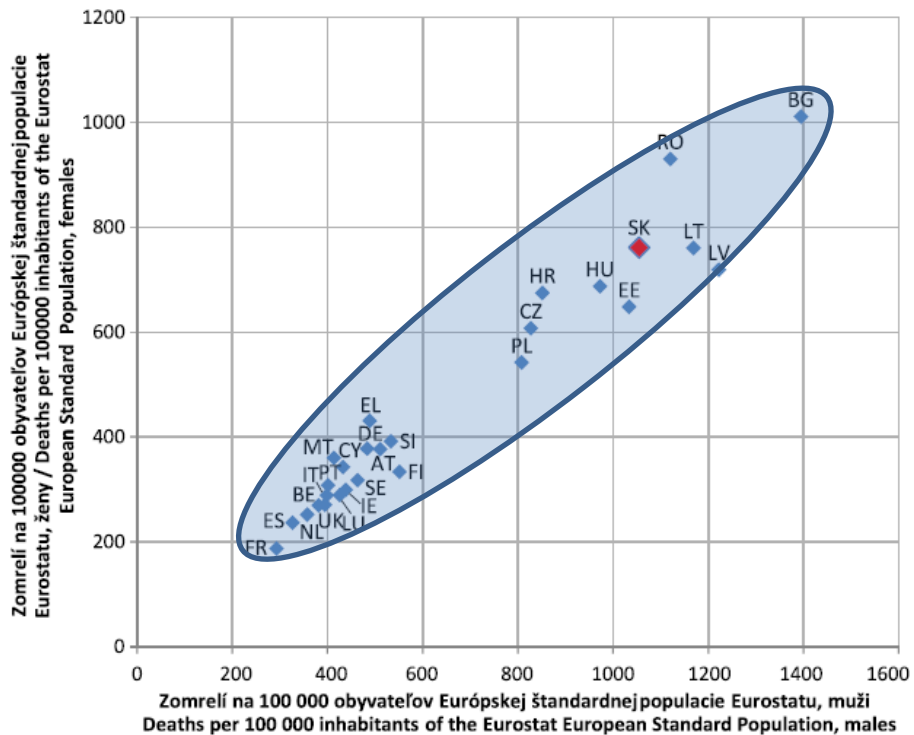
Graf 3.2.2 Stredná dĺžka života pri narodení v SR
Life expectancy at birth in Slovakia



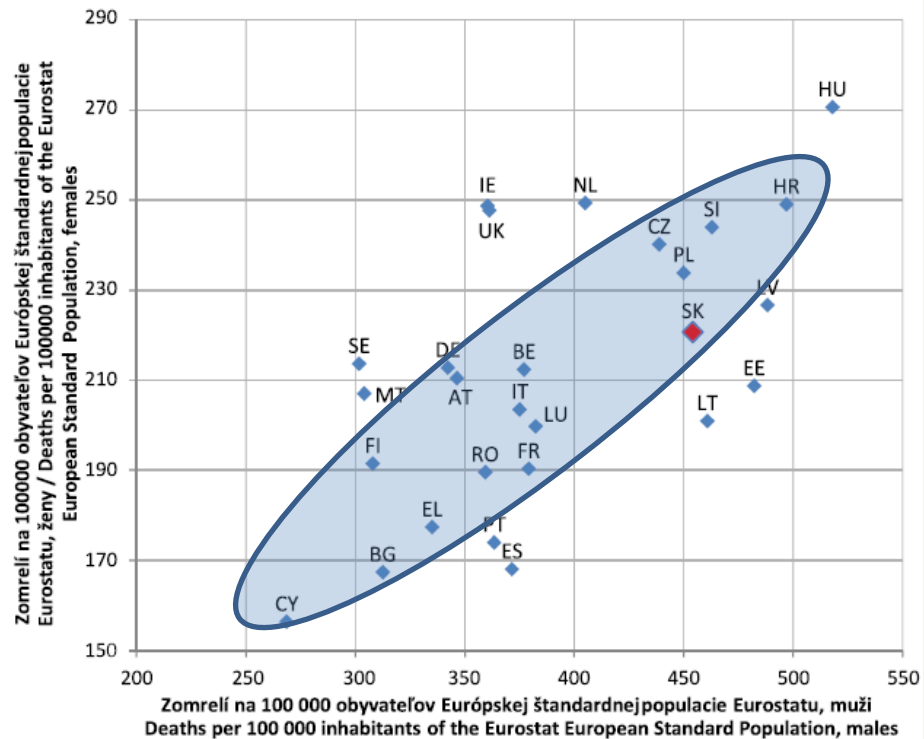
Graf 3.2.12 Stredná dĺžka života pri narodení v EÚ, 2010-2012
Life expectancy at birth in the EU, 2010-2012



Graf 3.2.15 Štandardizovaná miera úmrtnosti na obehovú sústavu v EÚ, 2010-2013
Standardised circulatory system mortality rate in the EU, 2010-2013



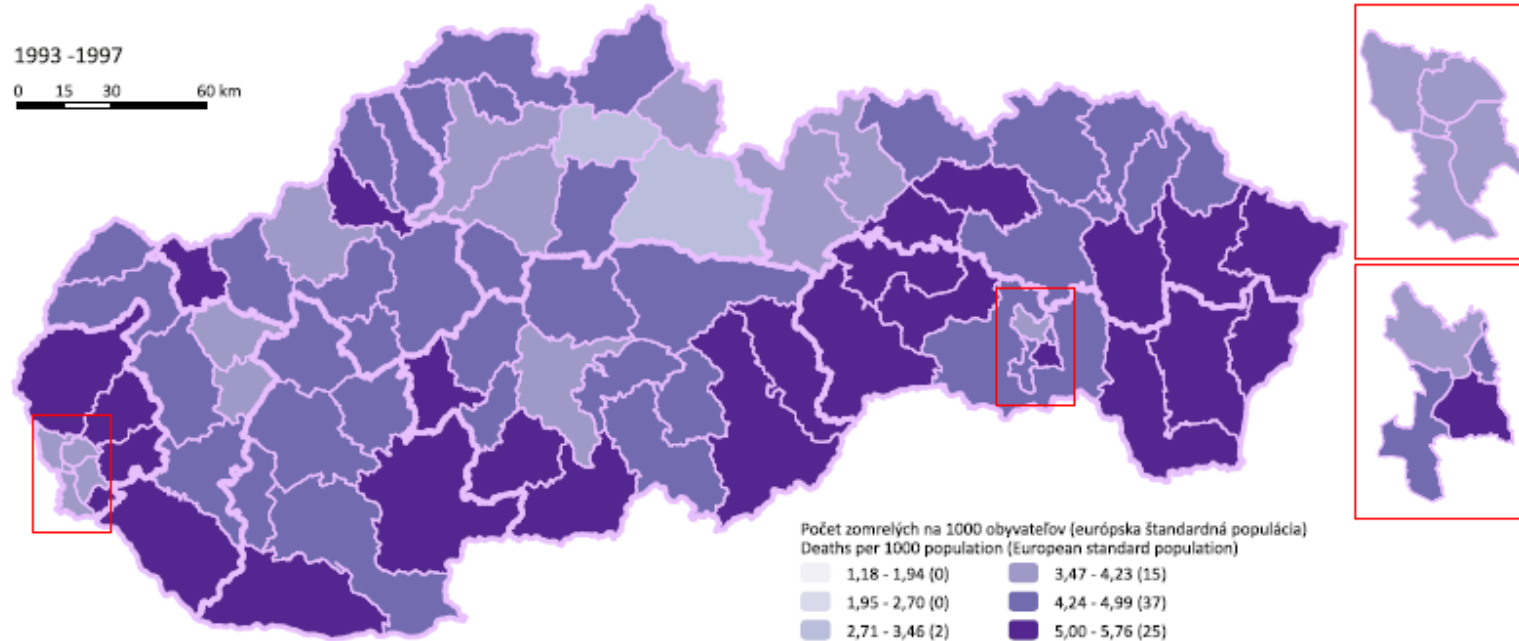
Graf 3.2.16 Štandardizovaná miera úmrtnosti na nádorové ochorenia v EÚ, 2010-2013
Standardised neoplasms mortality rate in the EU, 2010-2013



Mapa 3.2.5 Úmrtnosť na obehovú sústavu v okresoch SR, ženy
Circulatory system mortality in districts of Slovakia, females

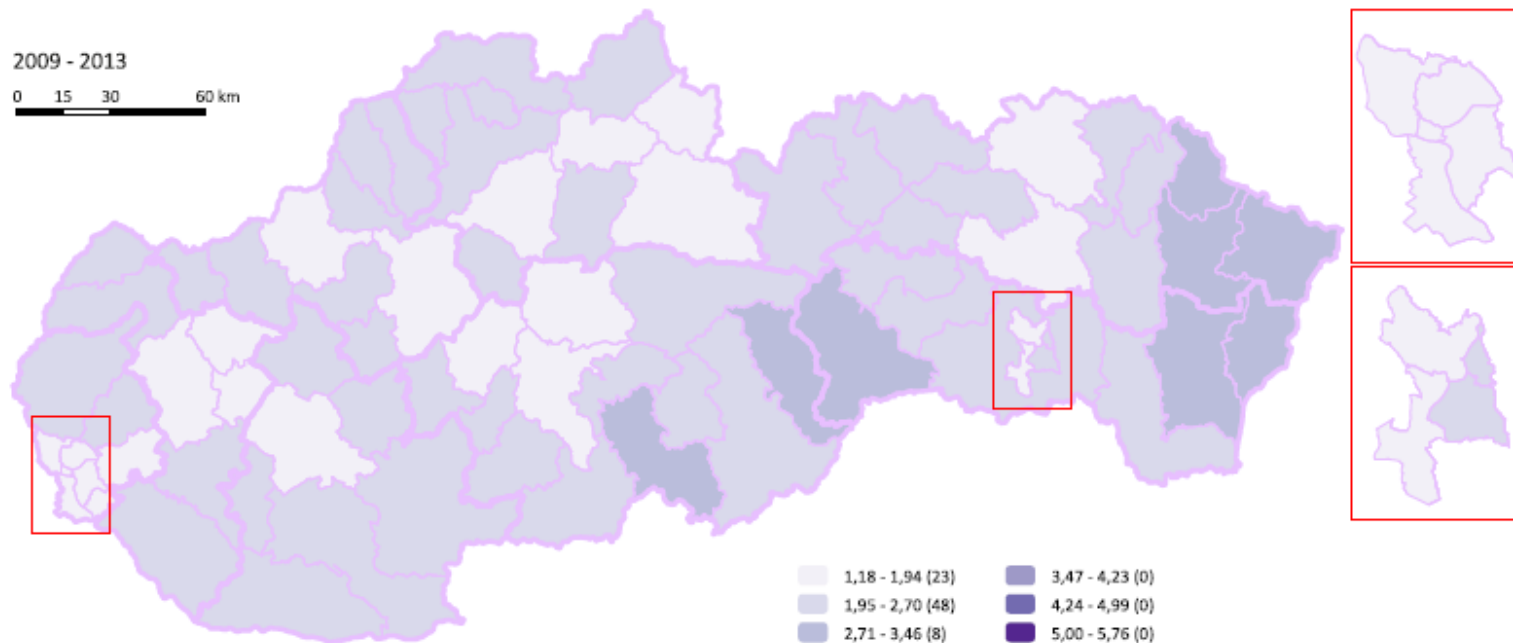
1993 - 1997

0 15 30 60 km



2009 - 2013

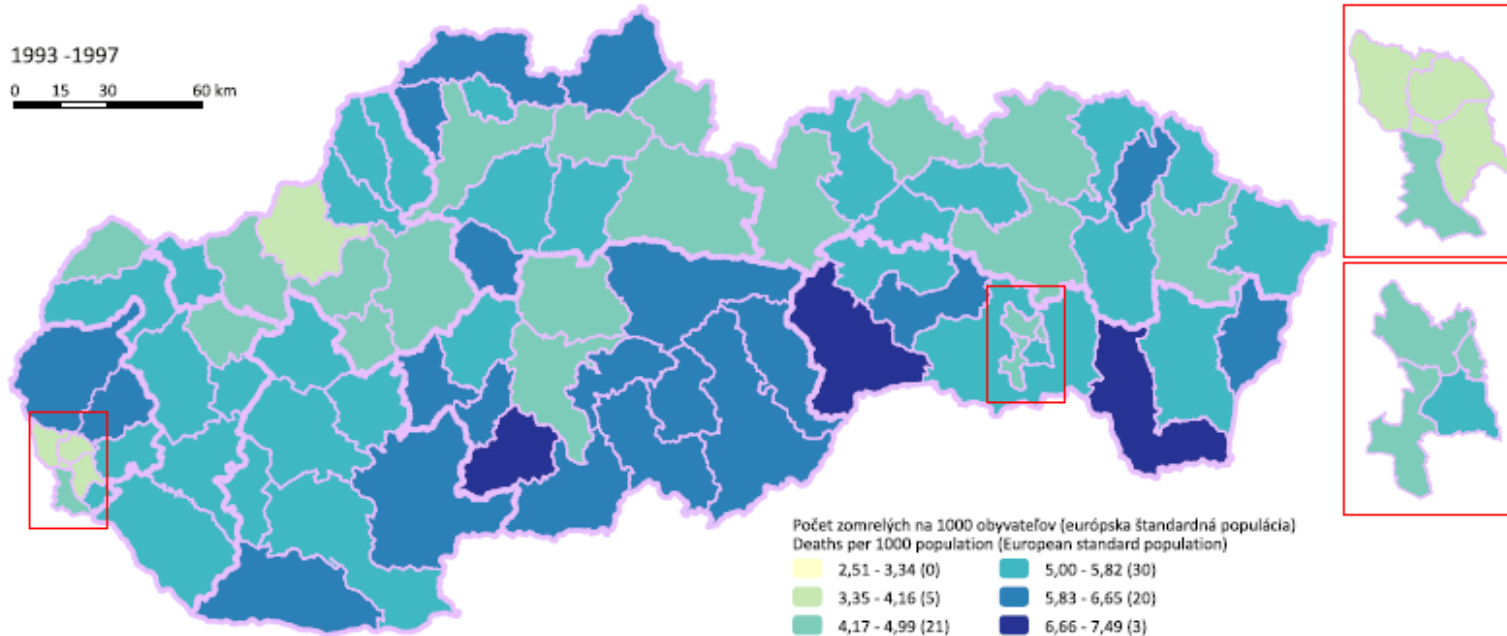
0 15 30 60 km



Mapa 3.2.8 Odvratiteľná úmrtnosť v okresoch SR, muži
 Avoidable mortality in districts of Slovakia, males

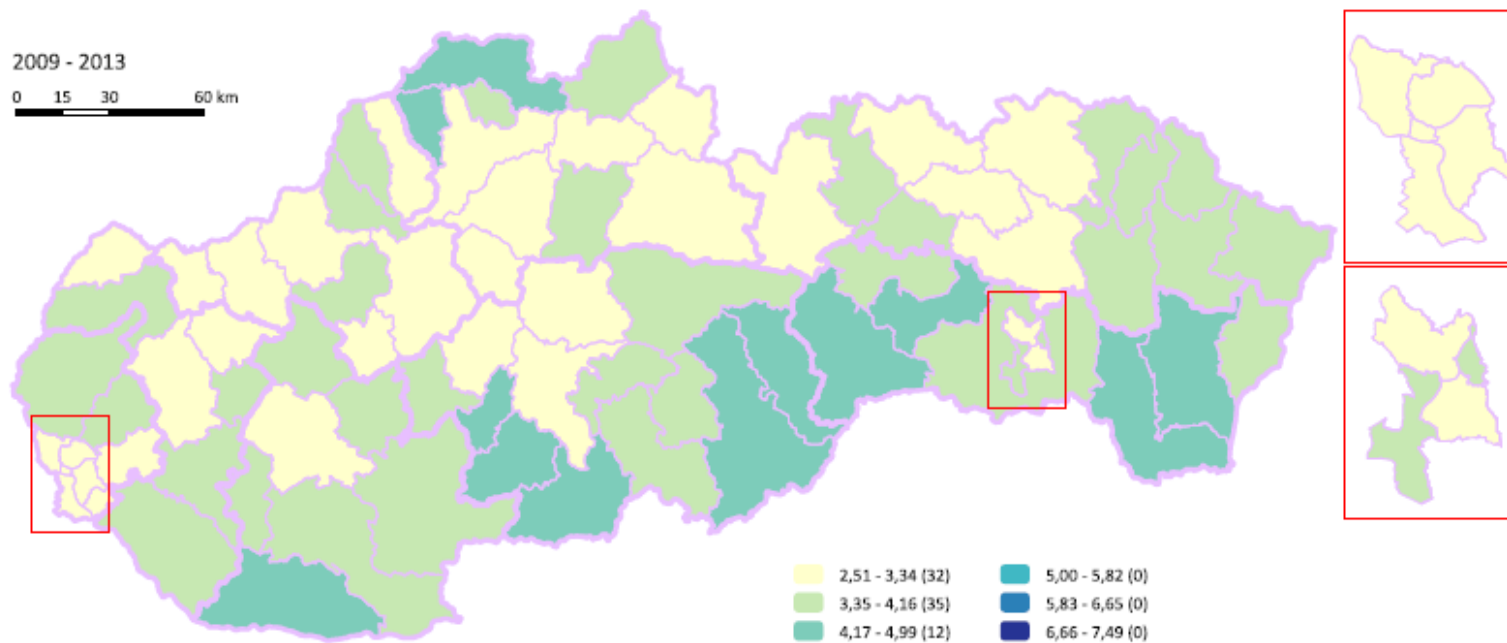
1993 - 1997

0 15 30 60 km



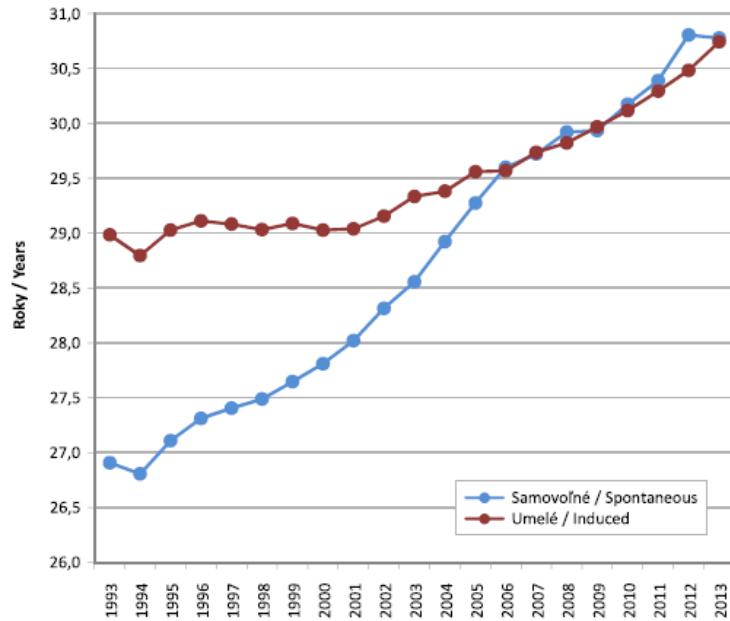
2009 - 2013

0 15 30 60 km

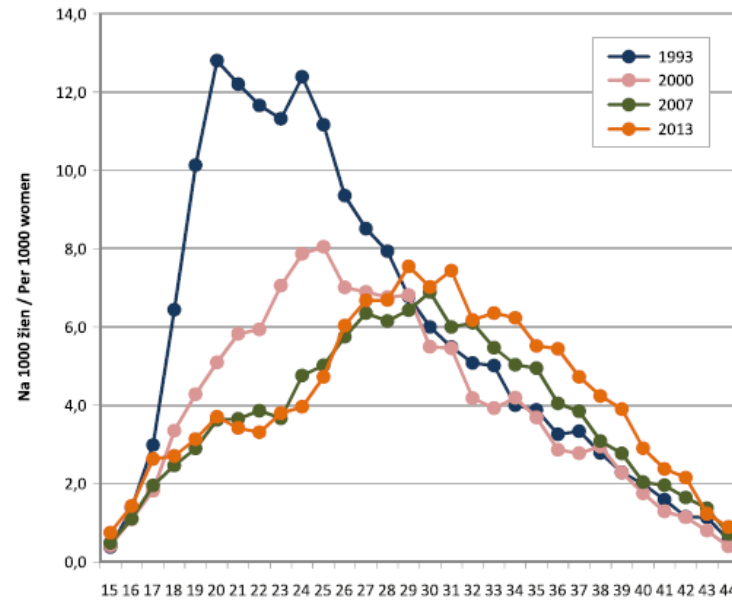


Abortions

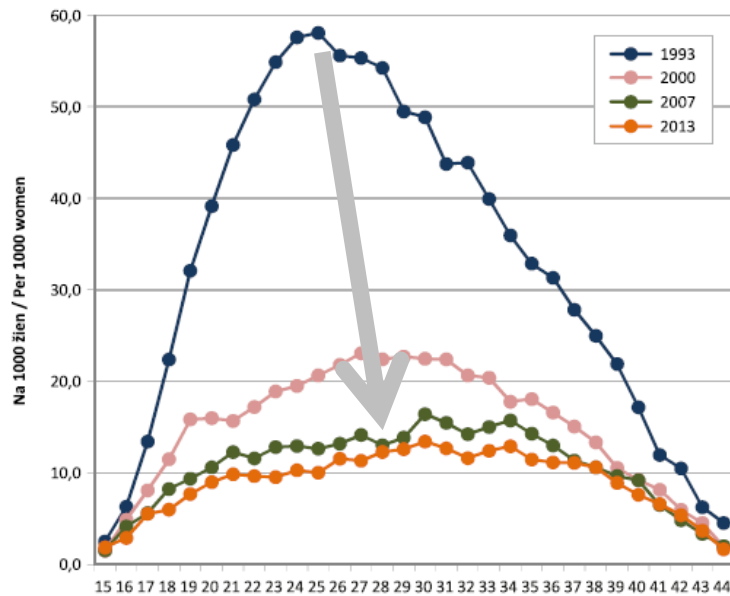
Graf 3.3.5 Priemerný vek žien pri potrate v SR
Mean age of women at abortion in Slovakia



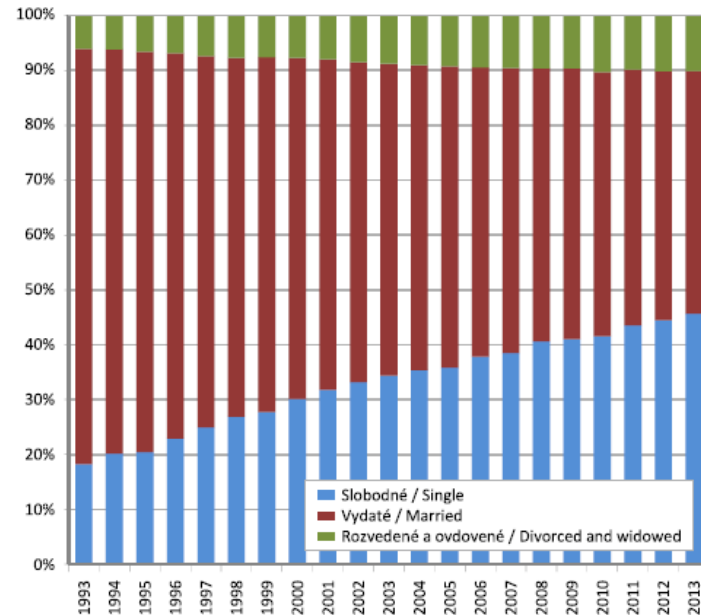
Graf 3.3.6 Samovoľná potratovosť podľa veku ženy v SR
Spontaneous abortion rate by age of woman in Slovakia



Graf 3.3.7 Umelá potratovosť podľa veku ženy v SR
Induced abortion rate by age of woman in Slovakia

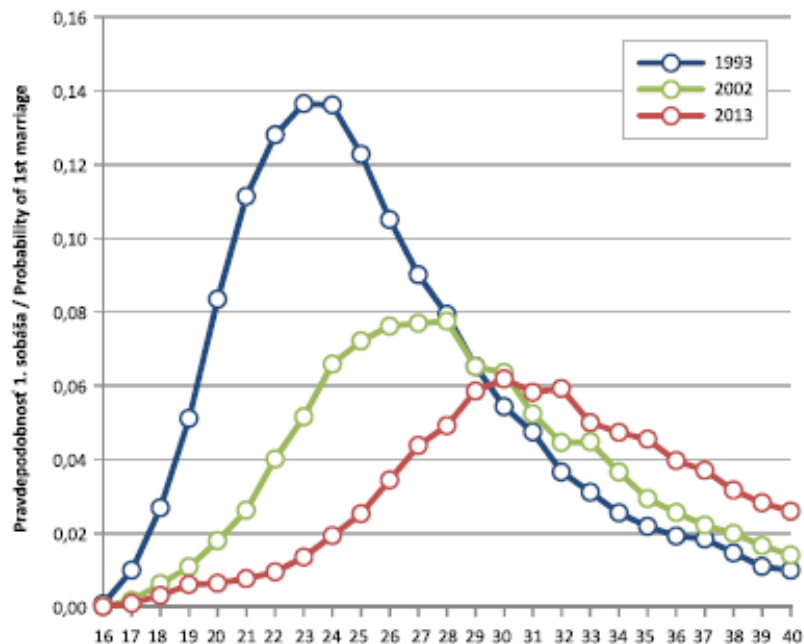


Graf 3.3.8 Umelé potraty podľa rodinného stavu v SR
Induced abortions by marital status in Slovakia

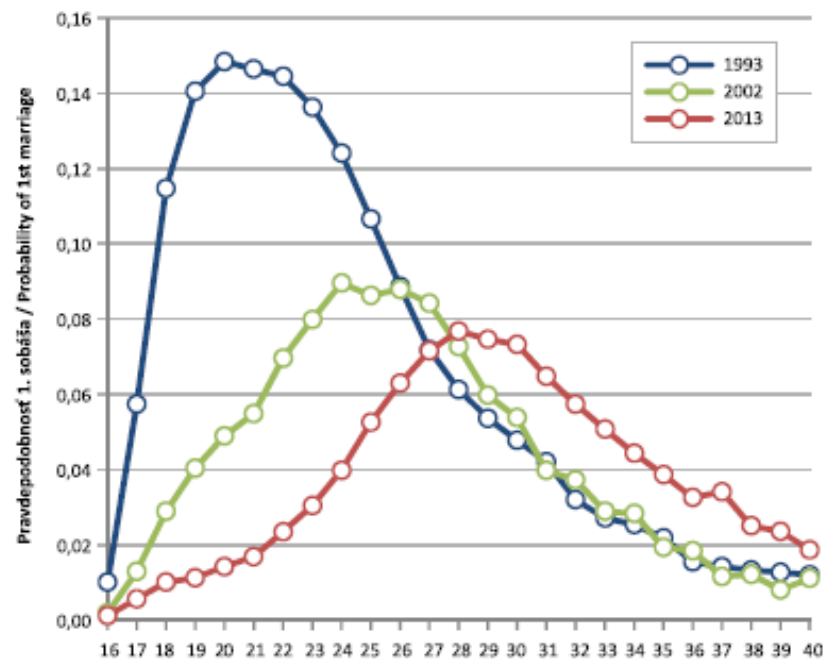


Nuptiality

Graf 4.1.6 Pravdepodobnosť sobáša slobodných mužov podľa veku v SR
First marriage probabilities by age in Slovakia, males



Graf 4.1.7 Pravdepodobnosť sobáša slobodných žien podľa veku v SR
First marriage probabilities by age in Slovakia, females

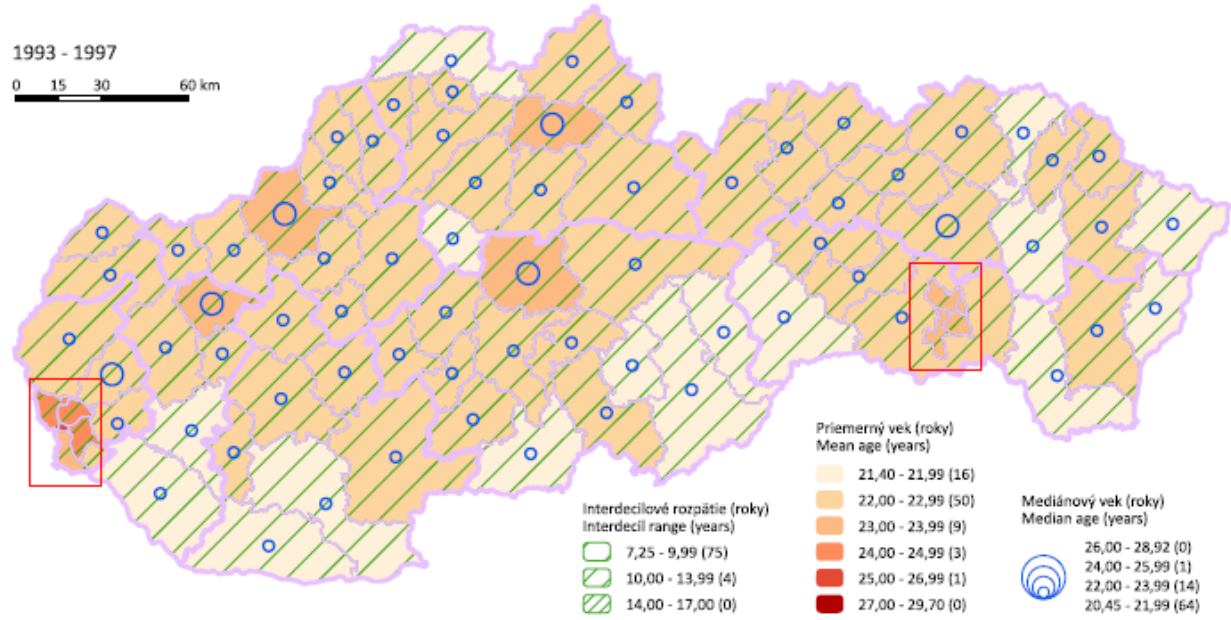


Mapa 4.1.4

Vek pri prvom sobaši v okresoch SR, ženy
Age at first marriage in districts of Slovakia, females

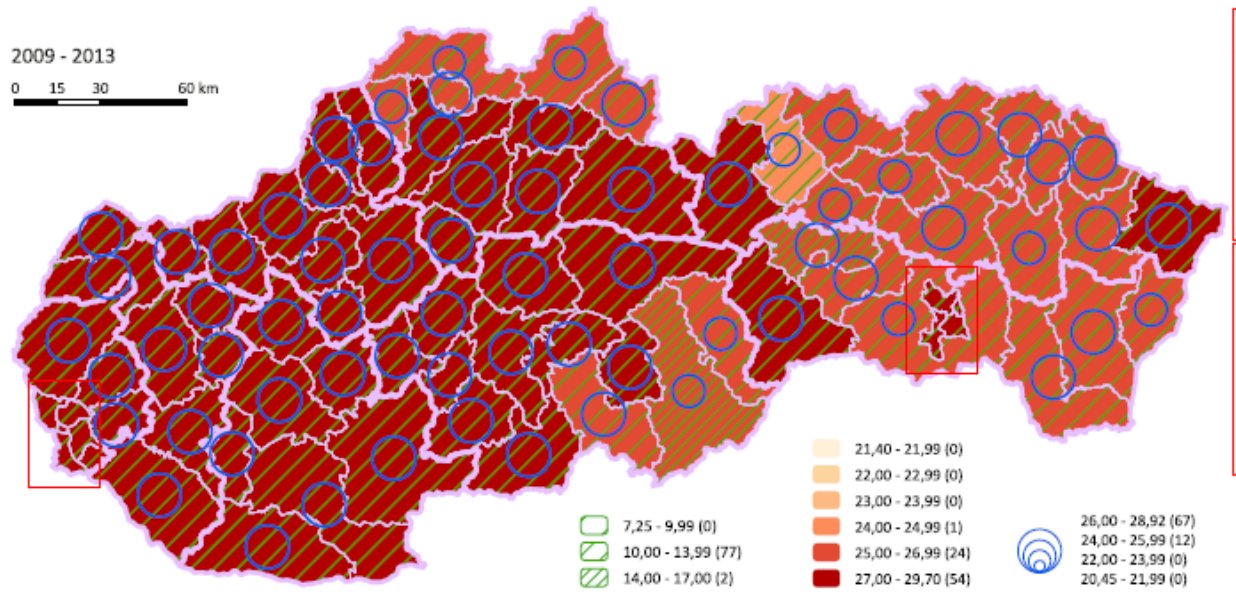
1993 - 1997

0 15 30 60 km



2009 - 2013

0 15 30 60 km

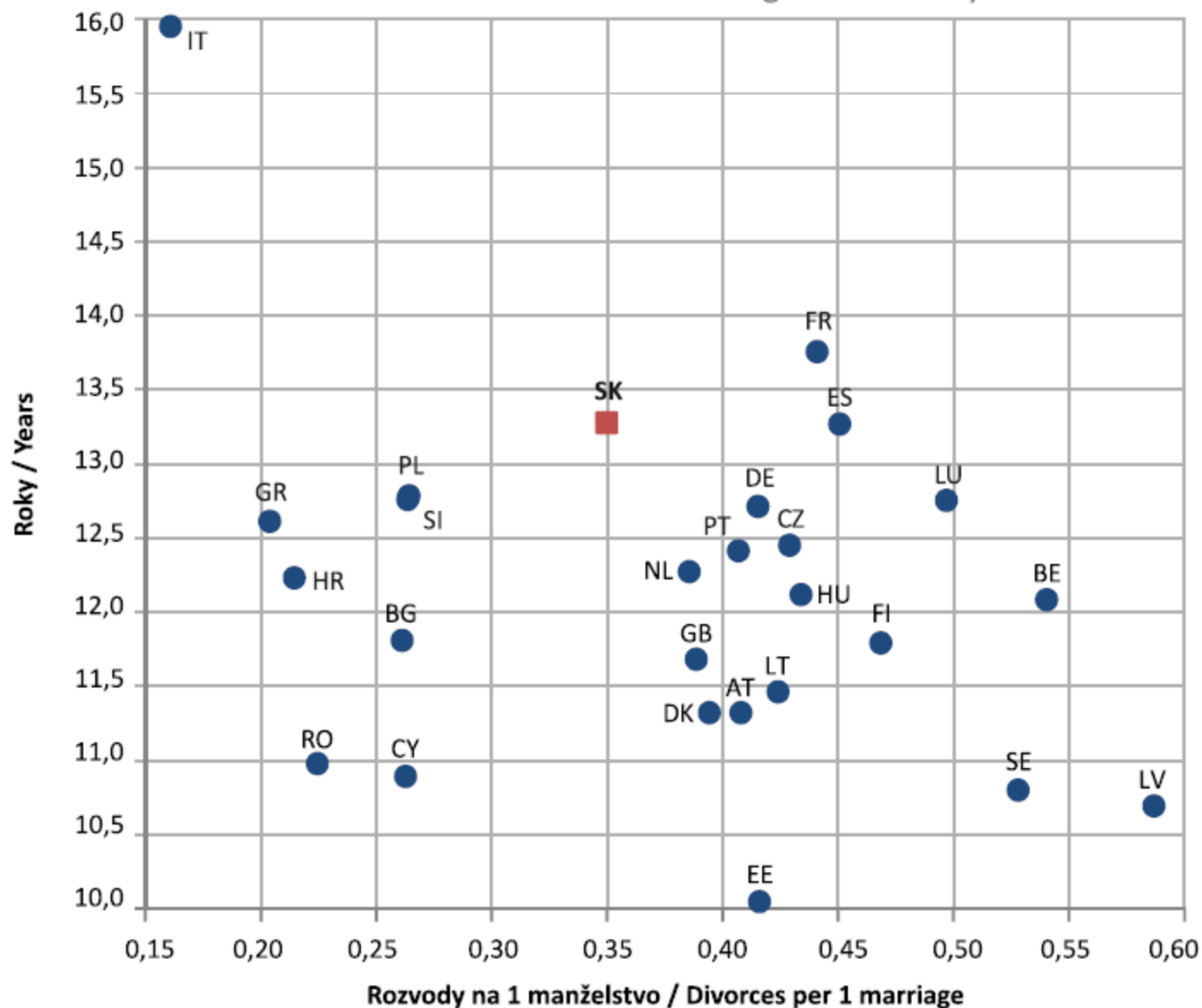


Divorce

Graf 4.2.6

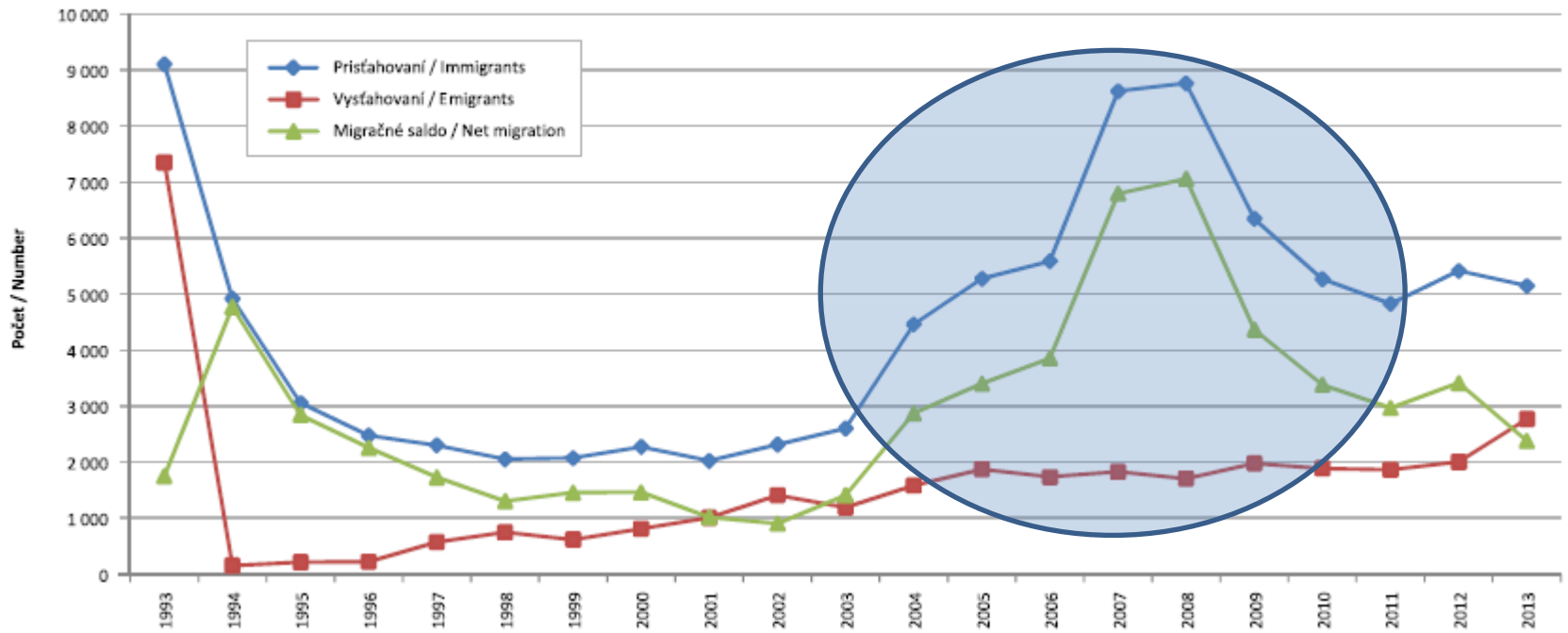
Úhrnná rozvodovosť a priemerná dĺžka trvania manželstva pri rozvode v EÚ

Total divorce rate and mean marriage duration by divorce in the EU

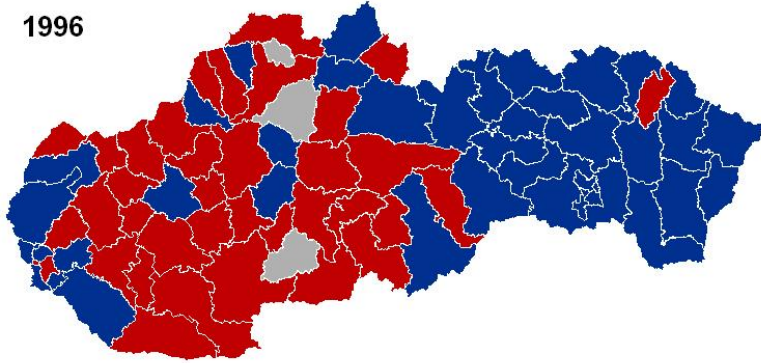


Migration

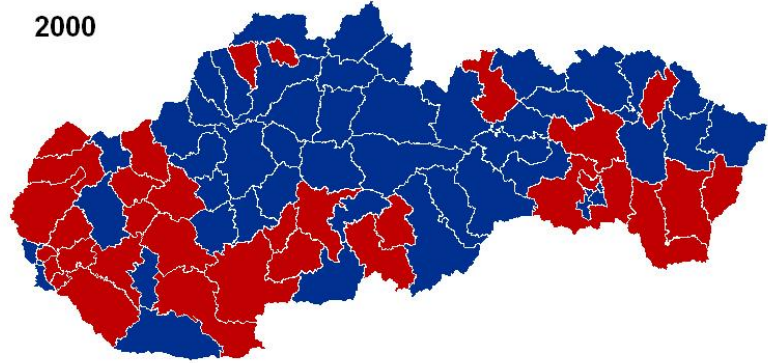
Graf 5.2.1 Zahraničná migrácia v SR
International migration in Slovakia



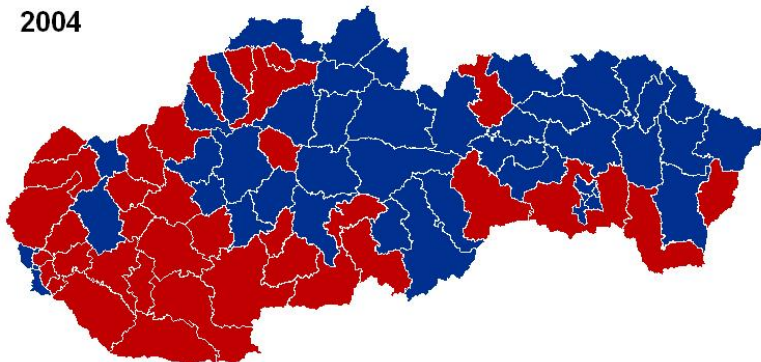
1996



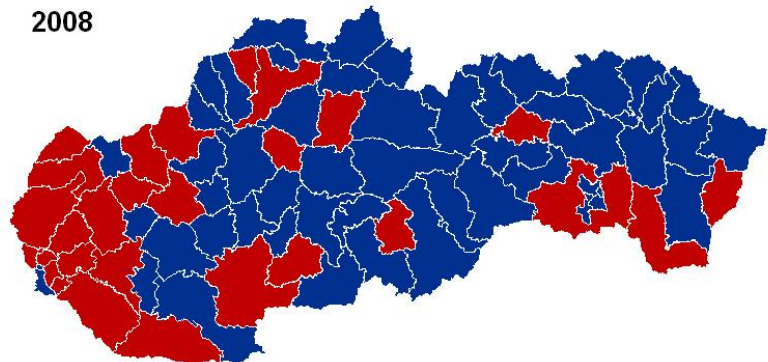
2000



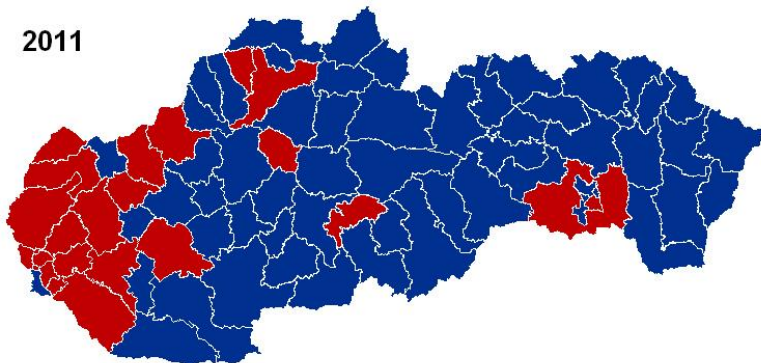
2004



2008



2011



Migration loss

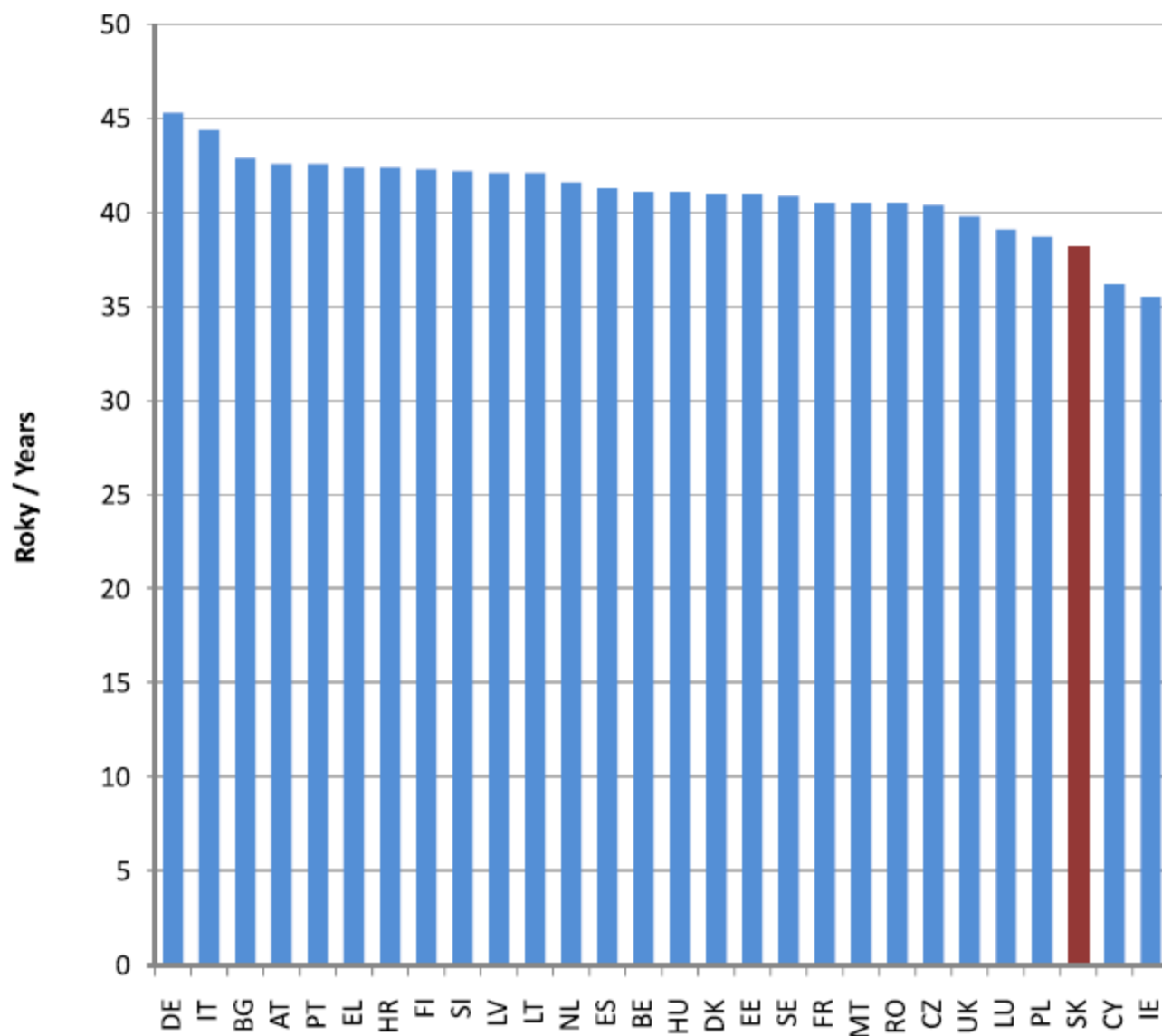


Migration surplus

Age structure

Graf 6.1.6

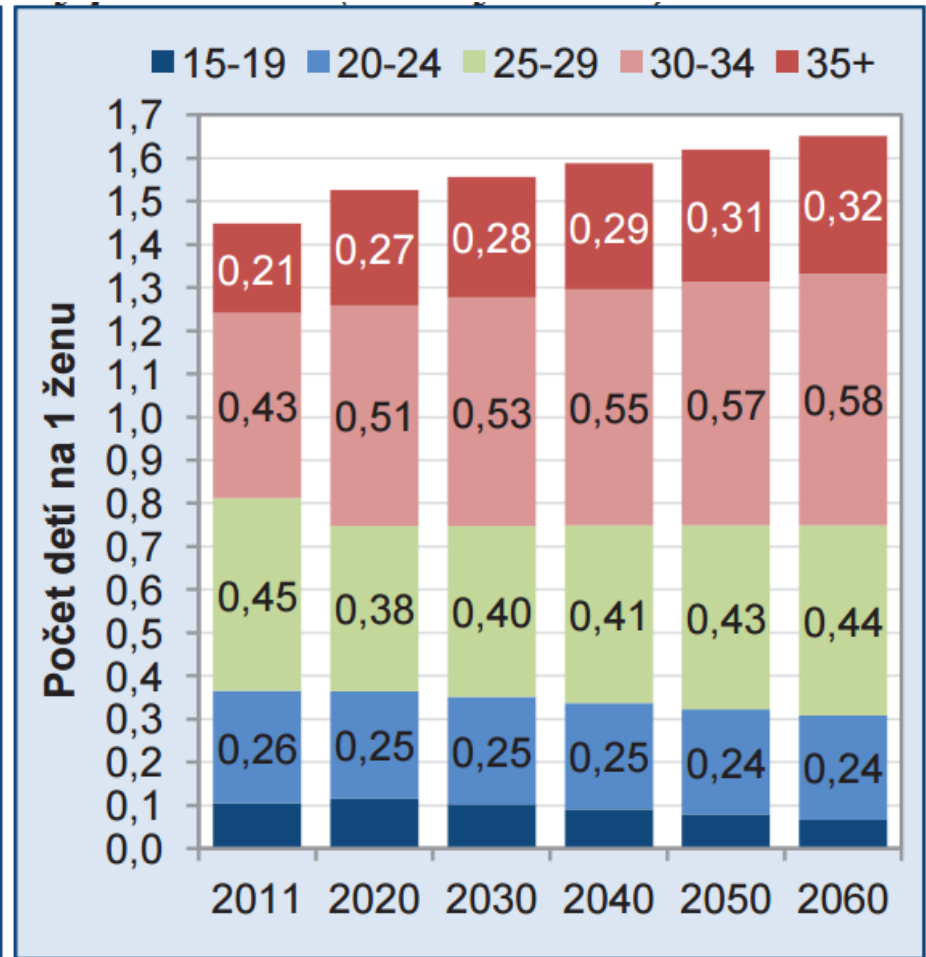
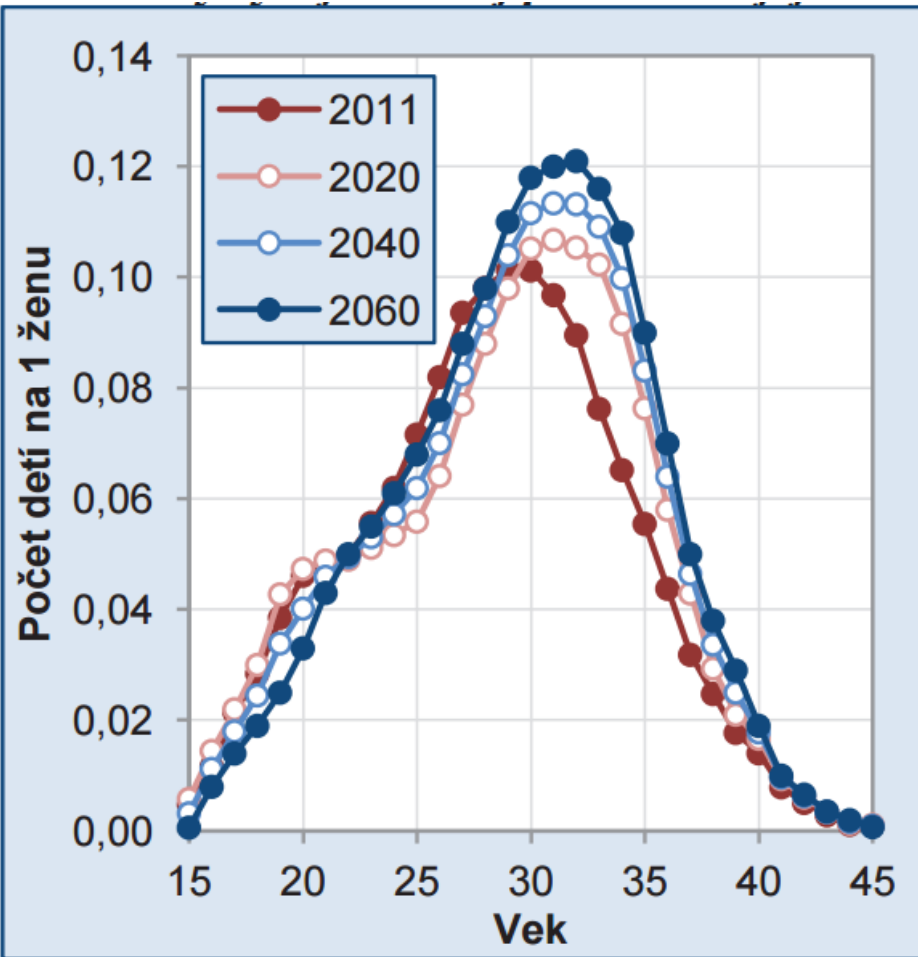
Mediánový vek v EÚ, 2012
Median age in the EU, 2012



Future outlook



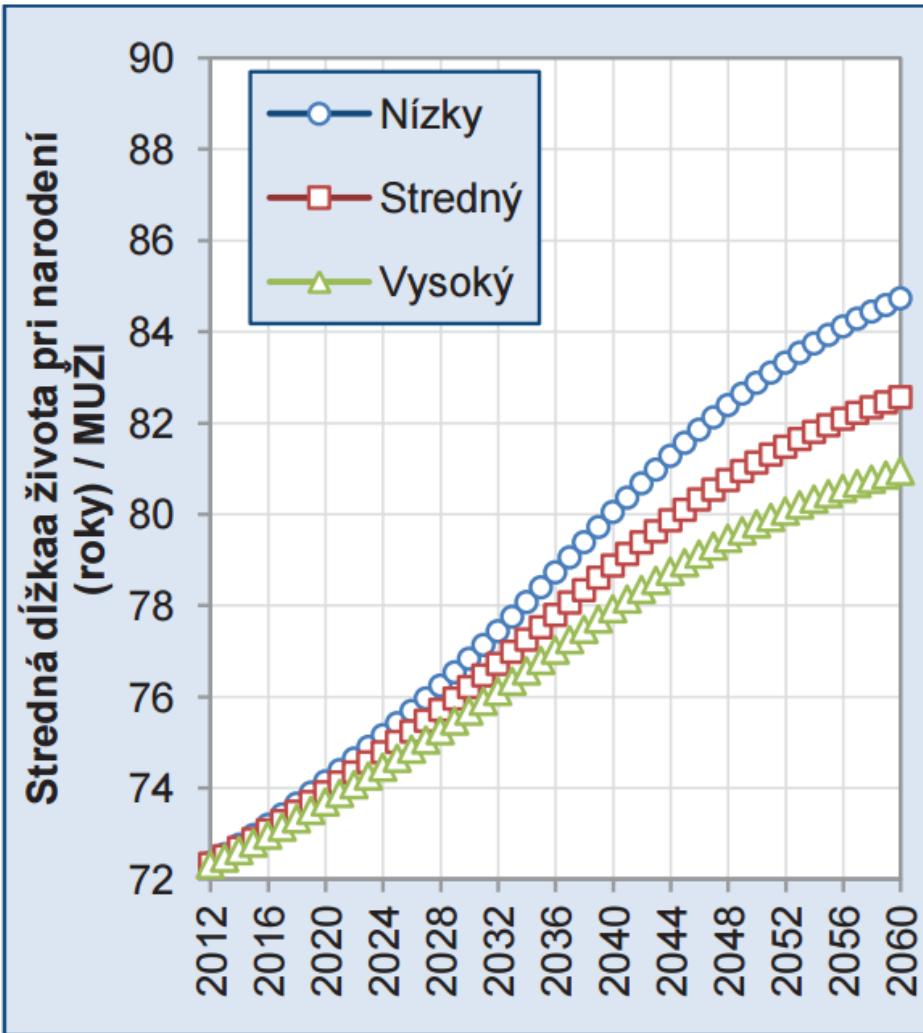
Timing of fertility



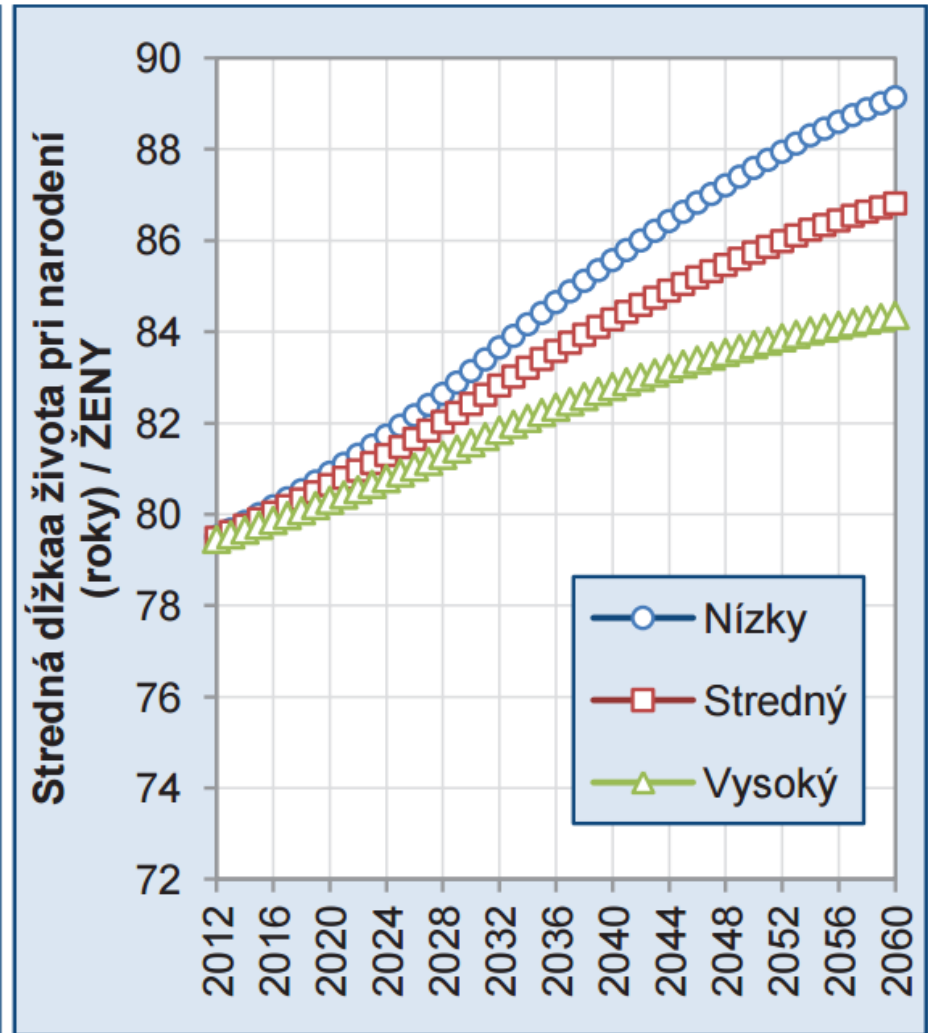
Source: Bleha, Šprocha and Vaňo, 2013, available at: <http://www.infostat.sk/vdc/pdf/Prognosa2060.pdf>

Life expectancy until 2060

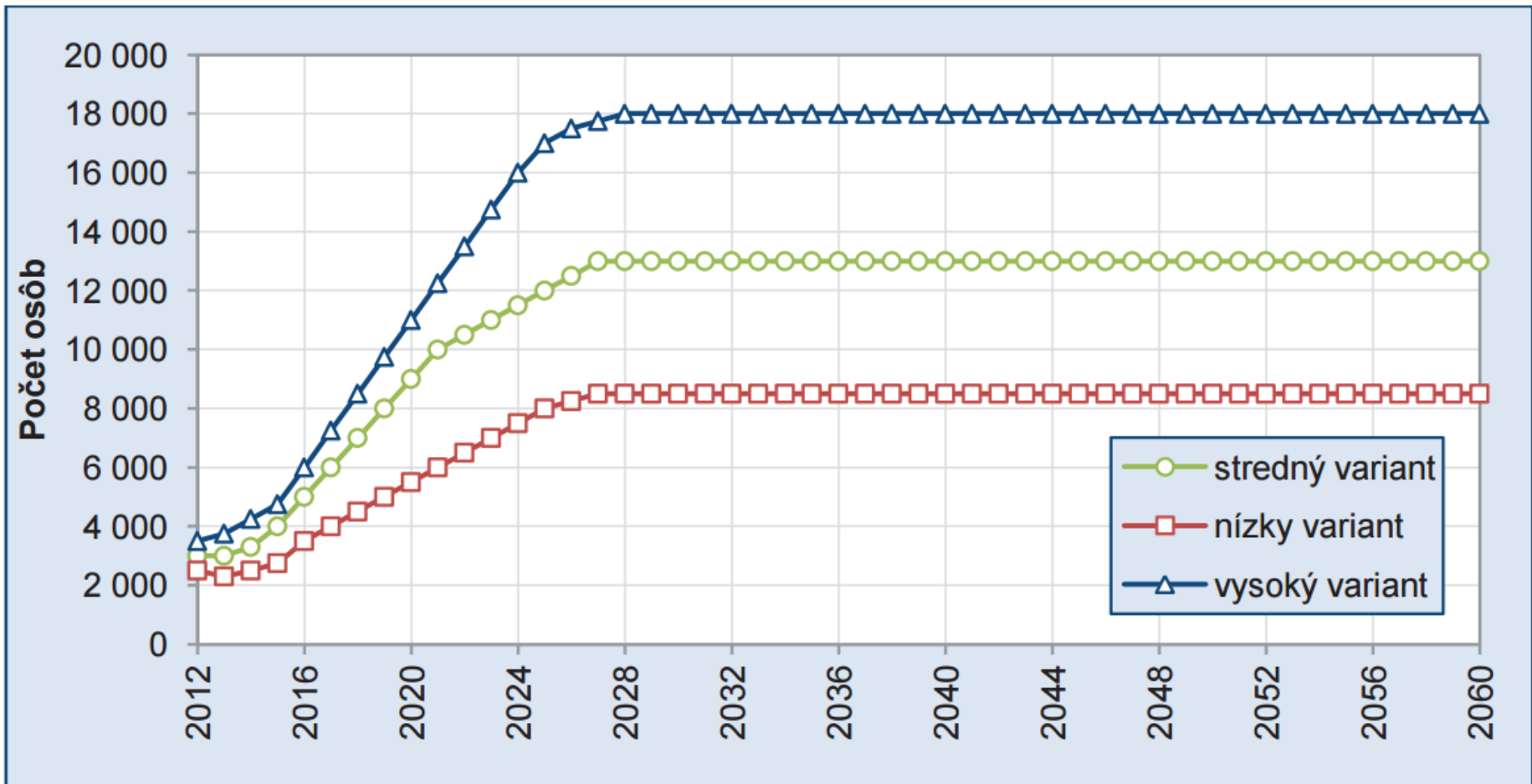
Males



Females

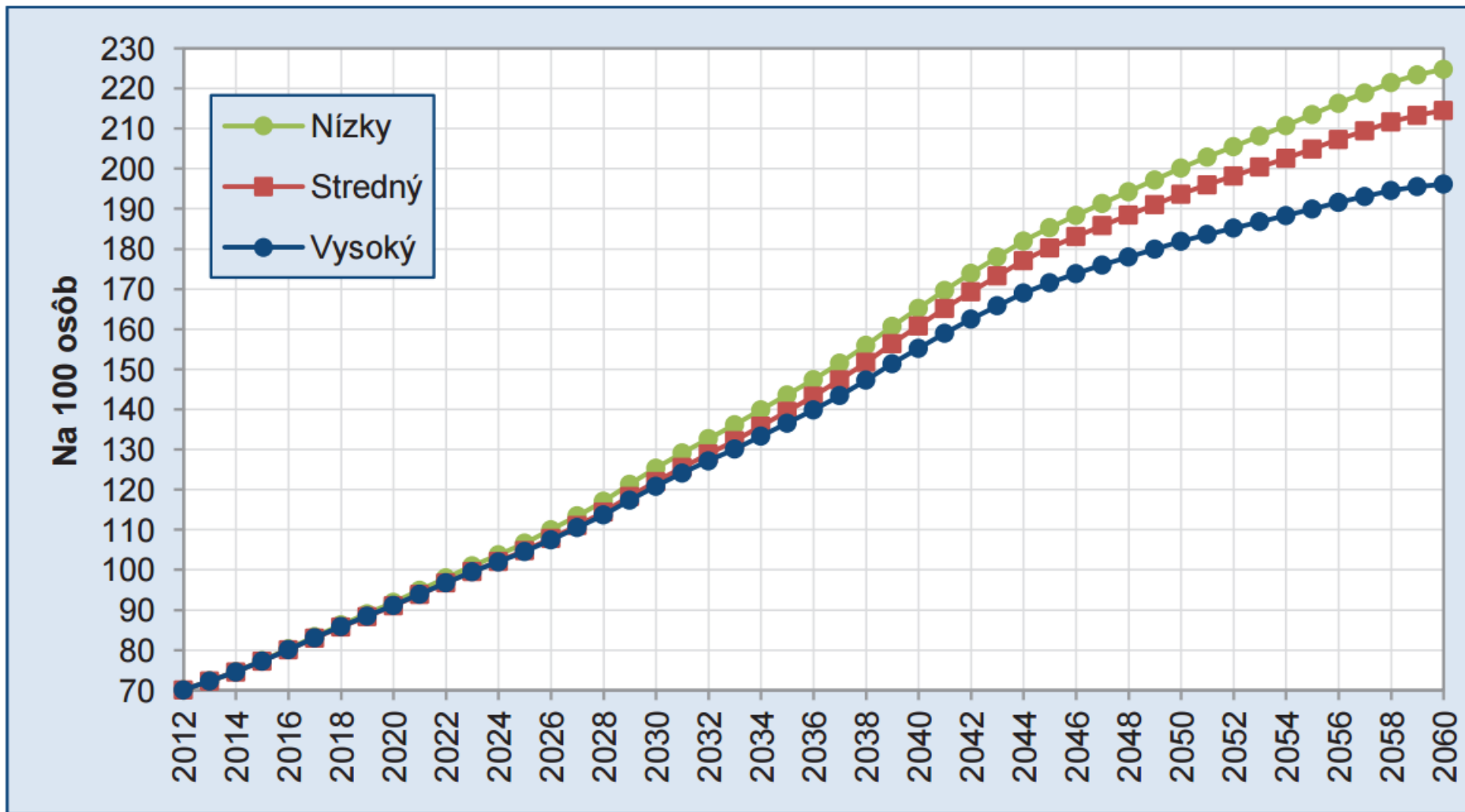


Net migration until 2060 (surplus = number of persons)

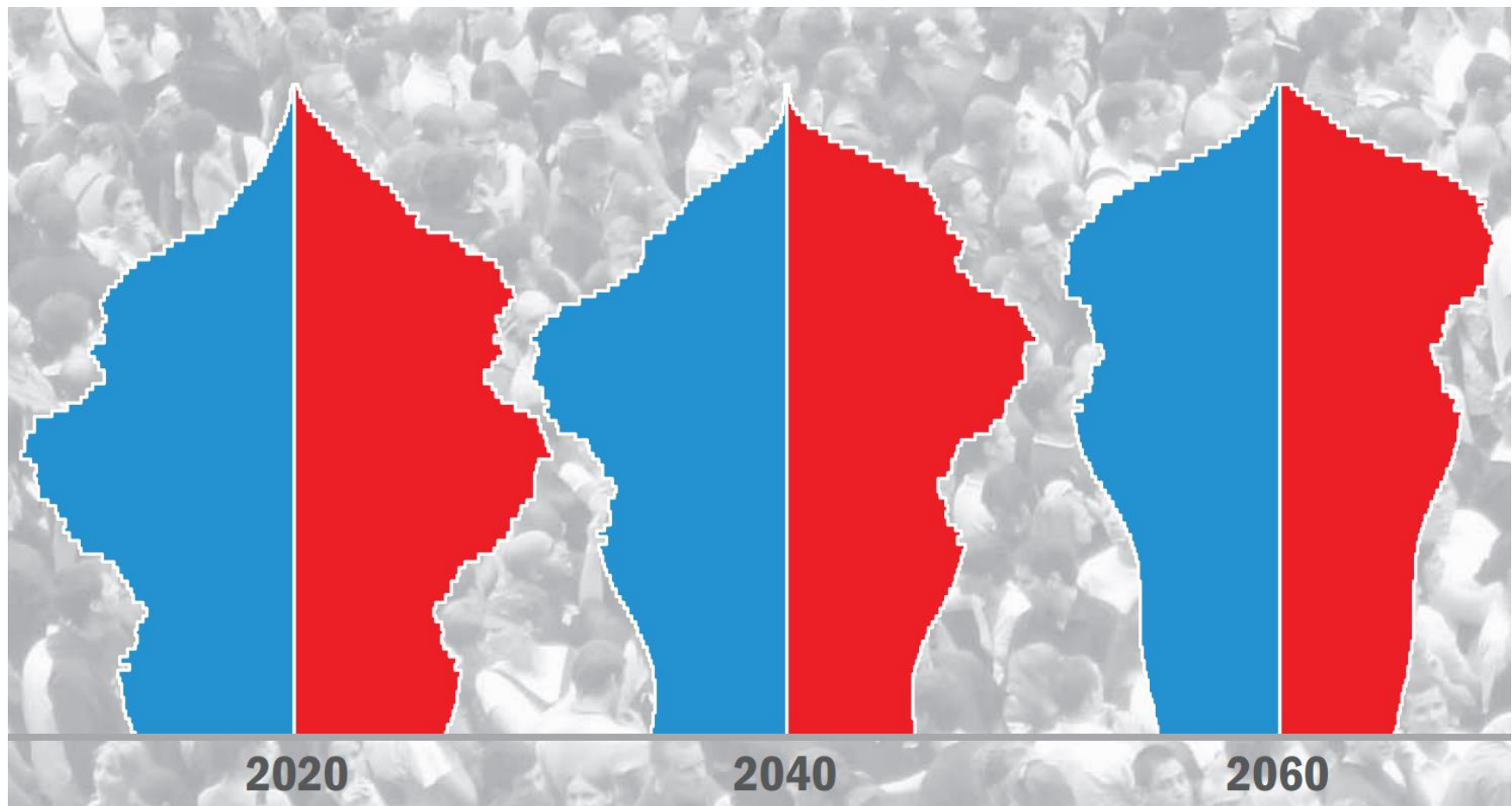


Source: Bleha, Šprocha and Vaňo, 2013, available at: <http://www.infostat.sk/vdc/pdf/Progniza2060.pdf>

Ageing index until 2060 (persons 65+ over 100 persons aged 0-14)



Source: Bleha, Šprocha and Vaňo, 2013, available at: <http://www.infostat.sk/vdc/pdf/Prognosa2060.pdf>



Source: Cut of title page of publication *Bleha, Šprocha and Vaňo, 2013*, available at:
<http://www.infostat.sk/vdc/pdf/Prognoza2060.pdf>

Thank you for attention.

***I also thank all authors of
Demographic Atlas of the Slovak
republic for using the figures.***