

# World Renaissance: Changing roles for people and places

 ersa  
55th Congress

Lisbon, Portugal

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## Determinants of location evaluation and choice of residence

An empirical analysis of the city of Moenchengladbach

Prof. Dr. Rüdiger Hamm

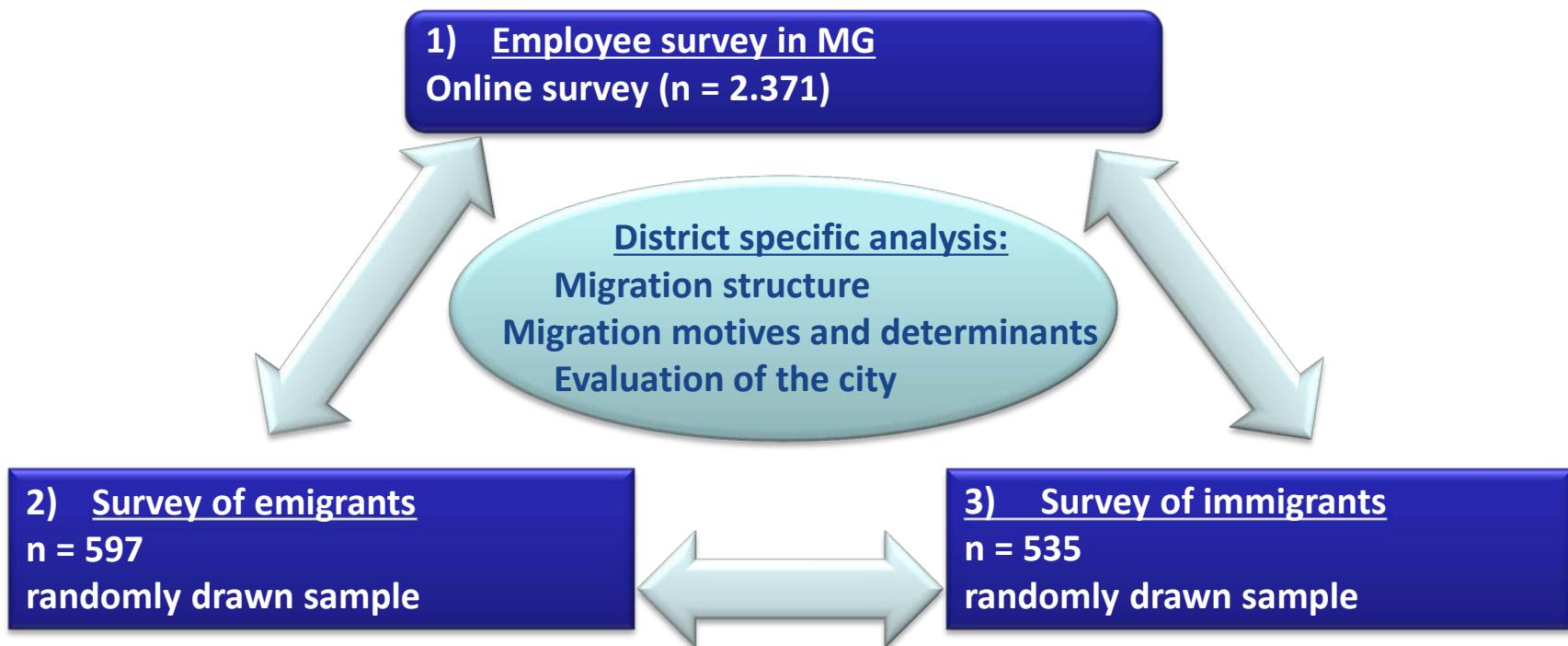
Angelika Jäger, M.A.

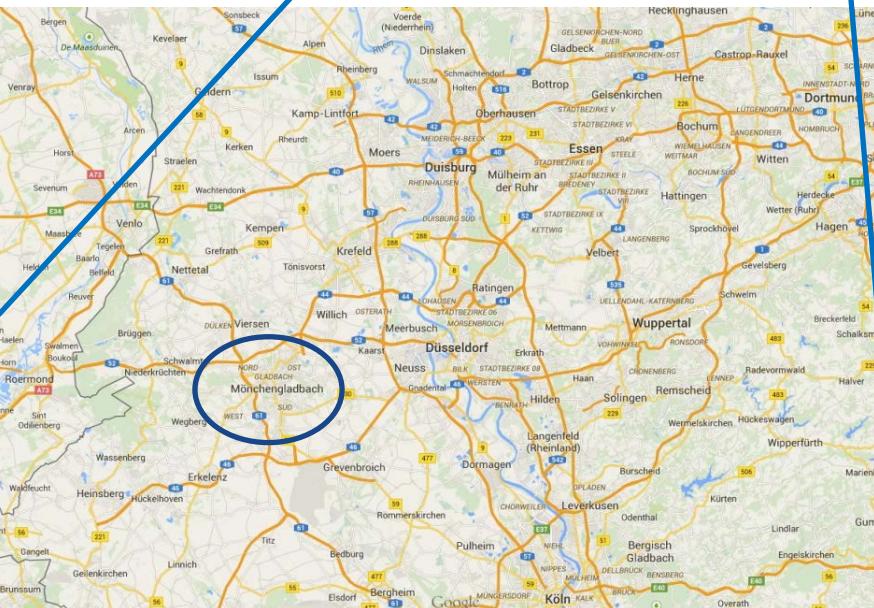
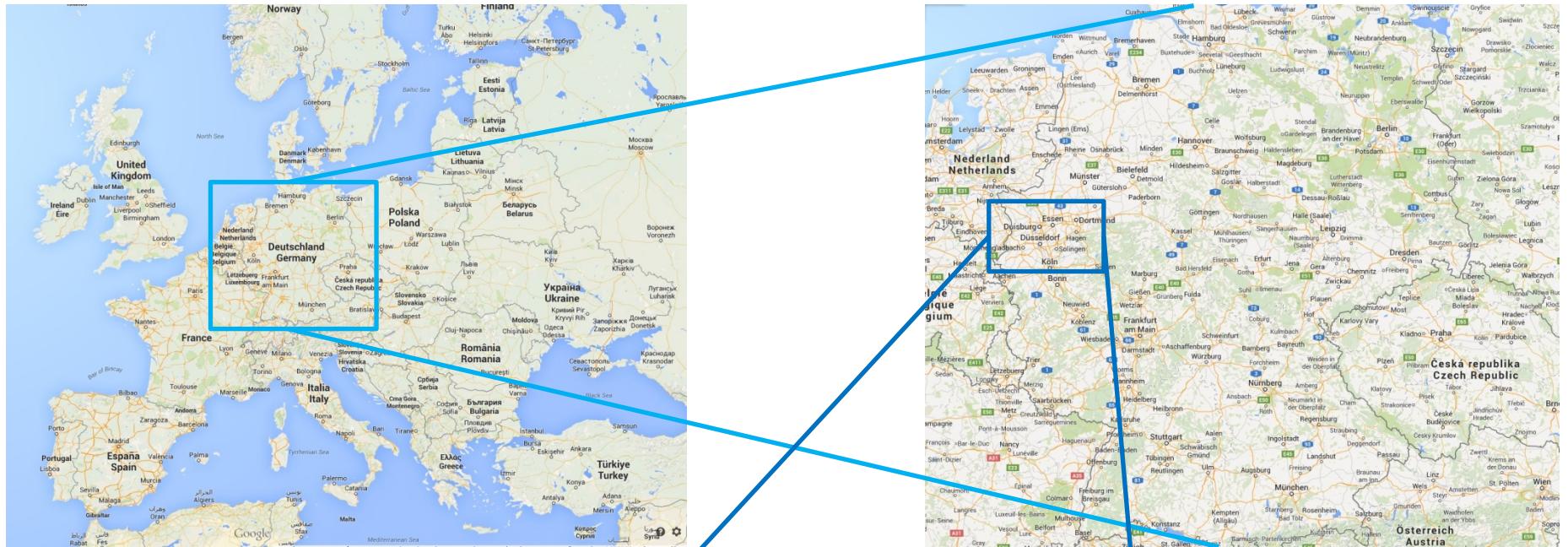
Katja Keggenhoff, Dipl. Geogr.

**NIERS – Niederrhein Institute for Regional and Structural Research**

# MG Bewegt

- Target group specific analysis of migration processes and motives concerning the living and working location Moenchengladbach, 2014
- Location evaluation and migration analysis of private households



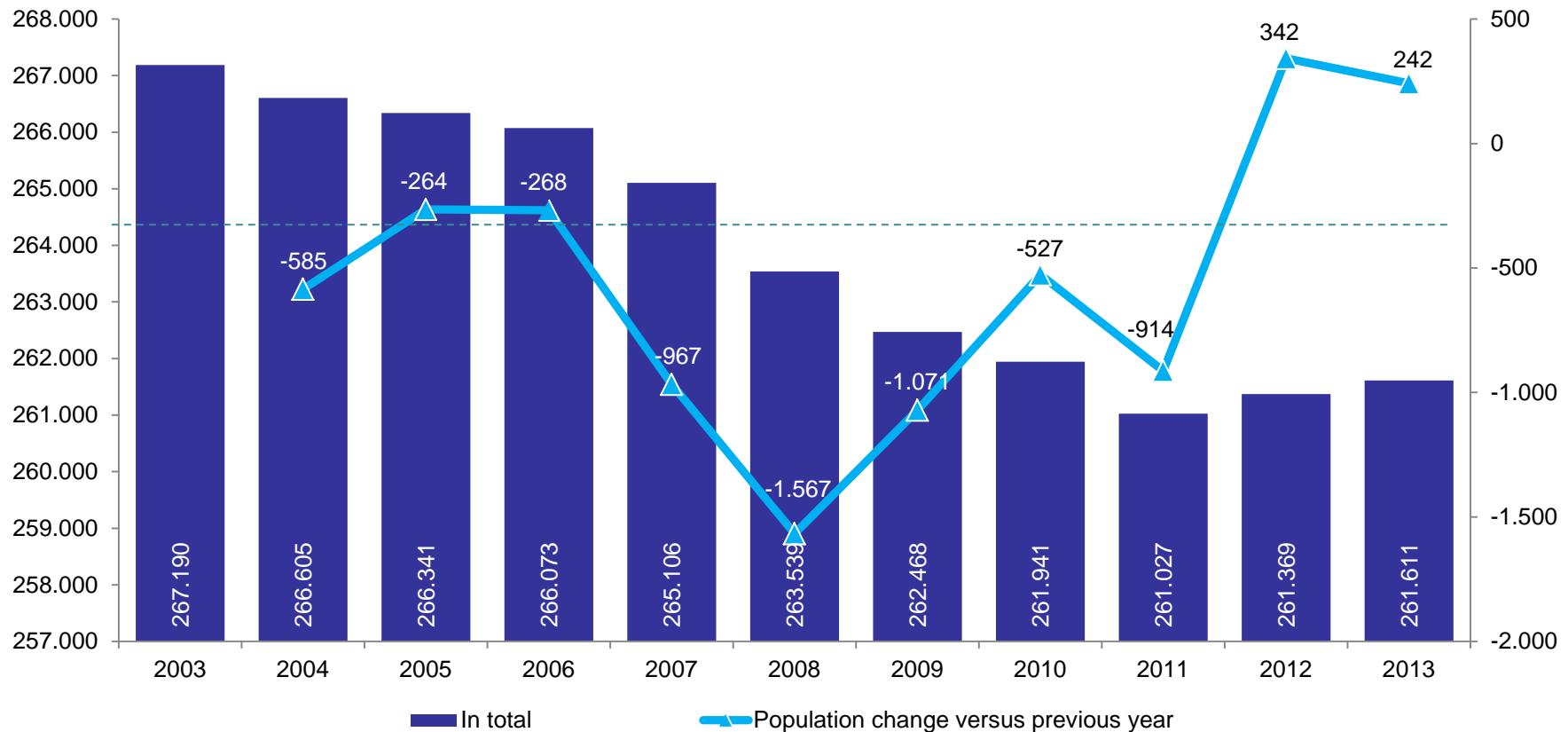


Hamm / Jäger / Keggenhoff | 55th ERSA Congress – Lisbon, Portugal

Source: Own illustration based on Google Maps

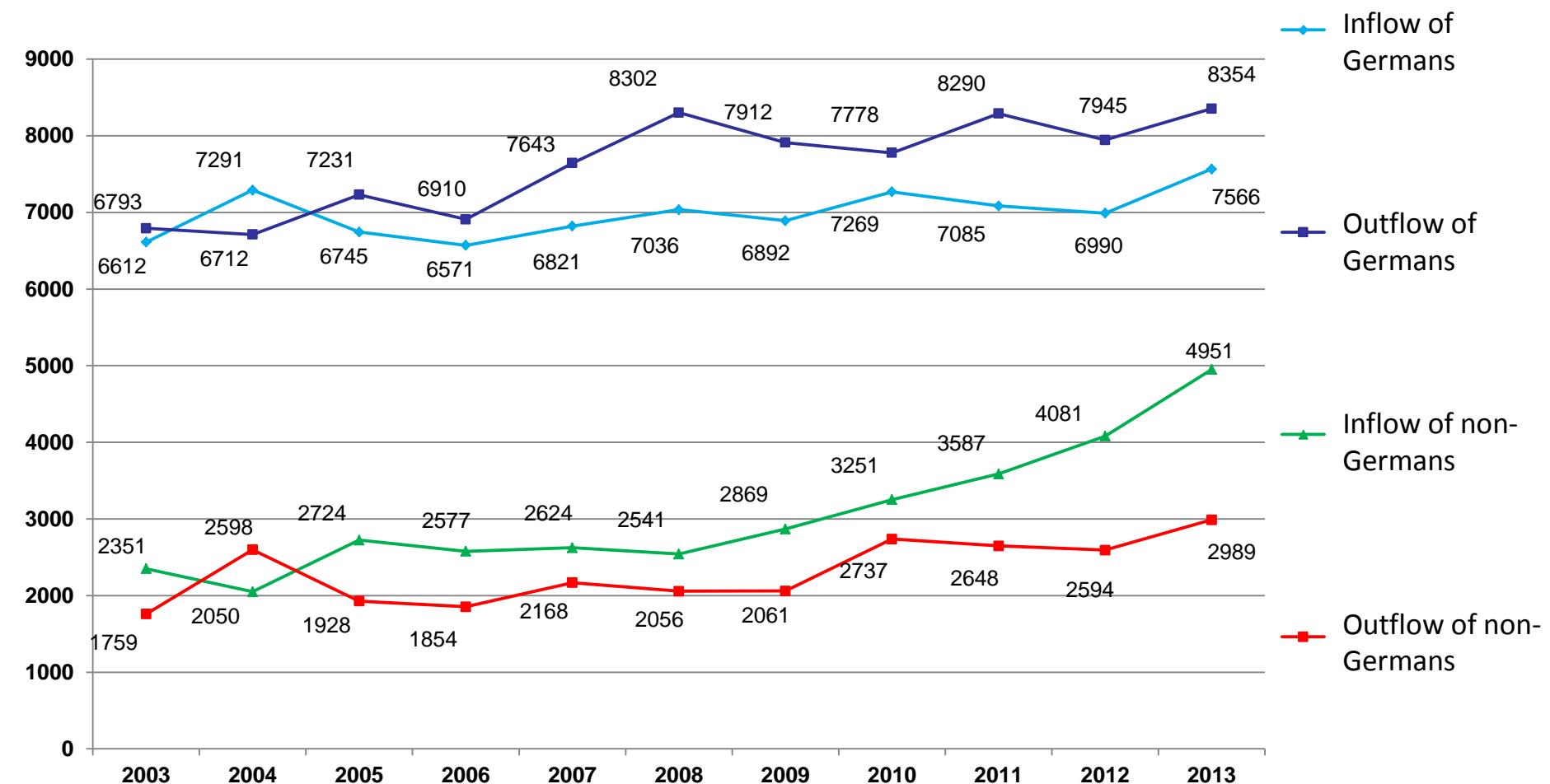
# Population trend in Moenchengladbach

→ Since 2012: a stable, slightly increasing development



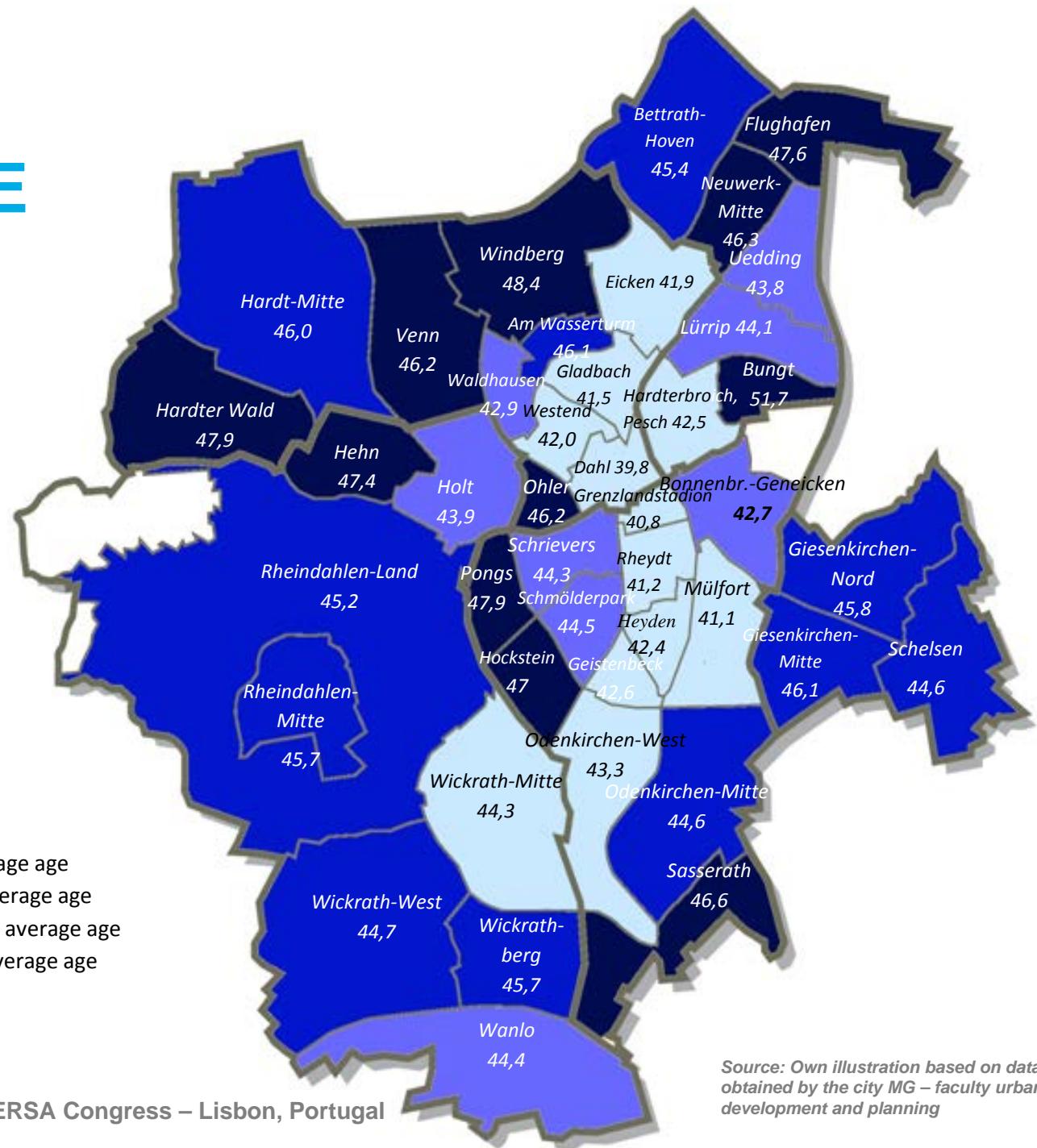
# Migration movements across city boundaries

## Comparison of Germans and non-Germans



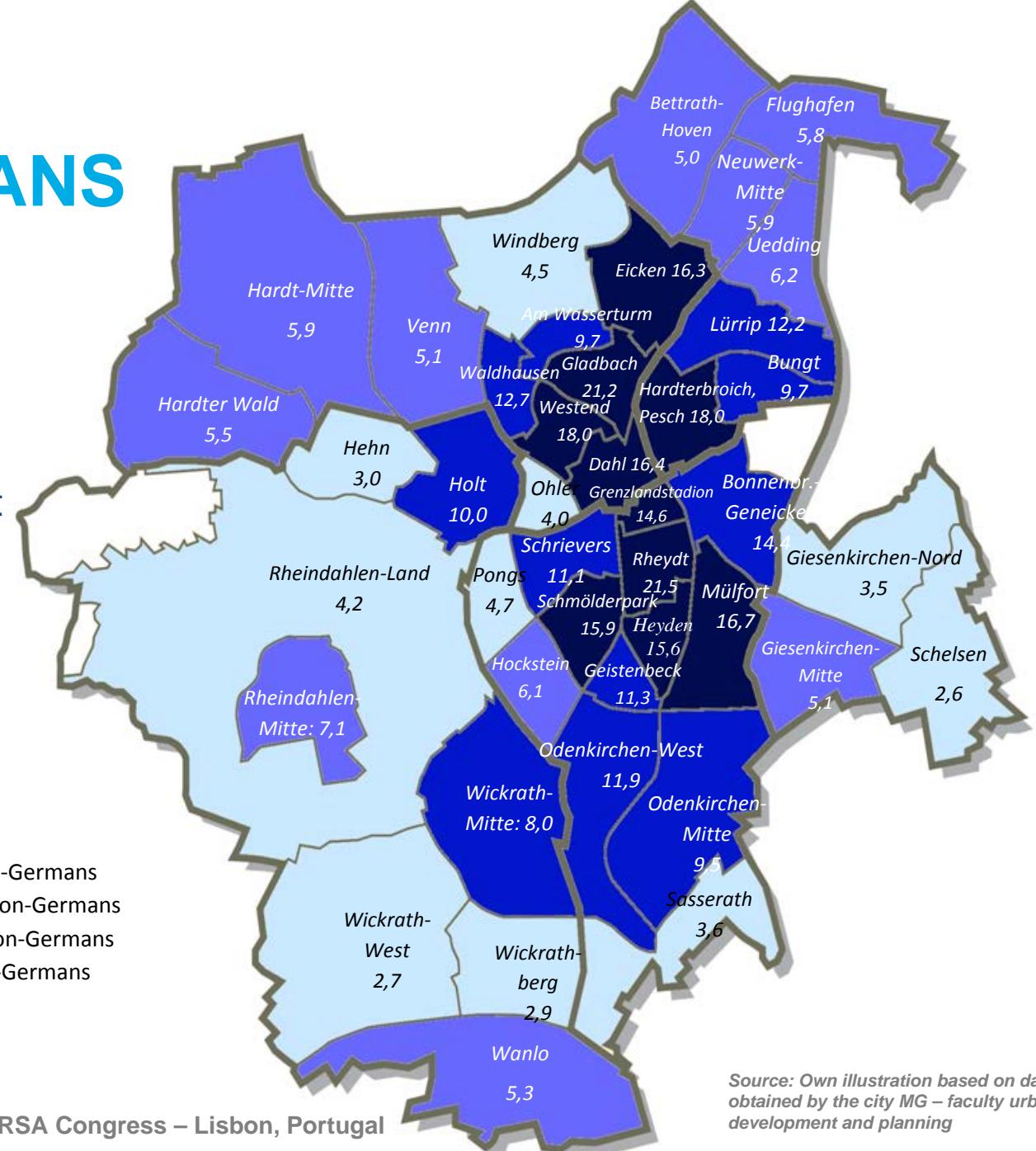
# AGE STRUCTURE

Average age in years



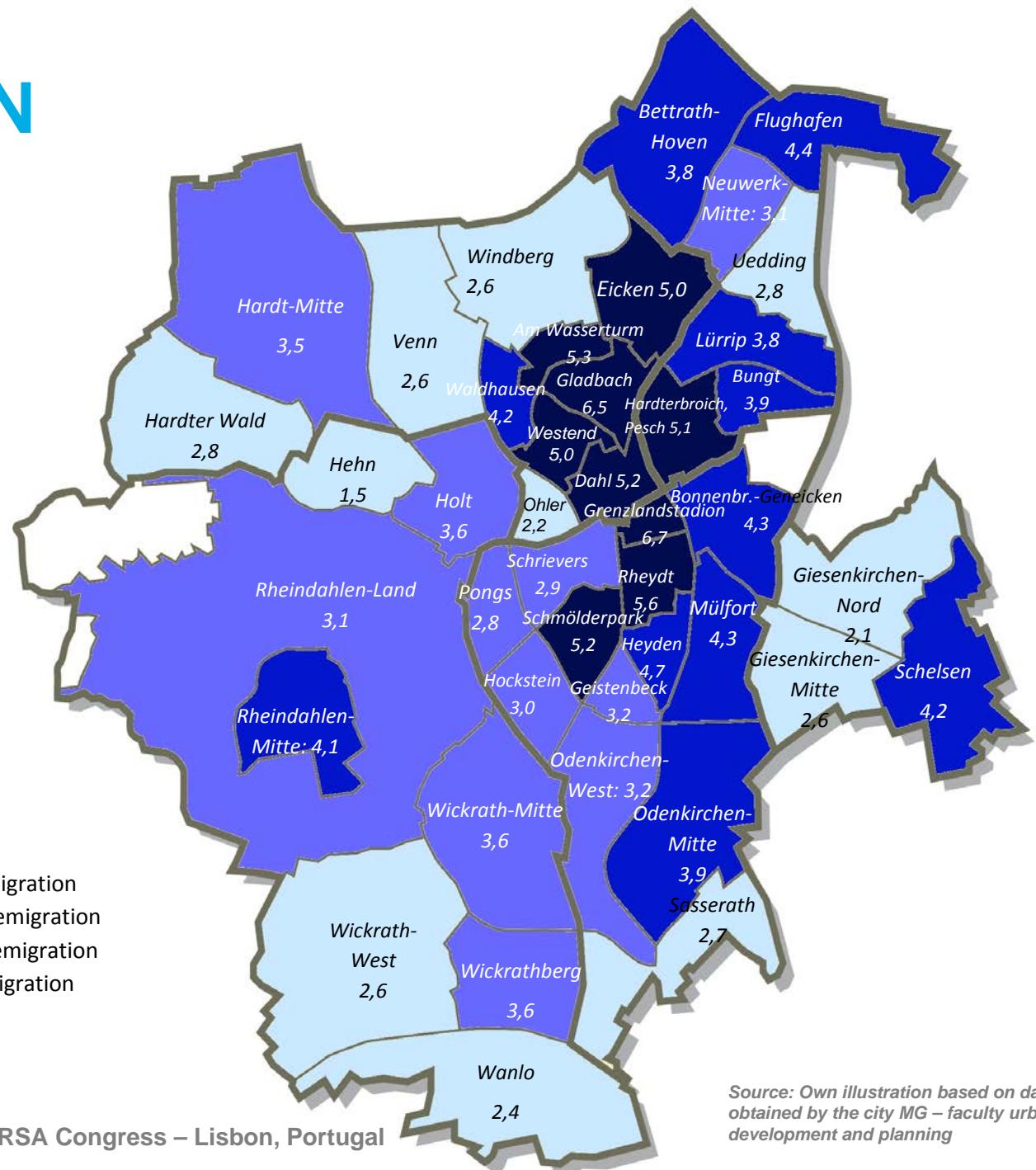
# SHARE OF NON-GERMANS

Share of non-Germans  
in relation to the entire  
population of the district



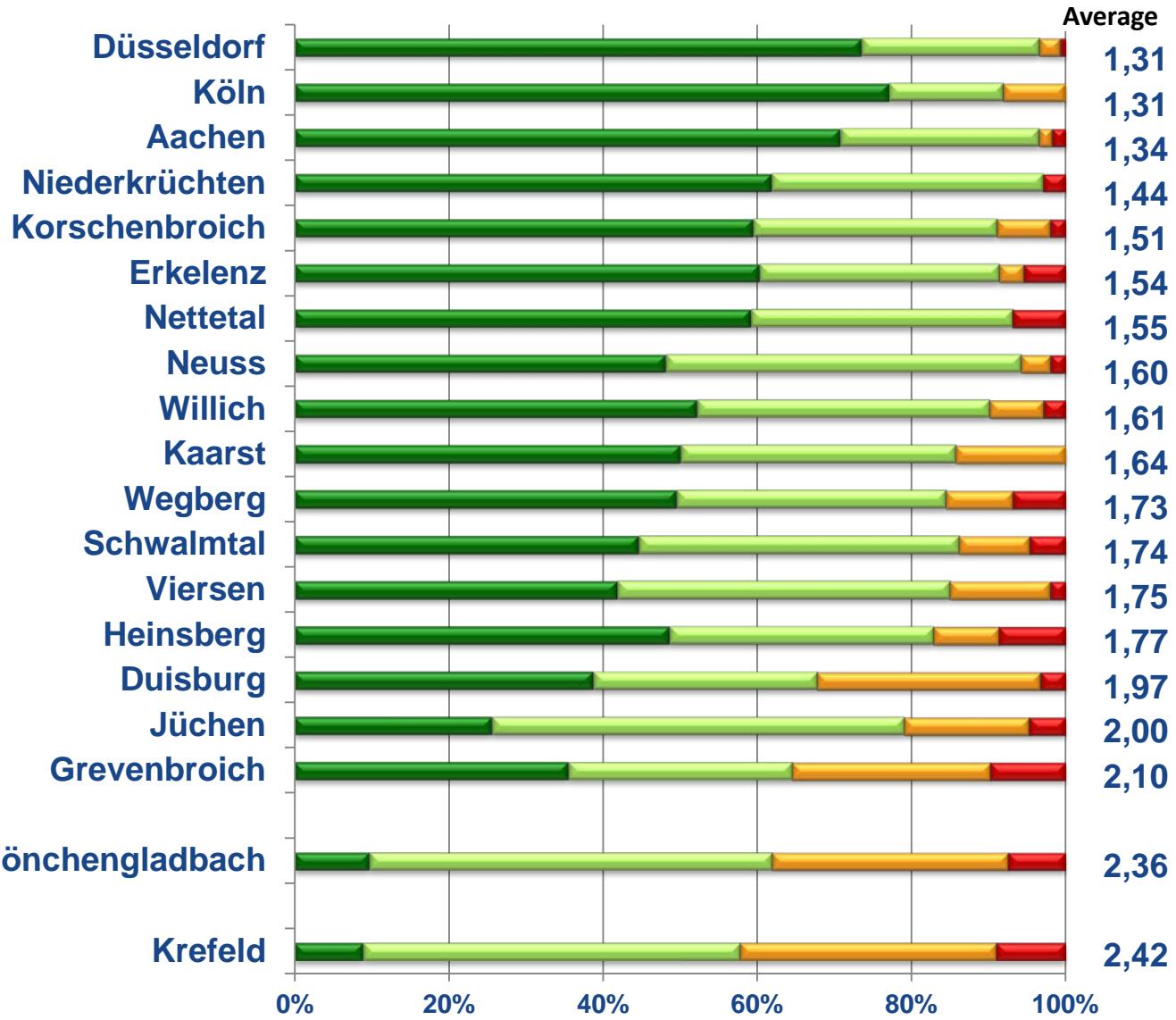
# EMIGRATION

Emigration across  
city boundary in  
relation to the  
population



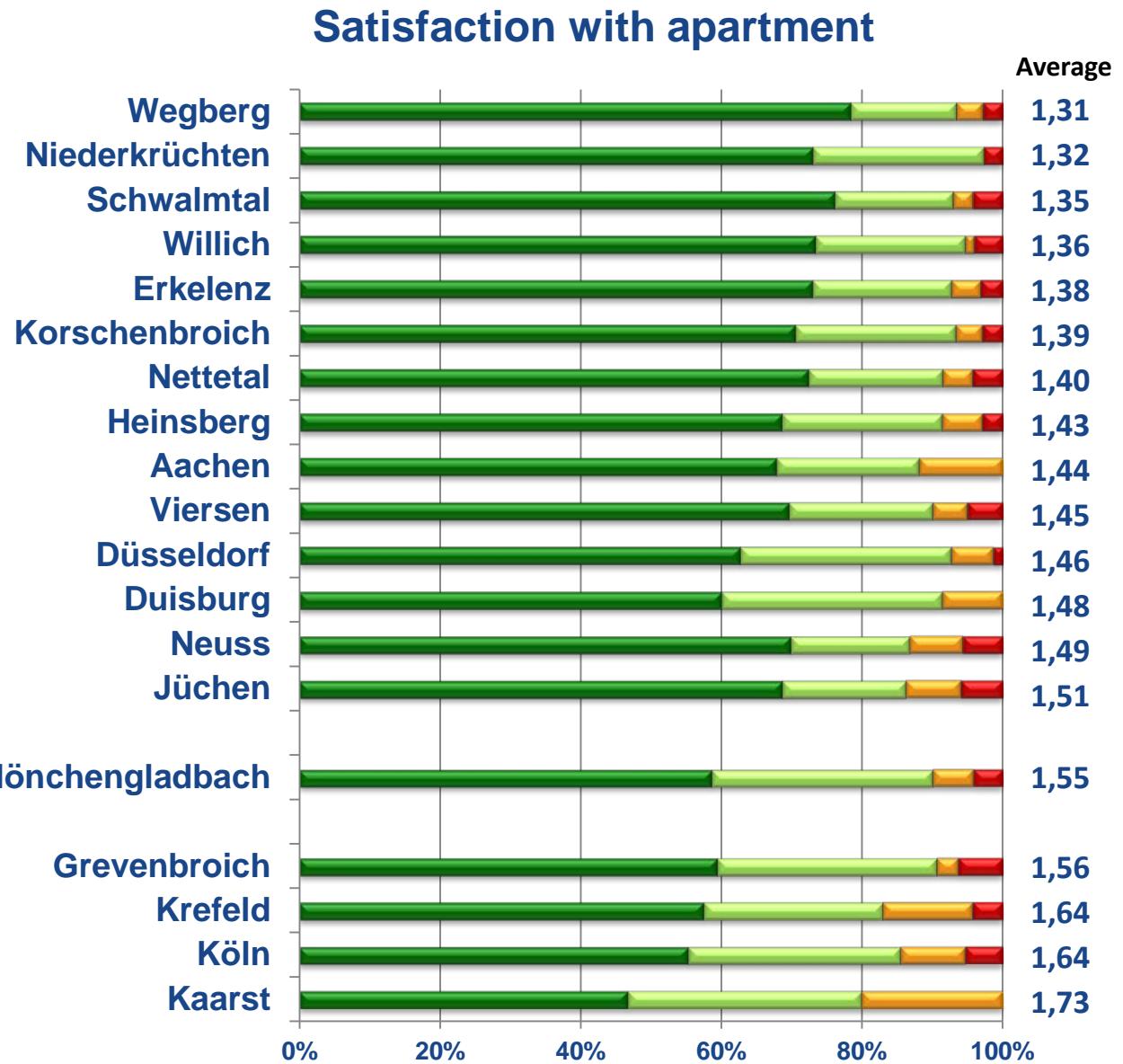
# Intraregional competition

## Satisfaction with city



# Intraregional competition

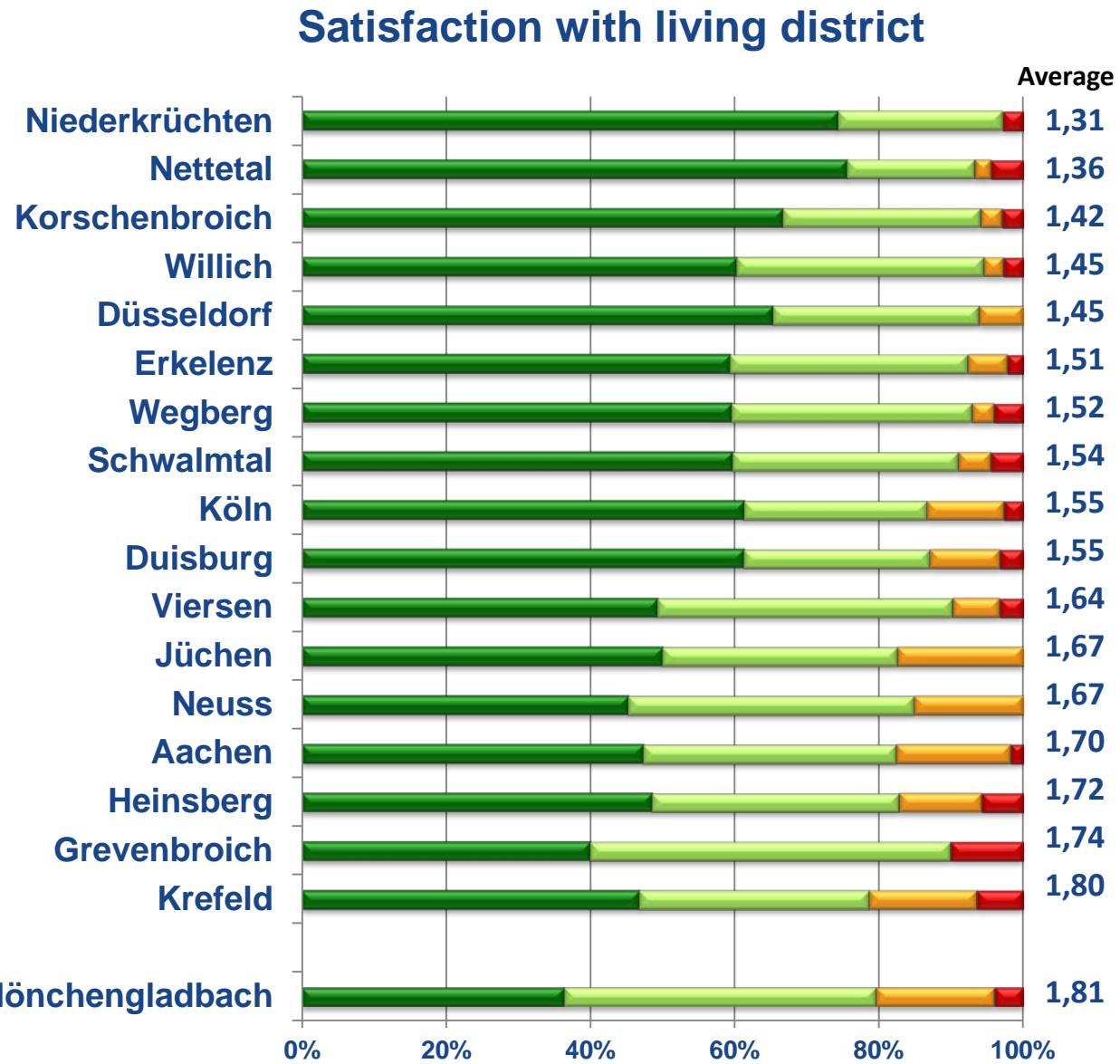
- Very satisfied (1)
- Rather satisfied (2)
- Rather dissatisfied (3)
- Very dissatisfied (4)



Source: Own illustration based on conducted survey

# Intraregional competition

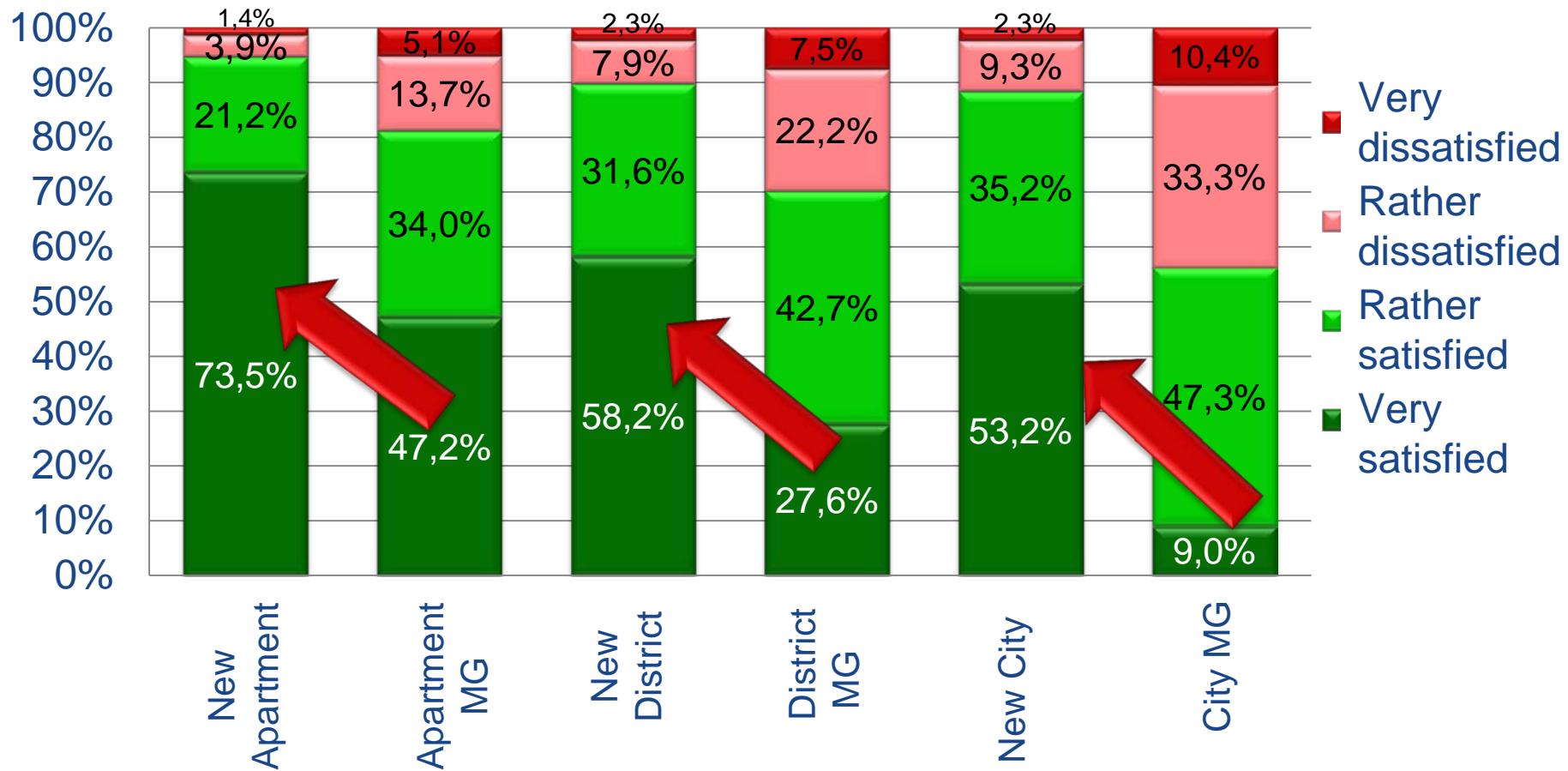
- Very satisfied (1)
- Rather satisfied (2)
- Rather dissatisfied (3)
- Very dissatisfied (4)



Source: Own illustration based on conducted survey

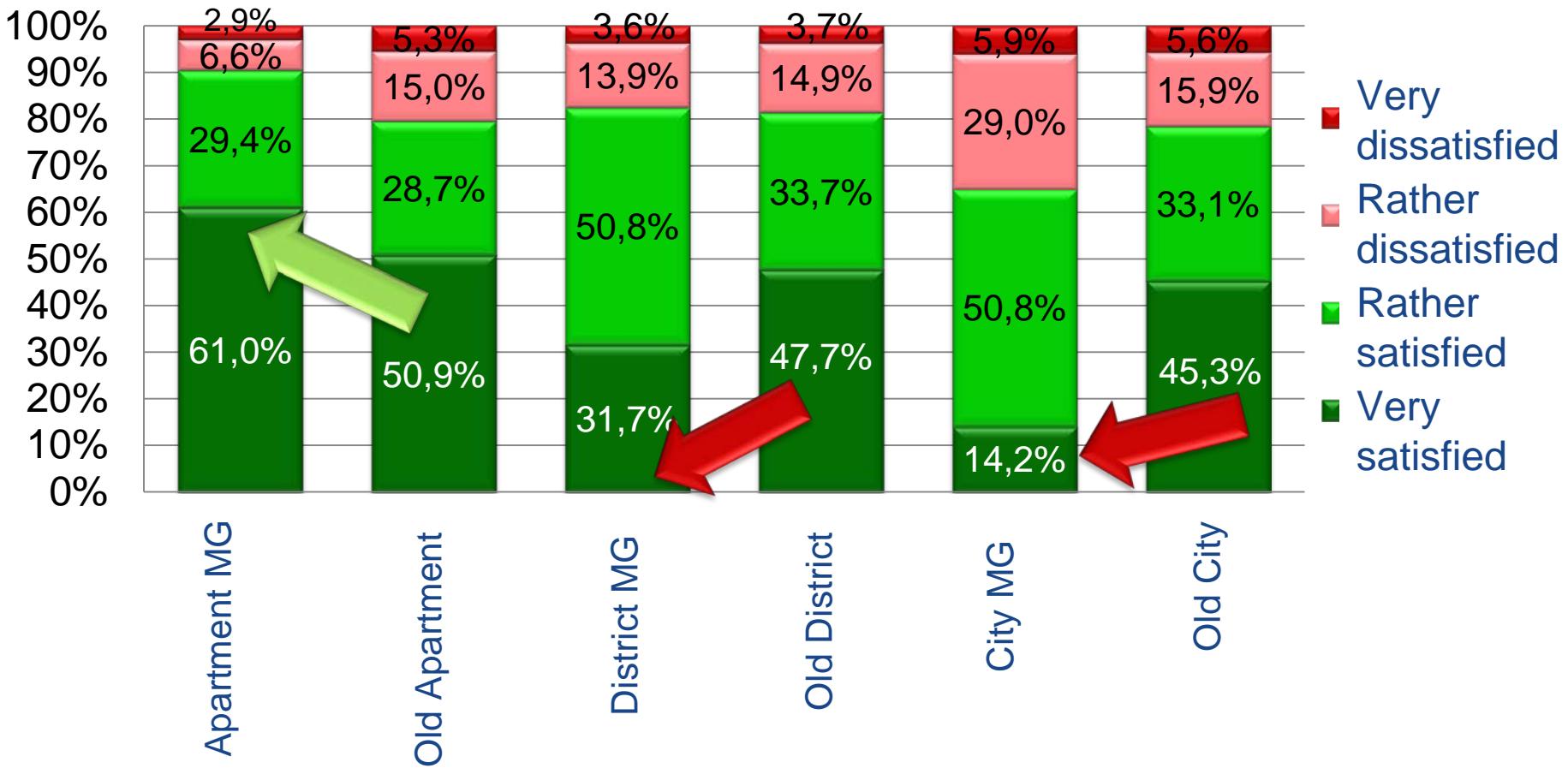
# Emigrants: Satisfaction with new and old living situation

→ After moving away from MG: city, district and apartment are evaluated more positively.



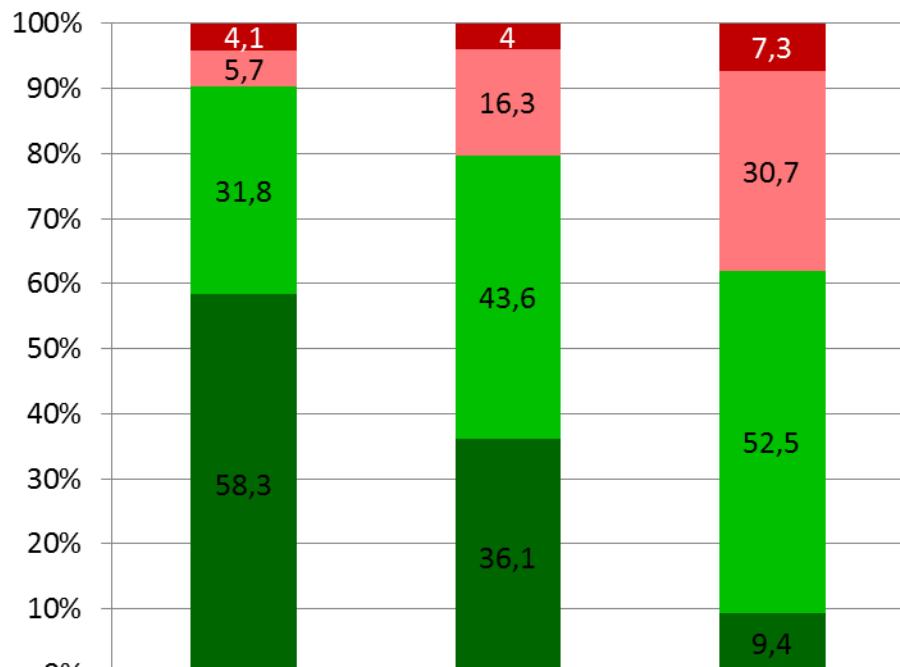
# Immigrants: Satisfaction with new and old living situation

→ After moving to MG: city and district are evaluated less positively, apartment more positively.



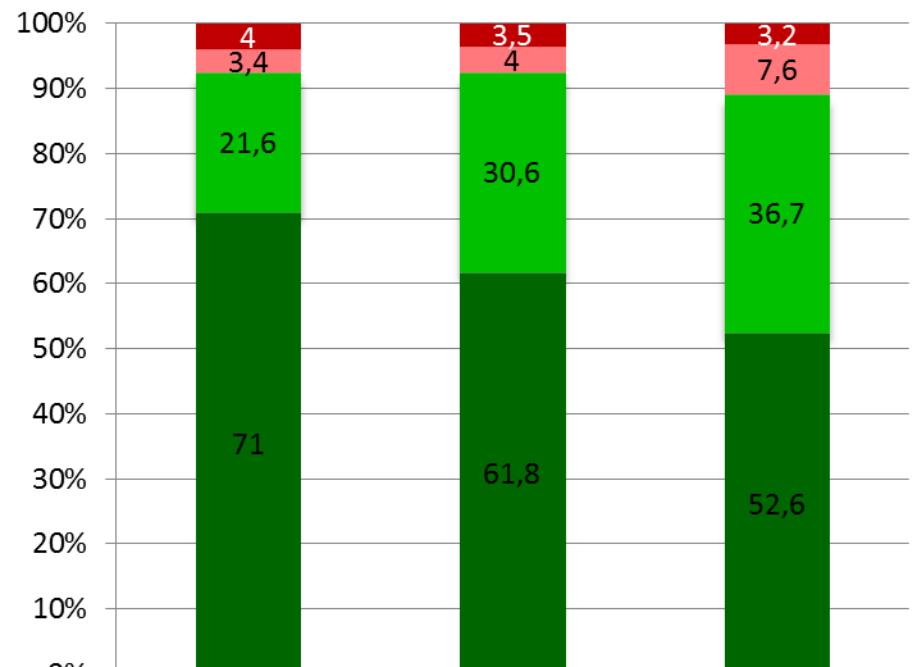
# Employees: Satisfaction with current living situation

People living in Moenchengladbach



■ Very satisfied      ■ Rather satisfied  
 ■ Rather dissatisfied ■ Very dissatisfied

People living outside of Moenchengladbach



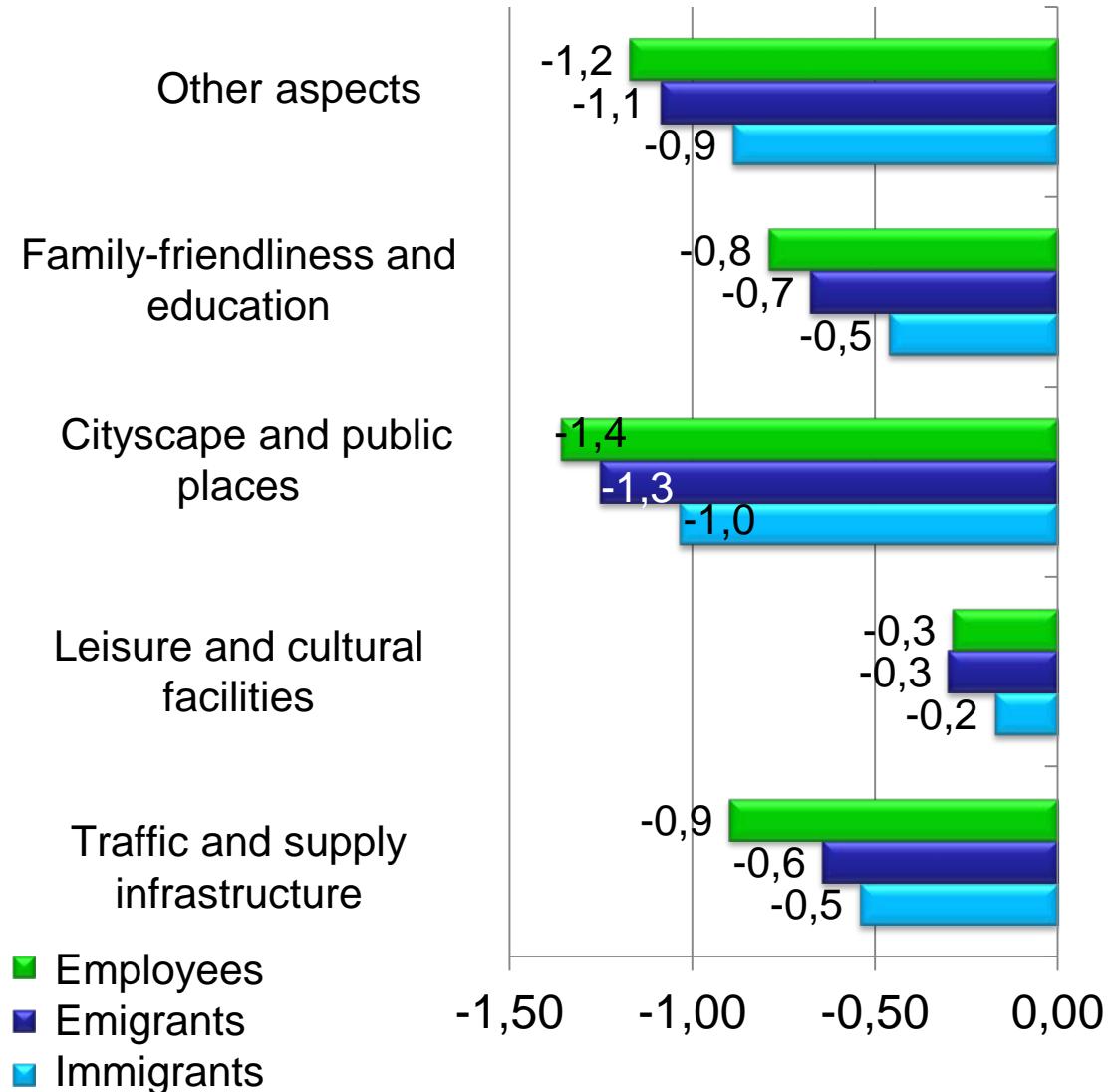
■ Very satisfied      ■ Rather satisfied  
 ■ Rather dissatisfied ■ Very dissatisfied

Source: Own illustration based on  
the conducted survey

# GAP-Analysis comparing the surveys

- Employees evaluate the reviewed determinants most negatively, immigrants evaluate less negatively
- ONLY negative GAPs; Importance always higher than evaluation
- Biggest problem of the city: Cityscape and public spaces
- Culture and leisure facility are not the primary concern of the city - due to a relatively low importance

$\varnothing$  Importance –  $\varnothing$  Evaluation



Source: Own calculations based on conducted surveys

# Location factors

## quality and importance

1 – very important

4 – very unimportant

1 – very positive

4 – very negative

Source: Own illustration based on conducted survey

Hamm / Jäger / Keggenhoff |

| Location and living satisfaction                   |      | Importance Ø | Quality Ø |
|--|------|--------------|-----------|
| Traffic and care                                   | 1,63 | 2,42         |           |
| Inner-city transport connection (public transport) | 1,67 | 2,28         |           |
| Interurban transport connection (bus&train)        | 1,67 | 2,36         |           |
| Street- and transport infrastructure               | 1,46 | 2,65         |           |
| Pedestrian friendliness                            | 1,70 | 2,44         |           |
| Bicycle friendliness                               | 1,78 | 2,97         |           |
| Medical care                                       | 1,39 | 1,79         |           |
| Purchasing opportunities, shopping                 | 1,72 | 2,47         |           |
| Cityscape and public space                         | 1,57 | 2,86         |           |
| Attractiveness of cityscape                        | 1,61 | 2,98         |           |
| Green space, parks                                 | 1,53 | 2,50         |           |
| Quality at public places                           | 1,74 | 3,05         |           |
| Cleanliness  | 1,40 | 2,91         |           |
| Culture and free time                              | 1,90 | 2,17         |           |
| Cultural institutions and supplies                 | 1,90 | 2,28         |           |
| Cinemas  | 2,10 | 2,08         |           |
| Sports infrastructure                              | 1,84 | 2,13         |           |
| Gastronomy   | 1,75 | 2,19         |           |
| Family-friendliness and education                  | 1,65 | 2,38         |           |
| Day-nursery (U3-care)                              | 1,78 | 2,37         |           |
| Kindergarten                                       | 1,62 | 2,21         |           |
| Elementary school                                  | 1,57 | 2,12         |           |
| Secondary school                                   | 1,51 | 2,13         |           |
| University   | 1,71 | 1,95         |           |
| Playgrounds  | 1,70 | 2,85         |           |
| Free time activities for young people              | 1,56 | 2,94         |           |
| Institutions and offers for seniors                | 1,77 | 2,47         |           |
| Other aspects                                      | 1,54 | 2,65         |           |
| Municipality                                       | 1,67 | 2,47         |           |
| Charges and duties                                 | 1,75 | 2,87         |           |
| Social living environment                          | 1,36 | 2,65         |           |
| Image of the city                                  | 1,74 | 2,88         |           |
| Security   | 1,28 | 2,57         |           |
| Calm and low air pollution                         | 1,47 | 2,49         |           |

# Importance and quality of location factors in MG - survey

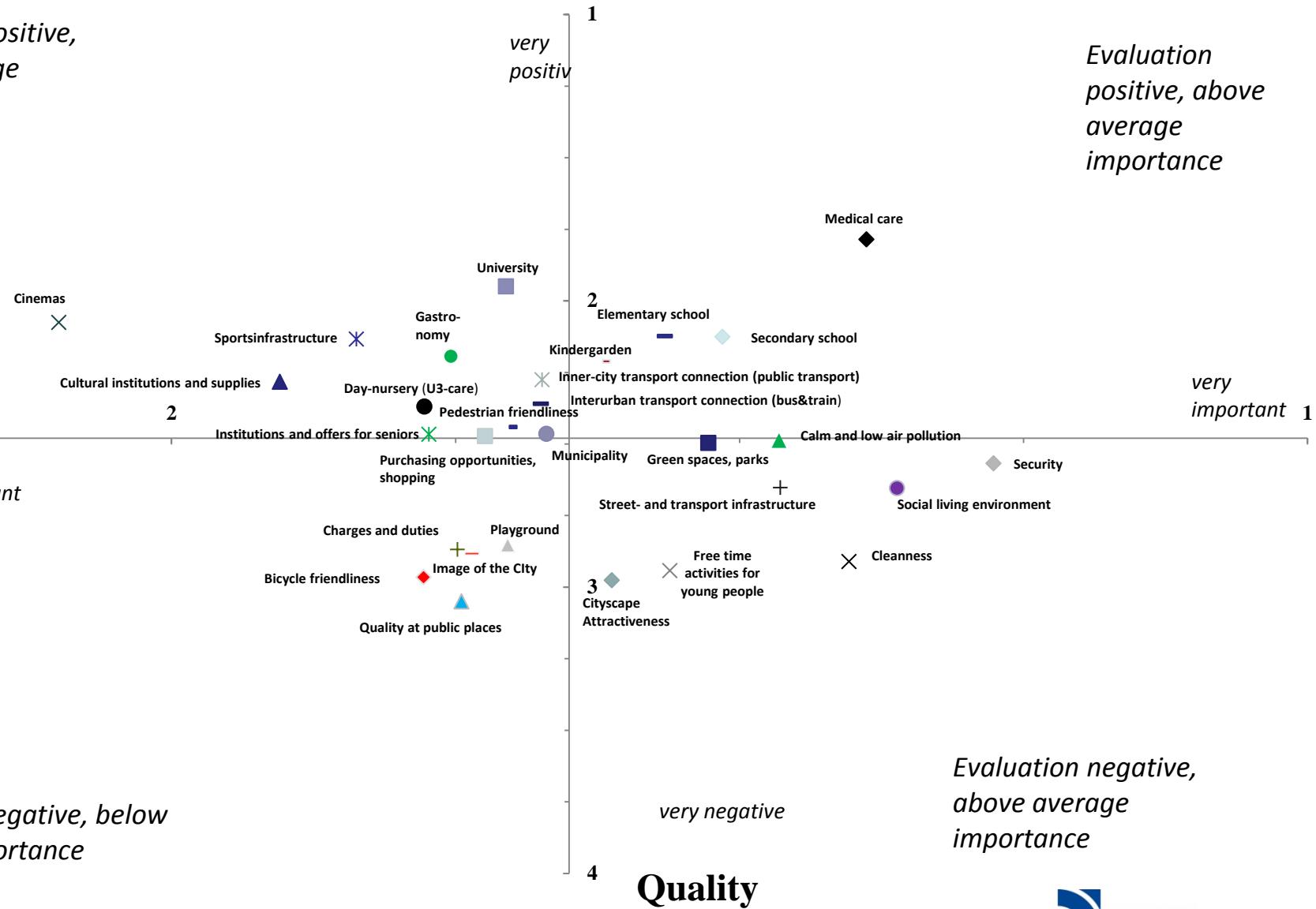
Skala: 1 - very important/positive / 2 - rather important/positive / 3 - rather unimportant/negative / 4 - very unimportant/negative

*Evaluation positive,  
below average  
importance*

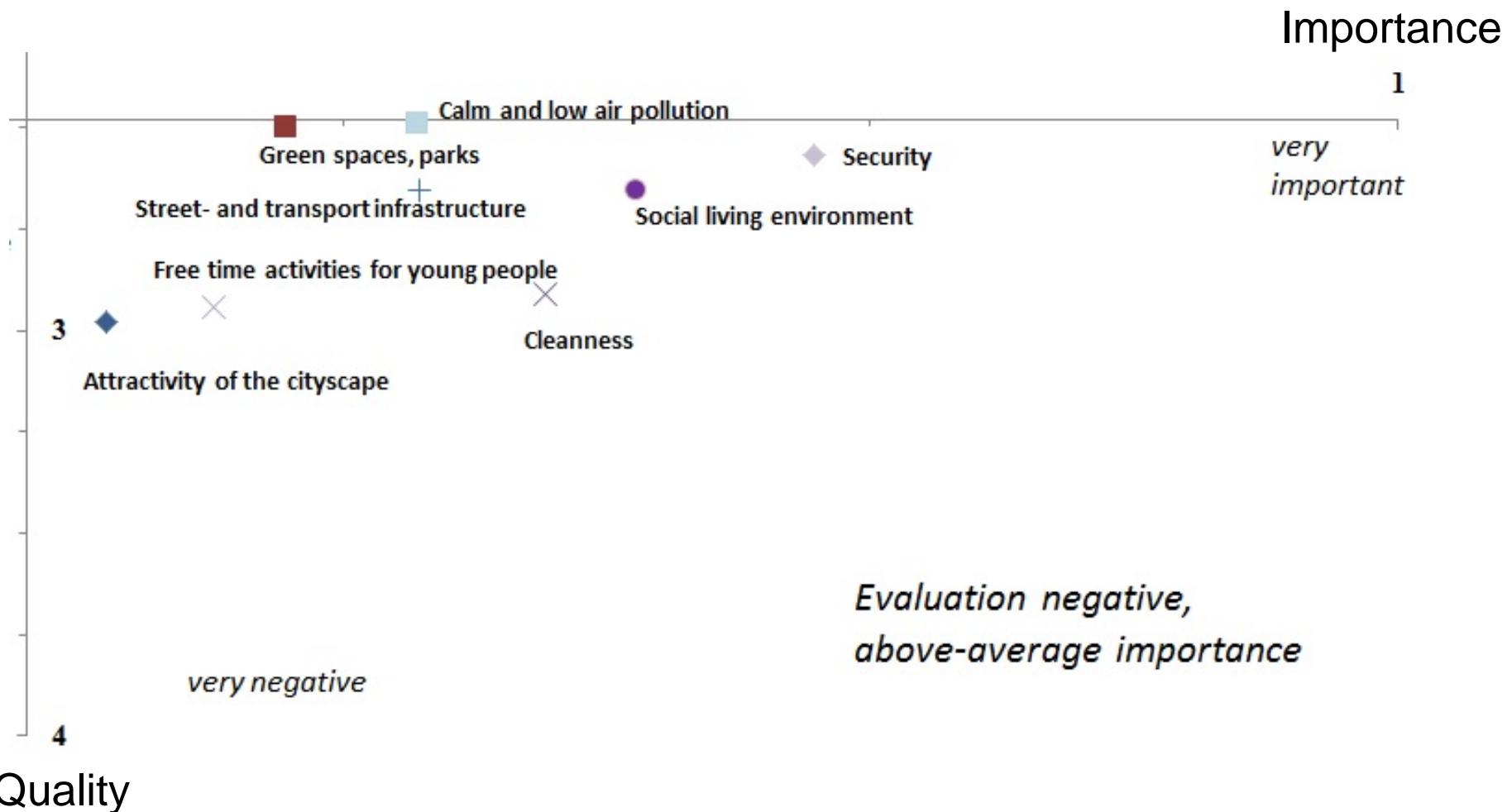
*Evaluation  
positive, above  
average  
importance*

Importance

*Evaluation negative, below  
average importance*



# Special measures required from the perspective of the citizens...



Scales intersect at arithmetic mean of all factors → importance 1,65; quality 2,48;

# Result and Summary

- **Fundamental conclusion: All location factors are important, most are inferior**
- **Sector "Leisure and Cultural Amenities" is not an important migration motive / location factor**
- **Four of the five most important location factors are soft location factors**
- **High importance of intraregional competition**
- **Immigrants and emigrants like:** good location, reachability, cheap rents
- **Immigrants and emigrants criticize:** Cityscape, infrastructure, social (living) environment
- **Policy recommendations:** cleanliness, attractiveness of cityscape, quality of public places, social living environment, street and transport infrastructure, silence and low air pollution

# Thank you for your attention!

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Further Information on the project:

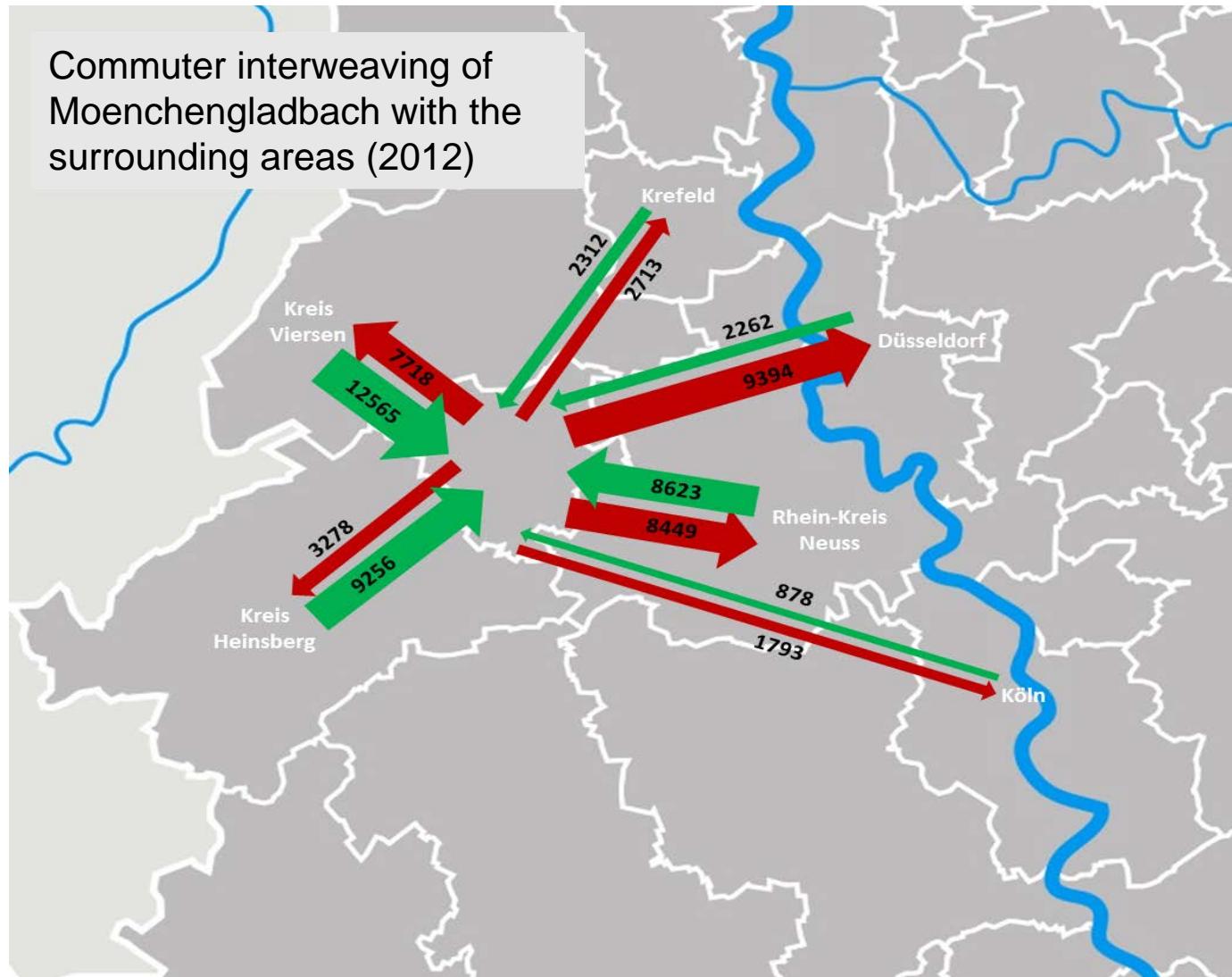
<http://www.hs-niederrhein.de/research/research-centers/niers/>

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# Commuter traffic: In total 47.880 in-commuters, 44.229 out-commuters, slightly positive commuter balance of 3.651



Source: Own illustration based on  
data of IT:NRW, 2012