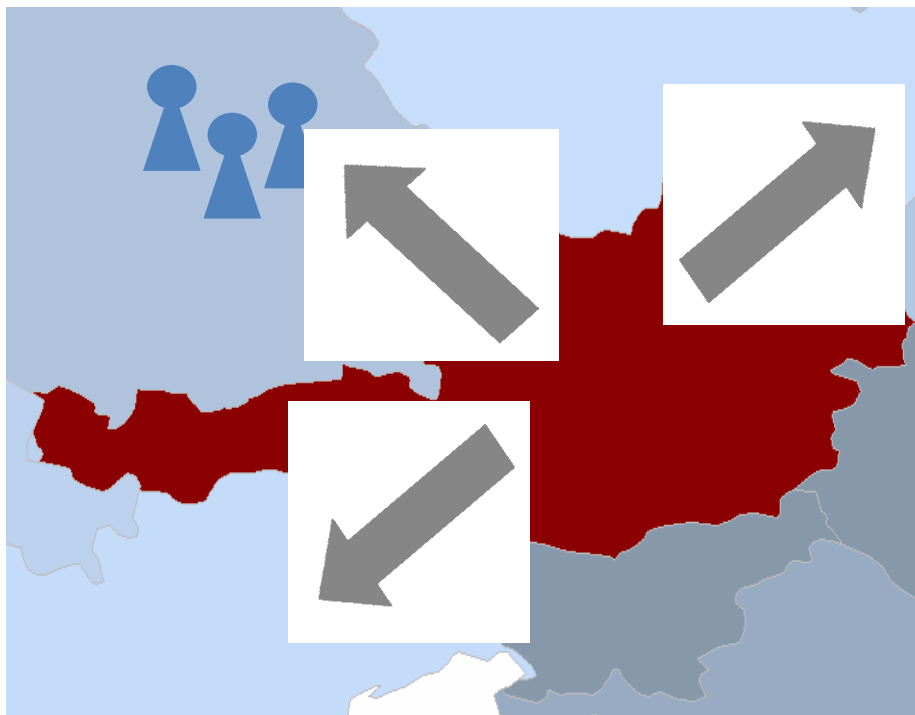


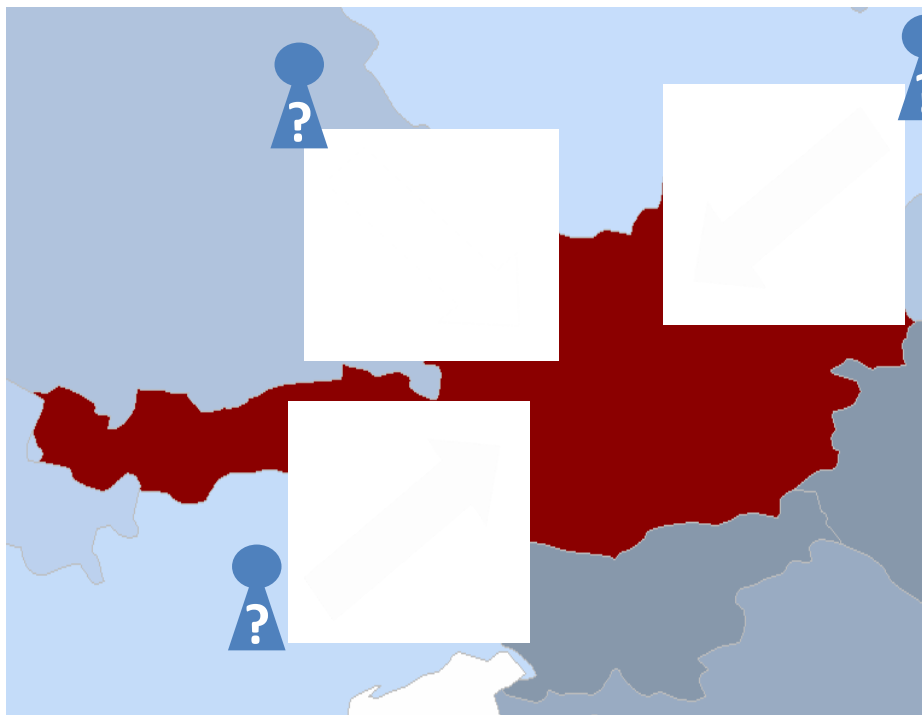


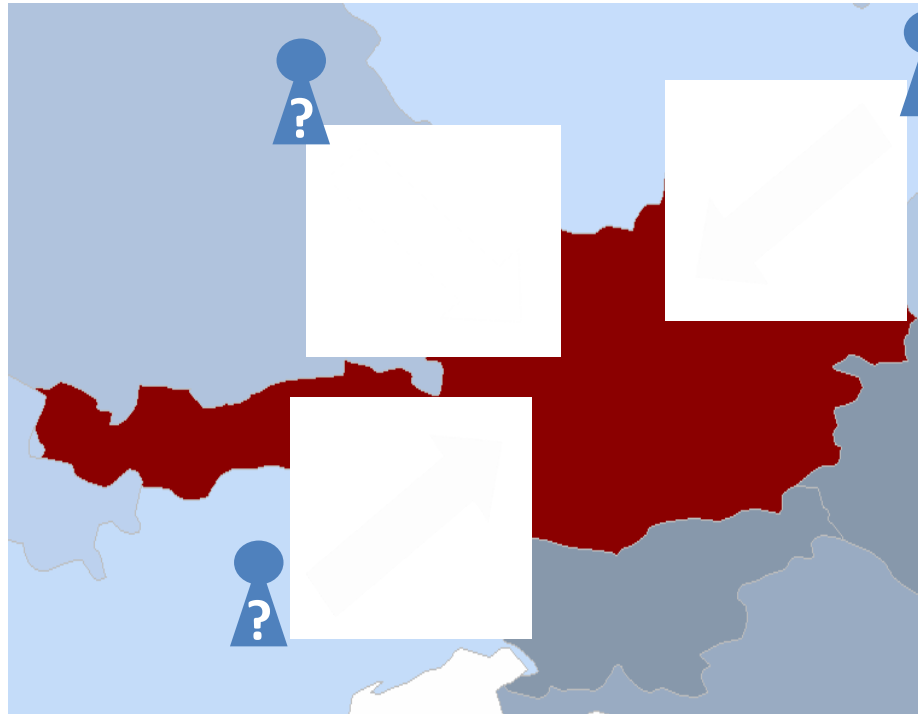
**Katrin Baumgartner**  
**Judith Forster**  
Statistics Austria

Copenhagen, 5 May 2017

# Measuring cross-border working in Austria with the EU-LFS







**Is the EU-LFS an appropriate source for analysing the group of cross-border workers?**

1. Definition of 'cross-border workers'
2. Development and structure of cross-border workers
3. Validity of the findings
4. Conclusion and outlook

# 1. Definition of 'cross-border workers'

## Working definition:

Cross-border workers are individuals with a **place of usual residence** in one country and a **place of work** in another country.

## Related issues:

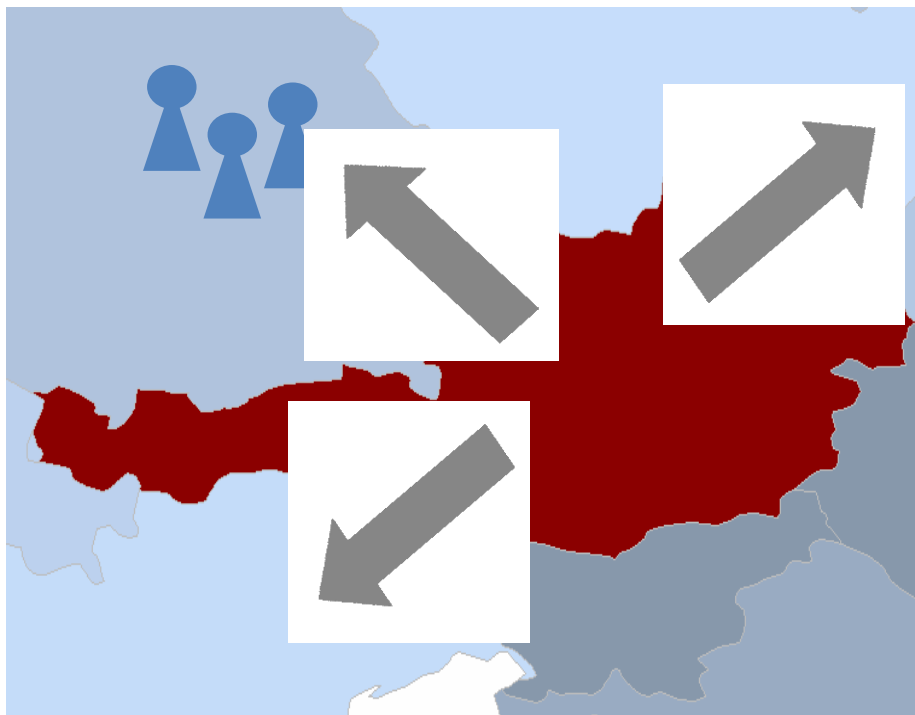
Definition of resident population

Several subgroups of cross-border workers

1. Definition of 'cross-border workers'
- 2. Development and structure of cross-border workers**
3. Validity of the findings
4. Conclusion and outlook

## 2. Development and structure of cross-border workers

### Out-going workers



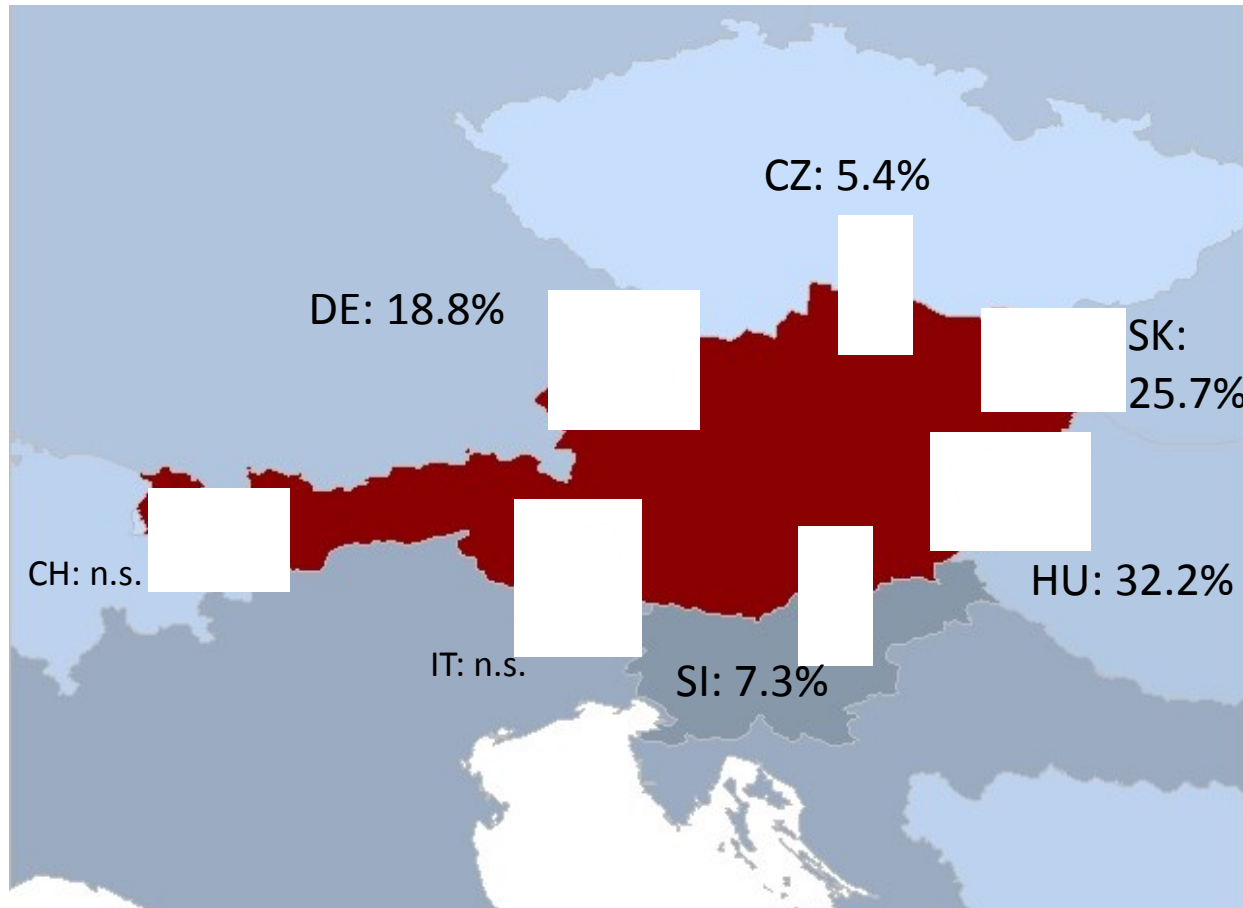
2007: 53 900 out-going workers

2015: 62 800 out-going workers



## 2. Development and structure of cross-border workers

### In-coming workers



2007: 76 200 in-coming workers (thereof 68 700 from neighbouring countries)

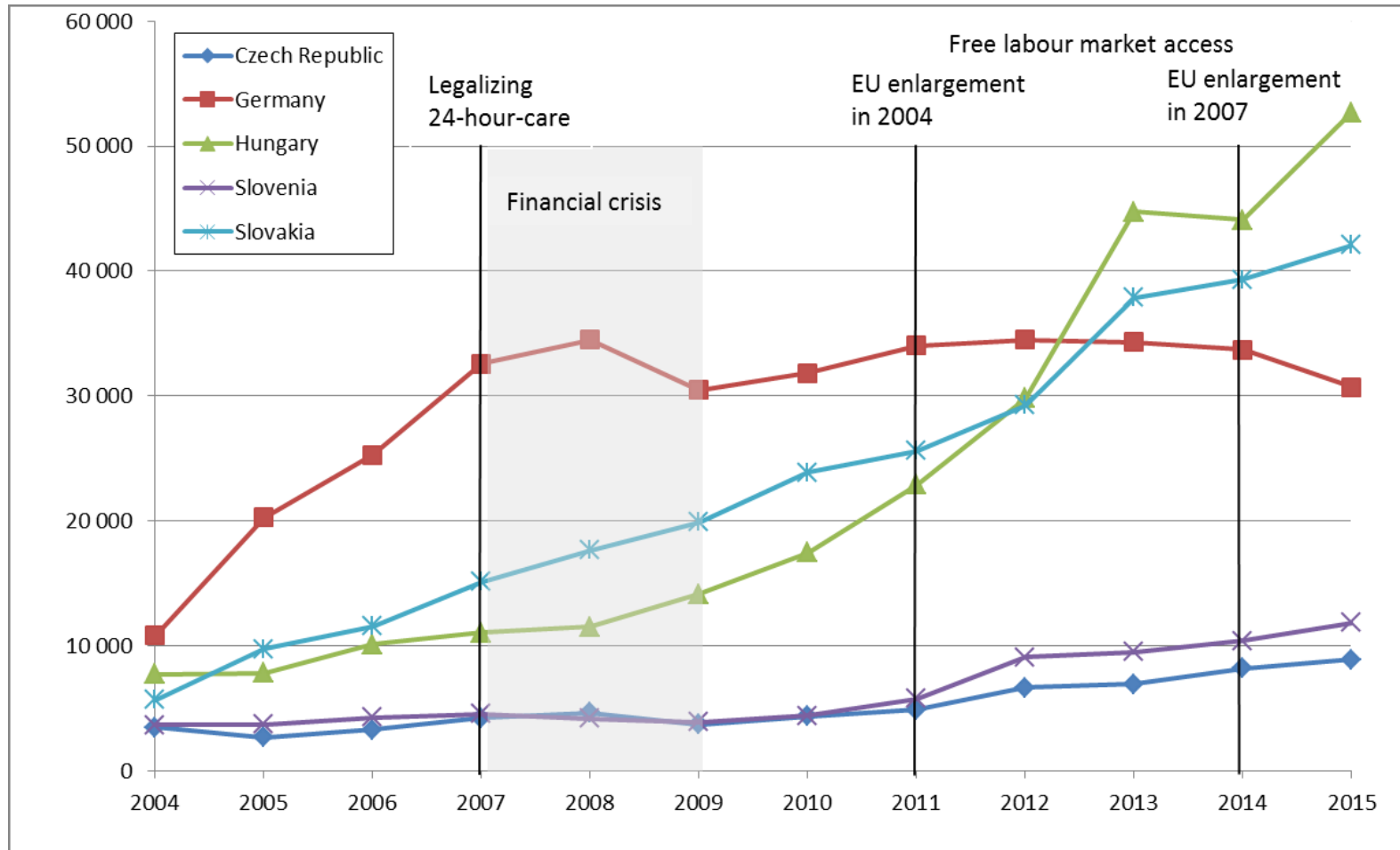
2015: 163 600 in-coming workers (thereof 148 700 from neighbouring countries)

### Historical developments in Austria & the EU:

- 2007: Legalization of 24-hour-care (AT)
- 2007/2008: Financial crisis
- Free labour market access in:
  - 2011: EU enlargement 2004 (EE, LV, LT, PL, CZ, SK, HU, SI, MT, CY)
  - 2014: EU enlargement 2007 (BG, RO)
  - 2020: EU enlargement 2013 (HR)

## 2. Development and structure of cross-border workers

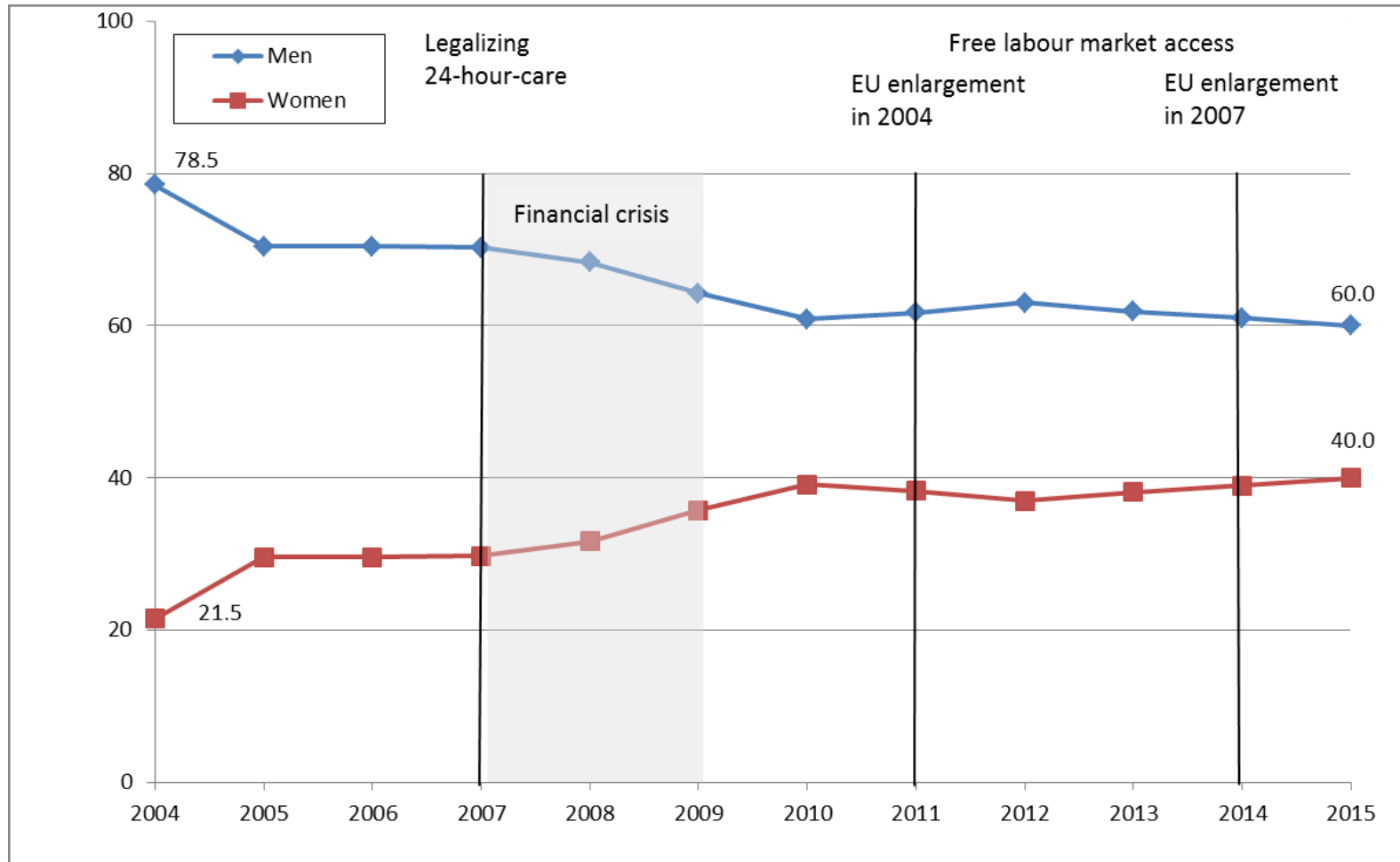
In-coming workers from 2004 to 2015 by countries of origin, in 1 000



Source: EUROSTAT, LFS data

## 2. Development and structure of cross-border workers

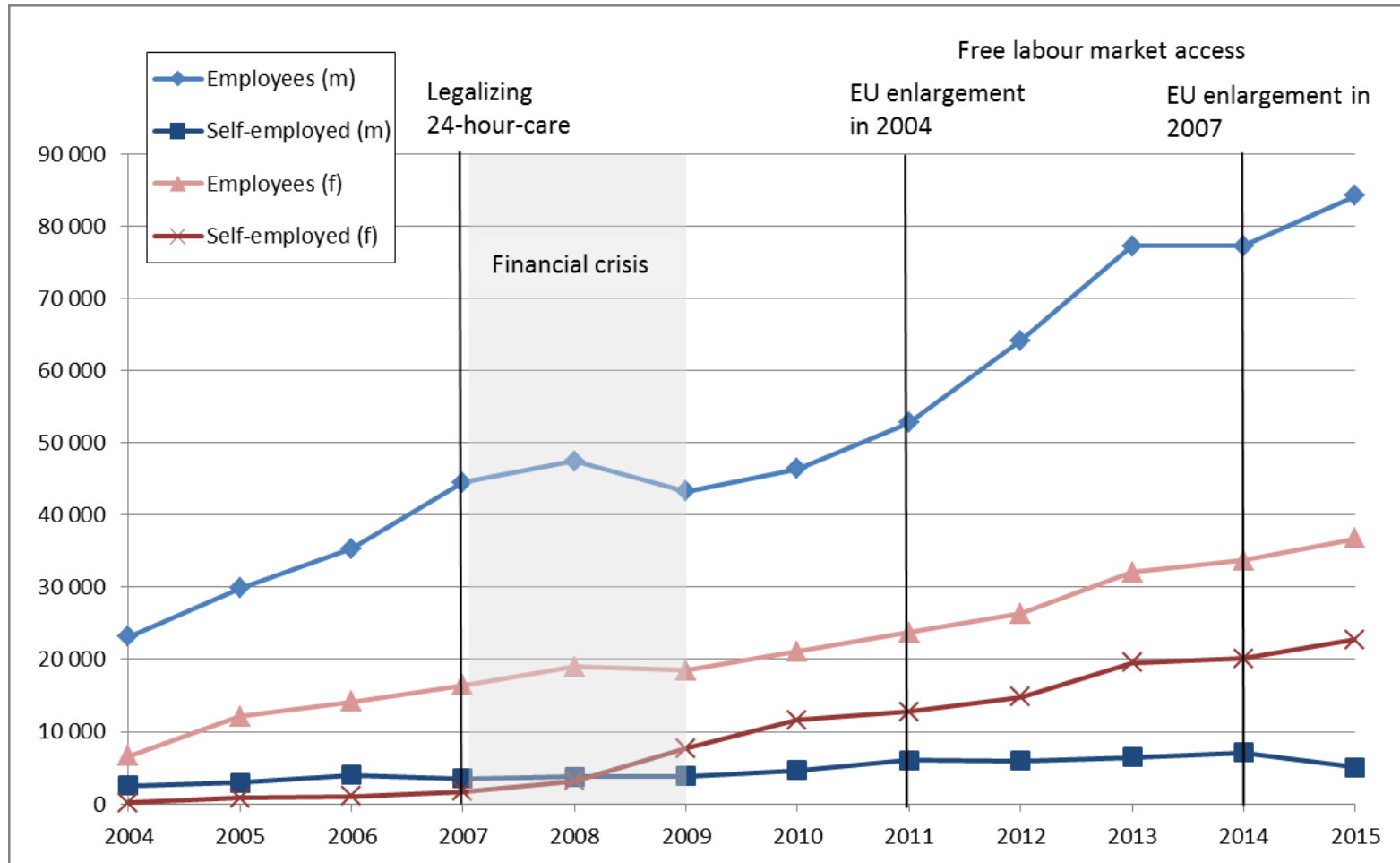
In-coming workers from 2004 to 2015 by sex, in %



Source: EUROSTAT, LFS data on CZ, SK, HU, SI, IT, DE, CH

## 2. Development and structure of cross-border workers

In-coming workers from 2004 to 2015 by professional status and sex, in 1 000



Source: EUROSTAT, LFS data on CZ, SK, HU, SI, IT, DE, CH. Until 2010 without SK (unknown cases).

1. Definition of 'cross-border workers'
2. Development and structure of cross-border workers
- 3. Validity of the findings**
4. Conclusion and outlook

### 3. Validity of the findings for Austria

---

#### Comparison with register-based statistics

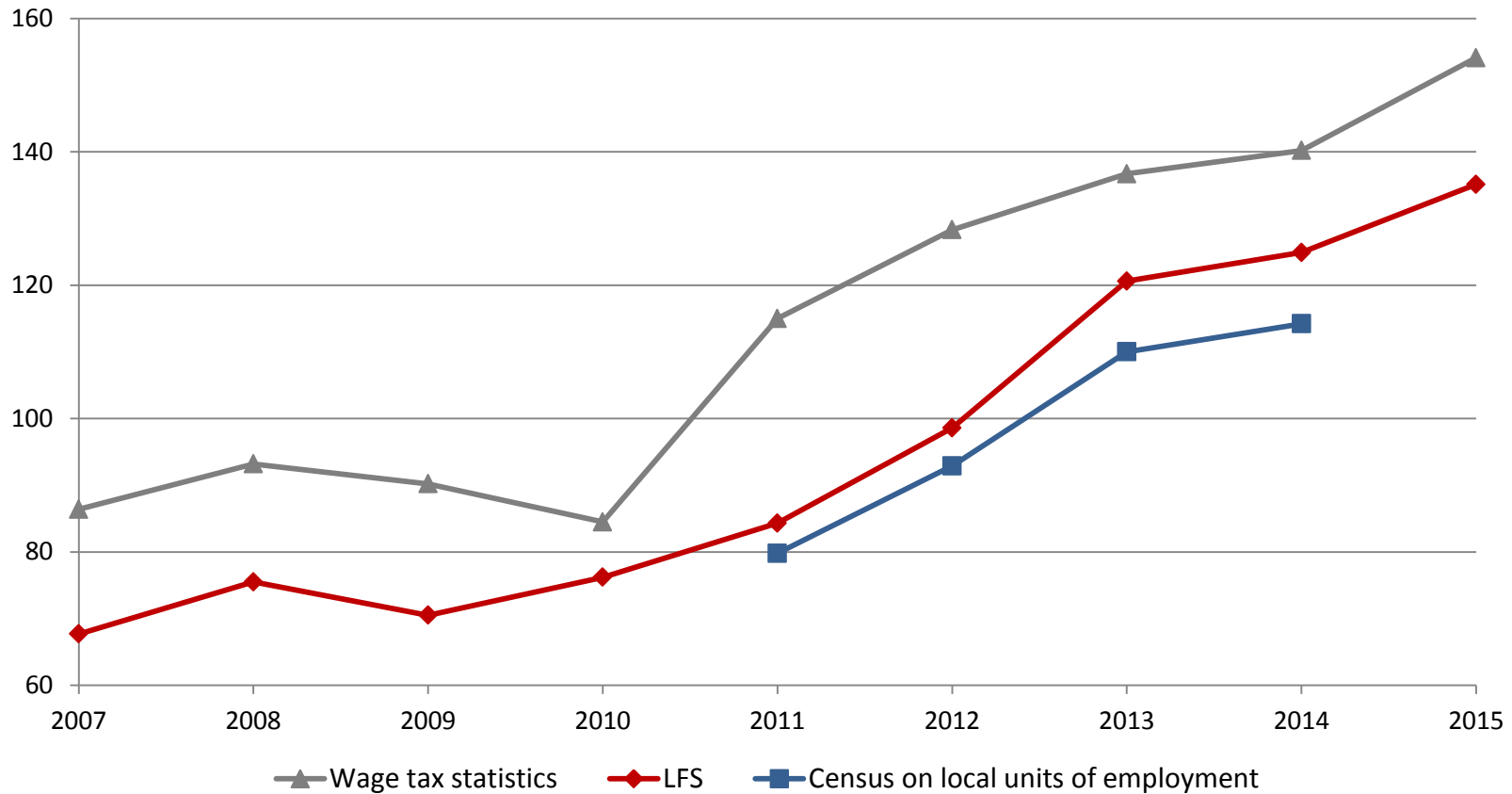
##### 2 national data sources:

- Wage tax statistics
- Census on local units of employment

### 3. Validity of the findings for Austria

## In-coming cross-border workers in Austria

Employees only, in 1 000



Source: ESTAT, Statistics Austria



1. Definition of 'cross-border workers' in the EU-LFS data
2. Development and structure of cross-border workers
3. Validity of the findings for Austria
- 4. Conclusion and outlook**

### Cross-border workers in EU-LFS:

- analysing small groups not possible due to sampling error
  - no distinction between subgroups of cross-border workers
  - different concepts of residence
- 
- + similar numbers as register-based statistics in AT
  - + internationally harmonised concepts of employment
  - + analysis of time series possible
  - + timeliness of data

*Please address queries to:*

*Katrin Baumgartner*

*Judith Forster*

*Contact information:*

*Guglgasse 13, 1110 Vienna*

*[katrin.baumgartner@statistik.gv.at](mailto:katrin.baumgartner@statistik.gv.at)*

*[judith.forster@statistik.gv.at](mailto:judith.forster@statistik.gv.at)*

# Thank you!