

# Eastern Europe World Bank 2017 Data Analysis

Team 8, Inc



# Considerations



If `variables.count() < 15`:  
`DoNotAnalyze()`

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**Andorra and San Marino** were **excluded** :

- Little information
  - Small geography and population
  - Located on western Europe
- 



**Kosovo** missing data **completed**:

- Research
  - Using median and mean
-

# History

## 1990's changes:

Communism → Democracy

Central Planning → Open market

Government Control → Private Citizen

Soviet Union → European Union





# Current Situation

“

According to the UN, of all the countries that are expected to shrink the most in the coming decades, the top 10 are all in the eastern half of the continent, and seven of those are in the European Union\*

”

- Post-communism transition
- Free to move to western Europe
- Brain drain

## Current Situation

The migration issue is extremely polarized between East and West Europe

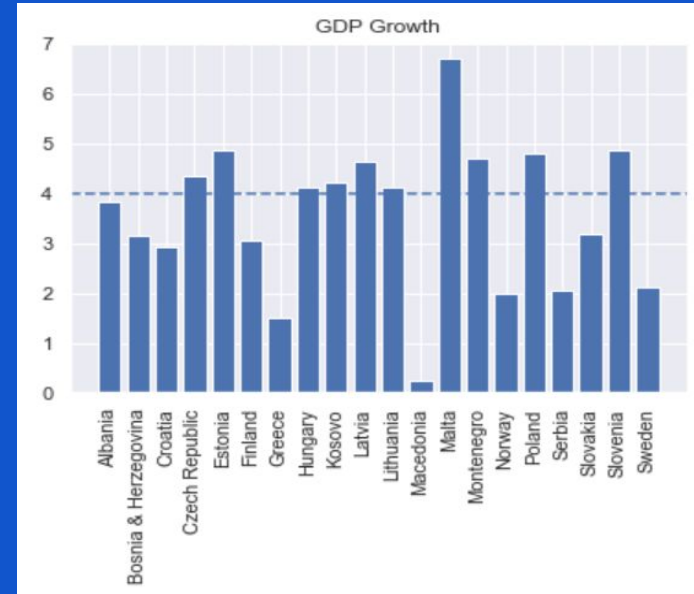
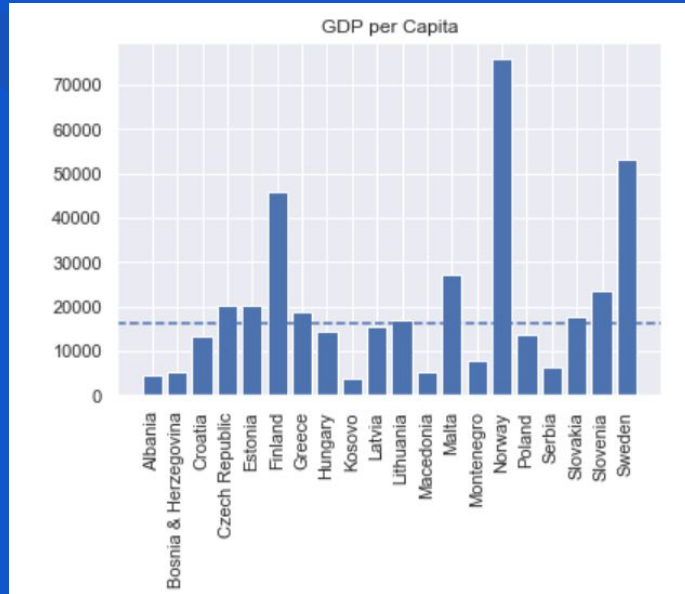




# Overview of the Region



# GDP Performance



Albania



Bosnia and  
Herzegovina



Croatia

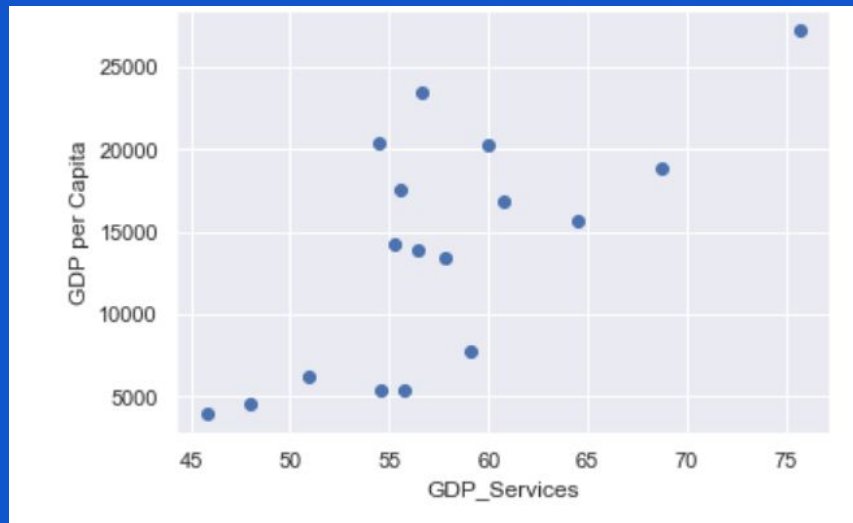


Macedonia



Serbia

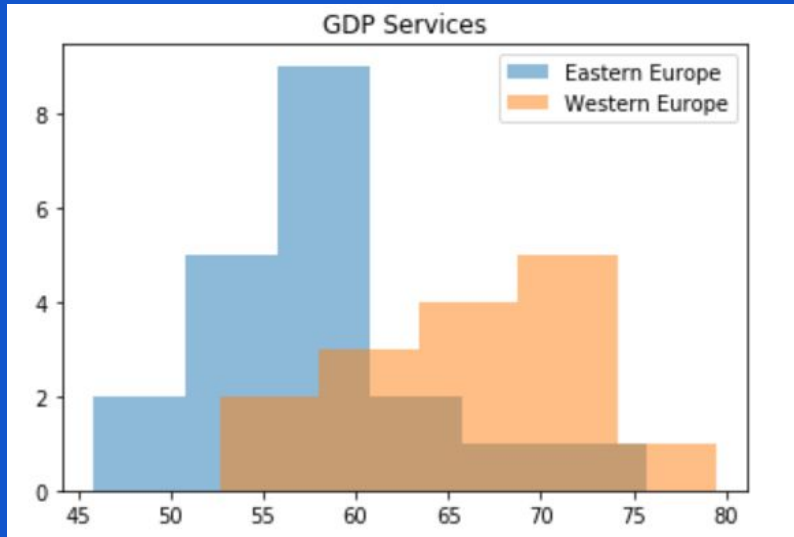
# GDP is comprised mostly by Services



... and there is correlation between GDP from Services and GDP per Capita

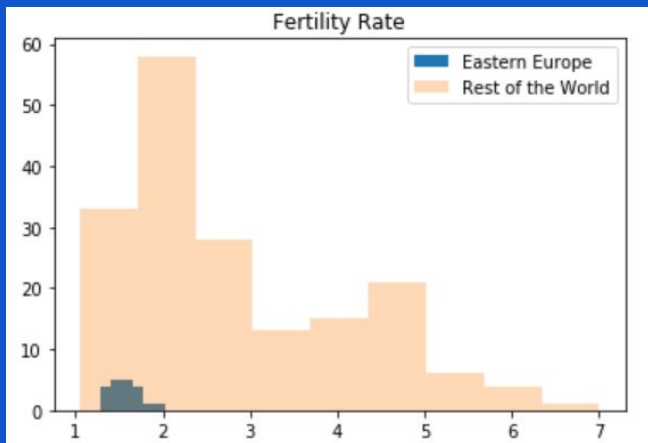


# Falling behind Western Europe



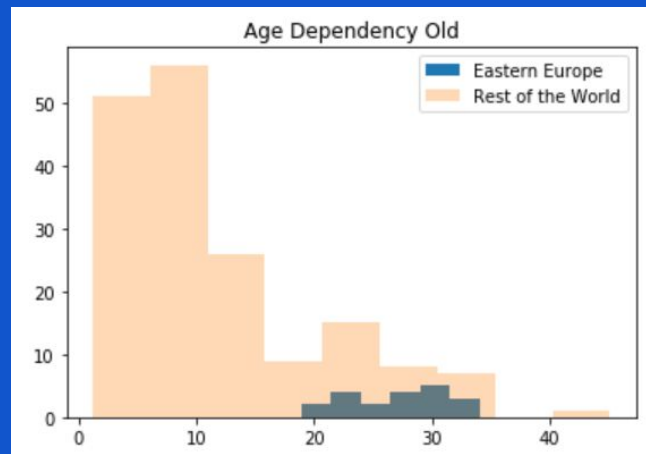
**Albania, Serbia and Kosovo** are the least focused on Services

# Demographics are not encouraging either



Eastern Europe's **fertility rate** among the **lowest** in the **world**

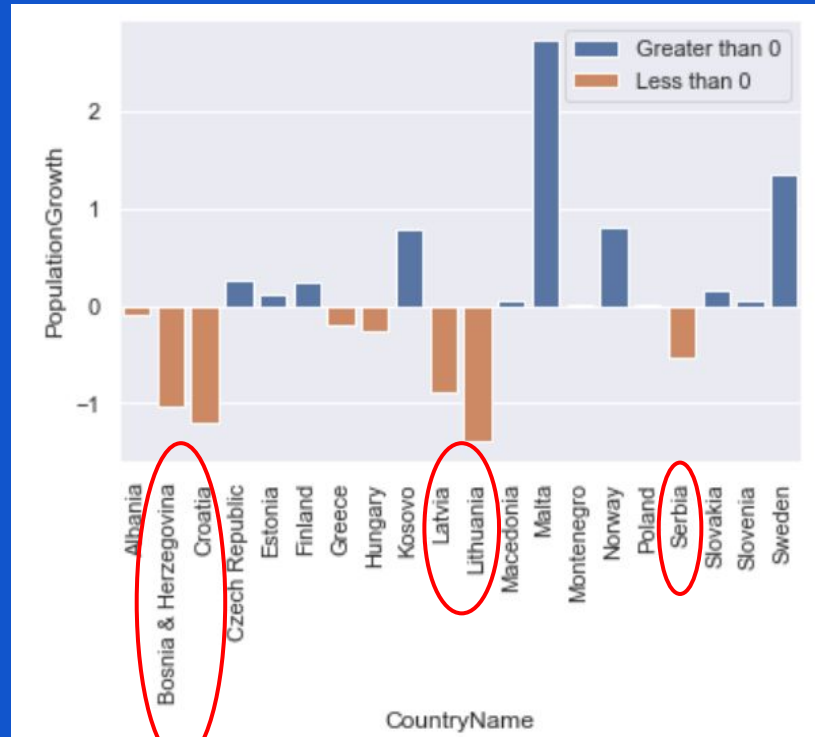
The proportion of **old people** who need **support** from working class is among the **highest** in the **world**



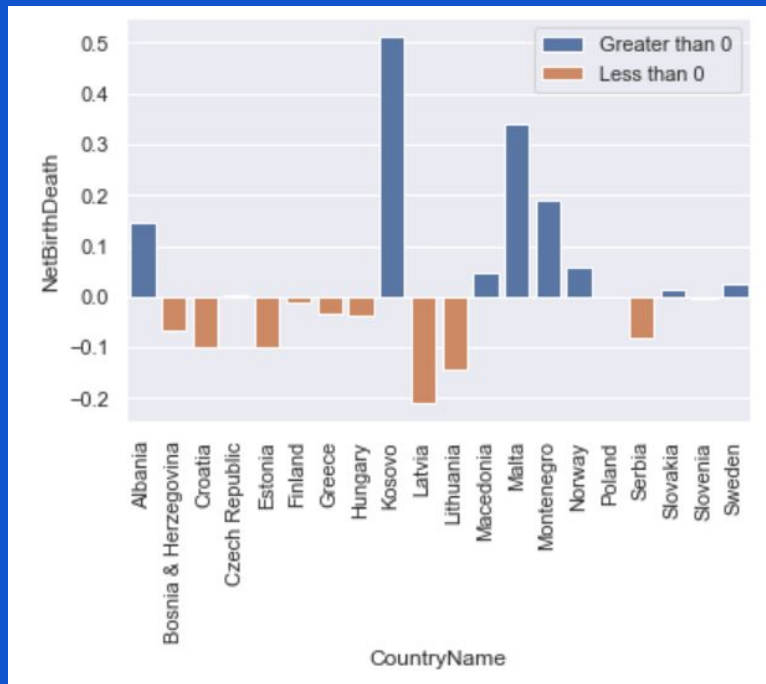
# Declining Population



Bosnia, Croatia, Latvia, Lithuania and Serbia have the highest population **decreasing** rate

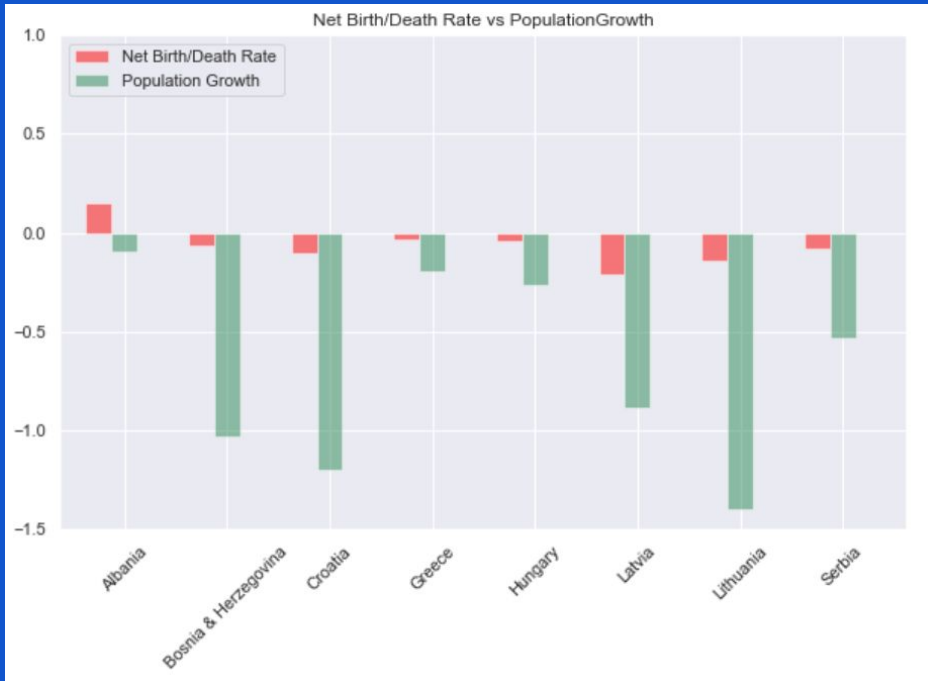


## But what is going on?



- Net birth rate is **negative** in **half** of the countries
- **More** people are **dying** than being born

# Proof of Migration?



There is a **gap** between net births/deaths and population growth

How do we explain it?



# Migration inside EU



# Crisis?

## The large scale

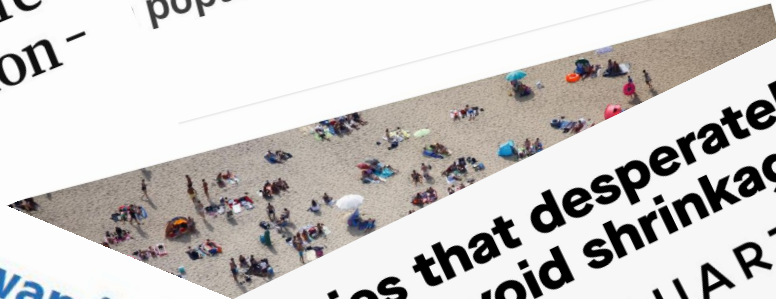
by Marcus Robert

Europe's south and east worry more about emigration than immigration - poll

**The Guardian**

on from eastern Europe raises population to record high

2 MIN READ



swap in

HIGH AND LOWS

Eastern Europe's Emigration Crisis

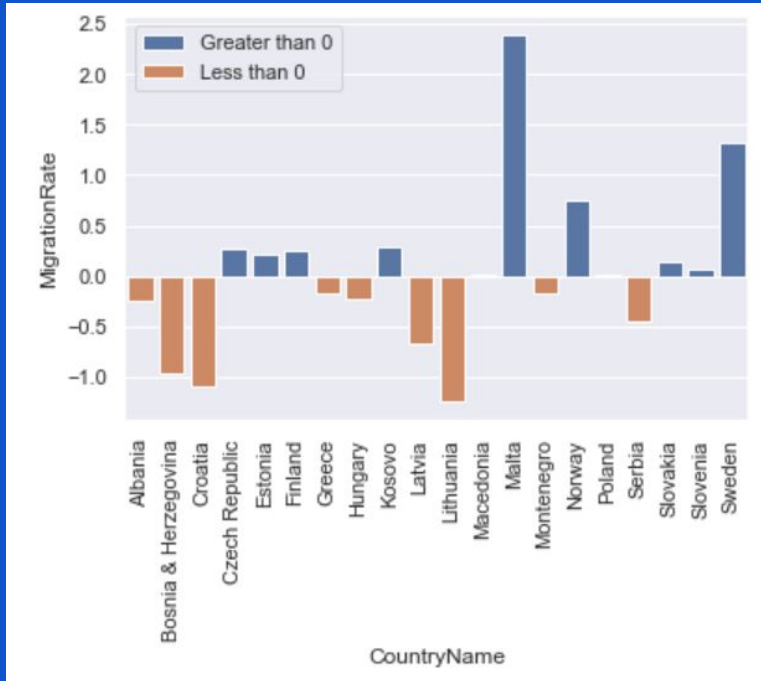


Quillette

EU countries that desperately migrants to avoid shrinkage— those that don't

QUARTZ

# Net Migration Rate



Albania



Bosnia and  
Herzegovina



Croatia



Greece



Hungary



Latvia



Lithuania



Montenegro

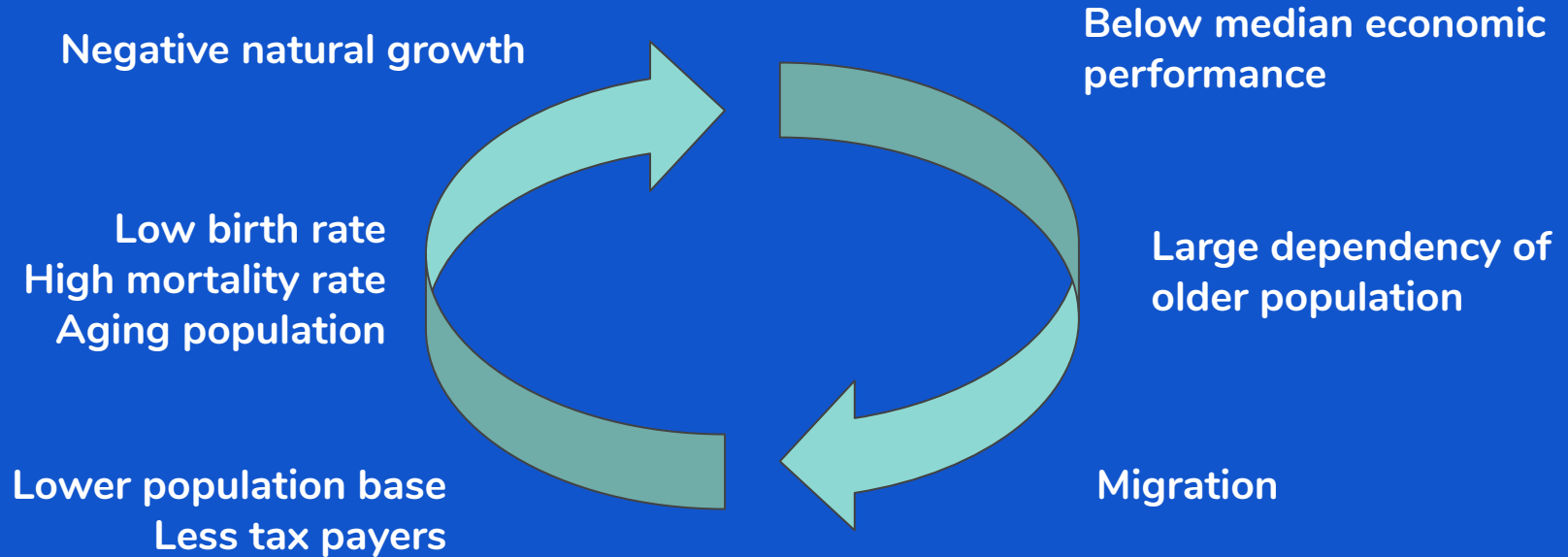


Serbia

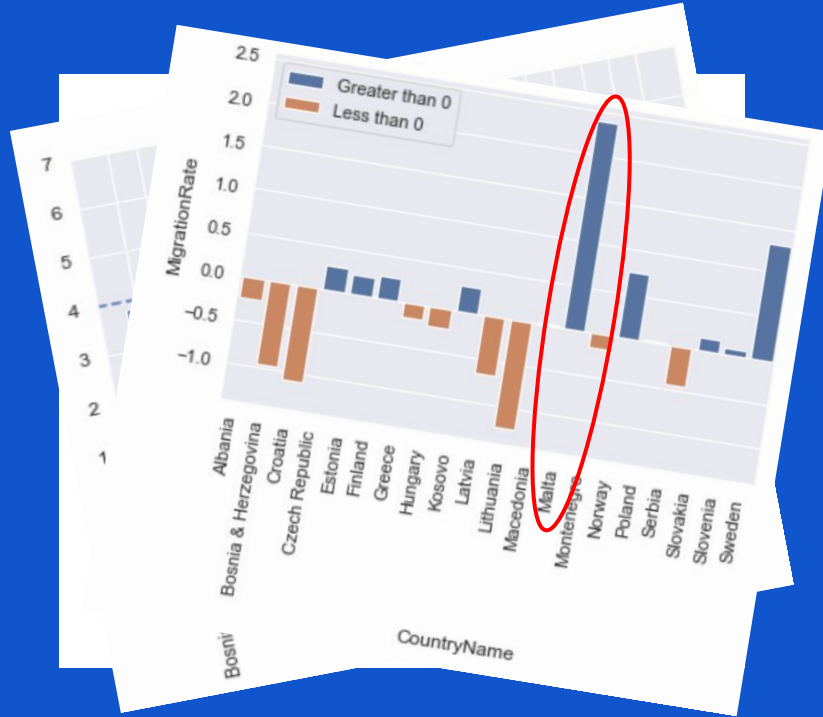
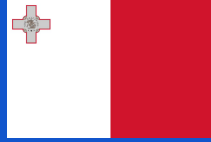
From the 9 countries, **Bosnia, Croatia, Latvia and Lithuania** are experiencing the **highest migration rates**



# Demographic Crisis



# But Malta!



- 4th **largest** GDP per capita in region
- Leading GDP growth in region
- Net **positive** migration
- People are moving to Malta!



# Conclusions

- **Eastern Europe** is currently suffering an **emigration crisis**
- Countries with **worst** economic **performance** are subject to **higher emigration** rates
- **Nordic** countries represent **outliers** regarding economic performance
- **Malta** highlights as the **fastest** in economic and population **growth**



# Thank you!

## Analysts:

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Monika Isahakyan  
Yinze Wu





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