



Planbureau voor de Leefomgeving



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# VERGRIJZING EN RUIMTE

Gevolgen voor de woningmarkt, vrijetijdsbesteding, mobiliteit en regionale economie



## Ageing and shrinking labourforce

shortage in care-givers for older people

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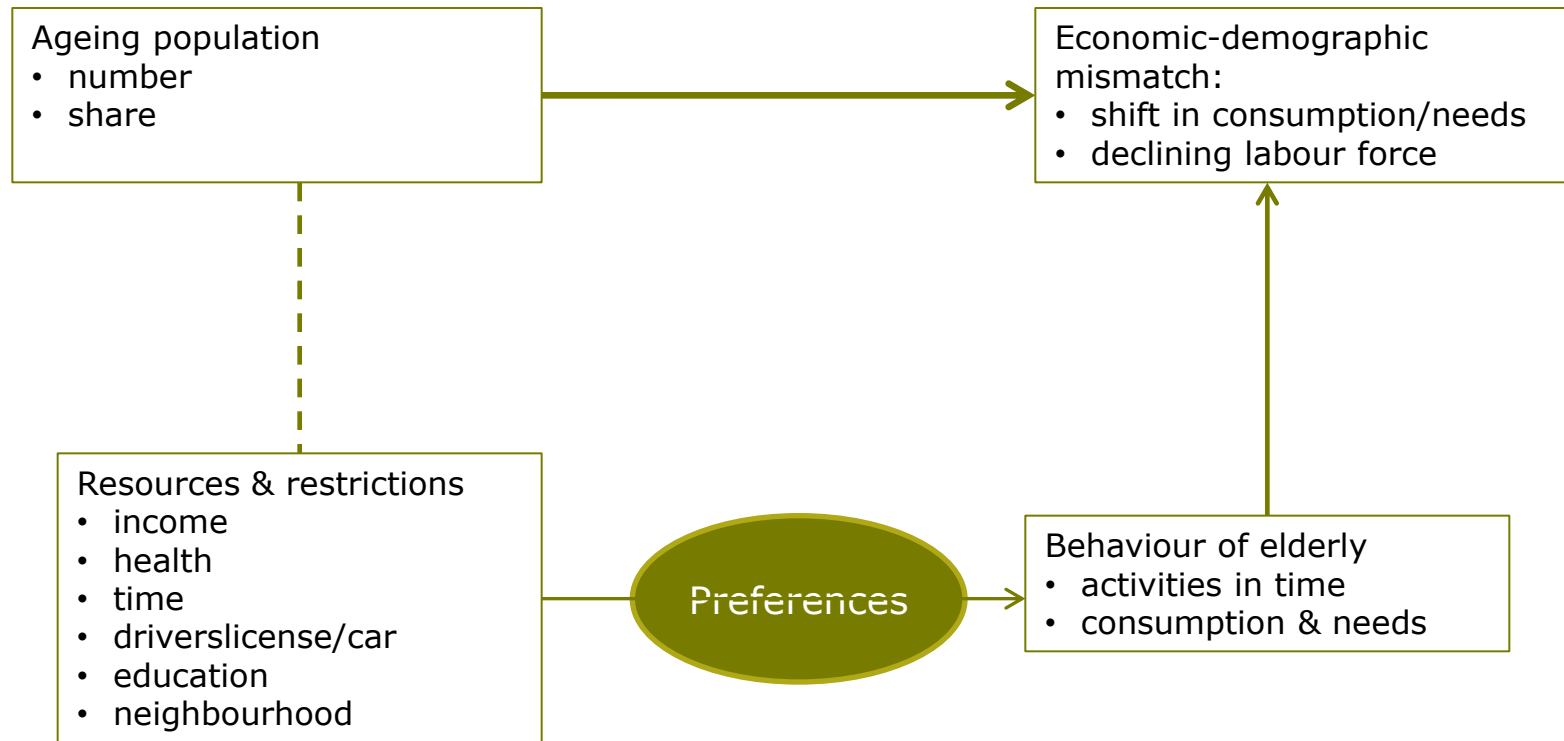


## Content

1. Heuristic
2. Ageing population
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4. Demographic pressure and care
5. Ageing: challenge or threat?



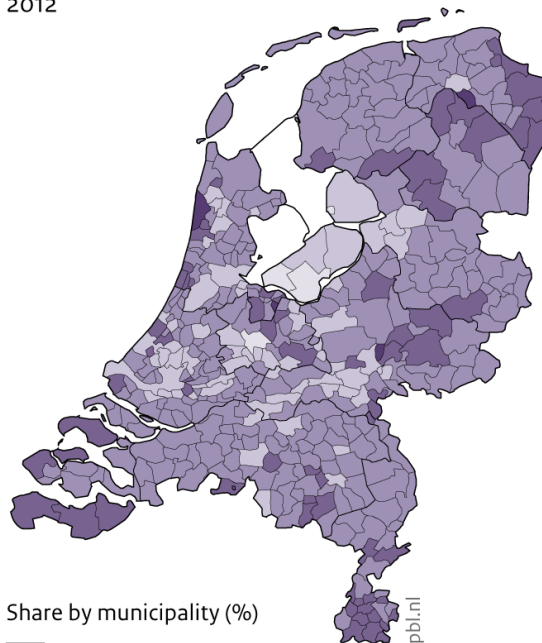
# 1 Heuristic



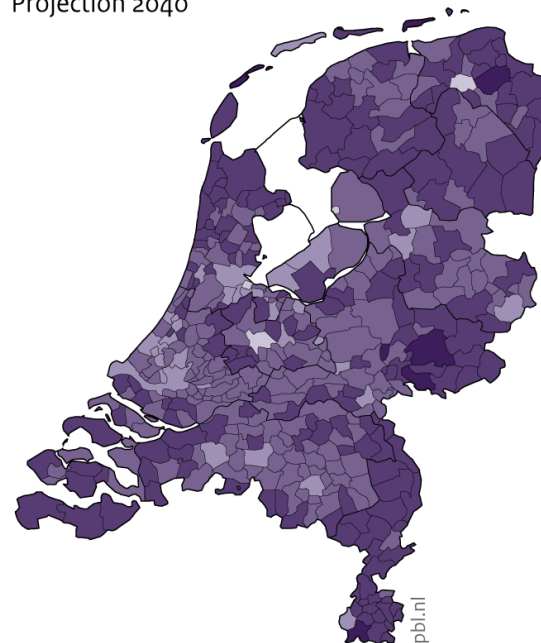


## Share of retirees, by municipalities, 2012-2040

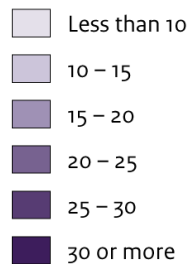
2012



Projection 2040

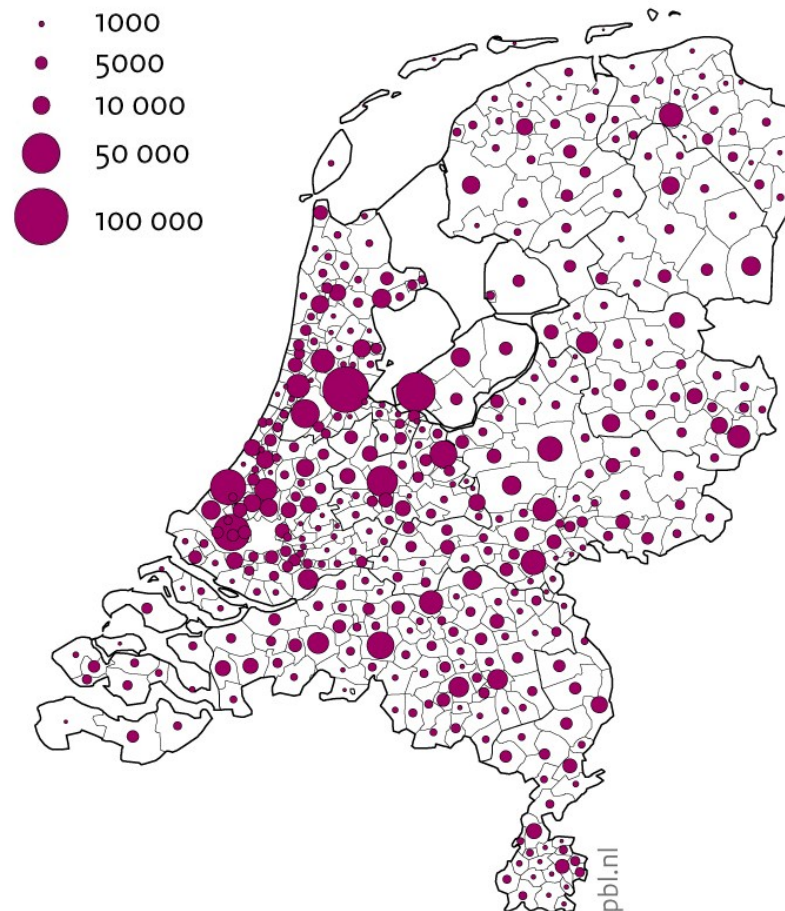


Share by municipality (%)





## Increase of number of retirees, by municipality, 2012-2040





## 2 Tomorrows elderly: resources

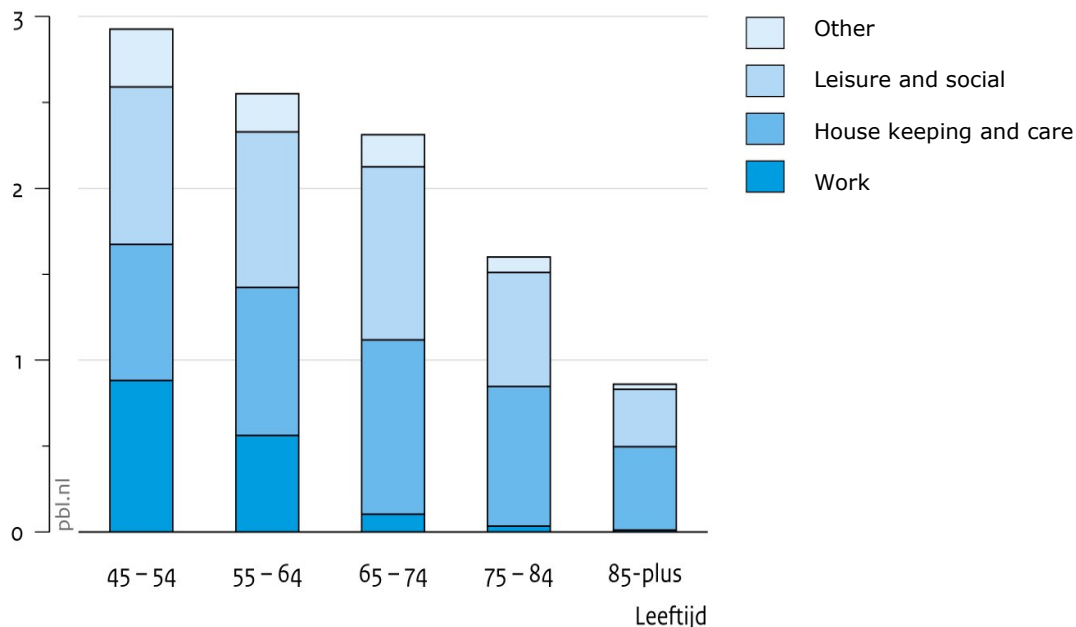
- **Income:** tomorrows elderly **on average more affluent** than yesterdays elderly
- **Education:** tomorrows elderly **higher educated** than yesterdays elderly
- **Health:** on average more years in good health, **lengthened independence**
- **Mobility:** increasing ownership of driving licenses and **automobiles** among elderly
- **Leisure:** **more spare time**, but more commitments and obligations as well



## 2 Tomorrows elderly: behaviour

- Active, mobile, demanding quality of life: 'active ageing' (cohorteffect)
- 'Tomorrows' elderly (aged 65-75): regional *impuls*
- But in 10-15 years? (age-effect)
- 'Fragile' elderly (aged 75+): regional *challenges*

### Average number of trips per day, by age and by motive





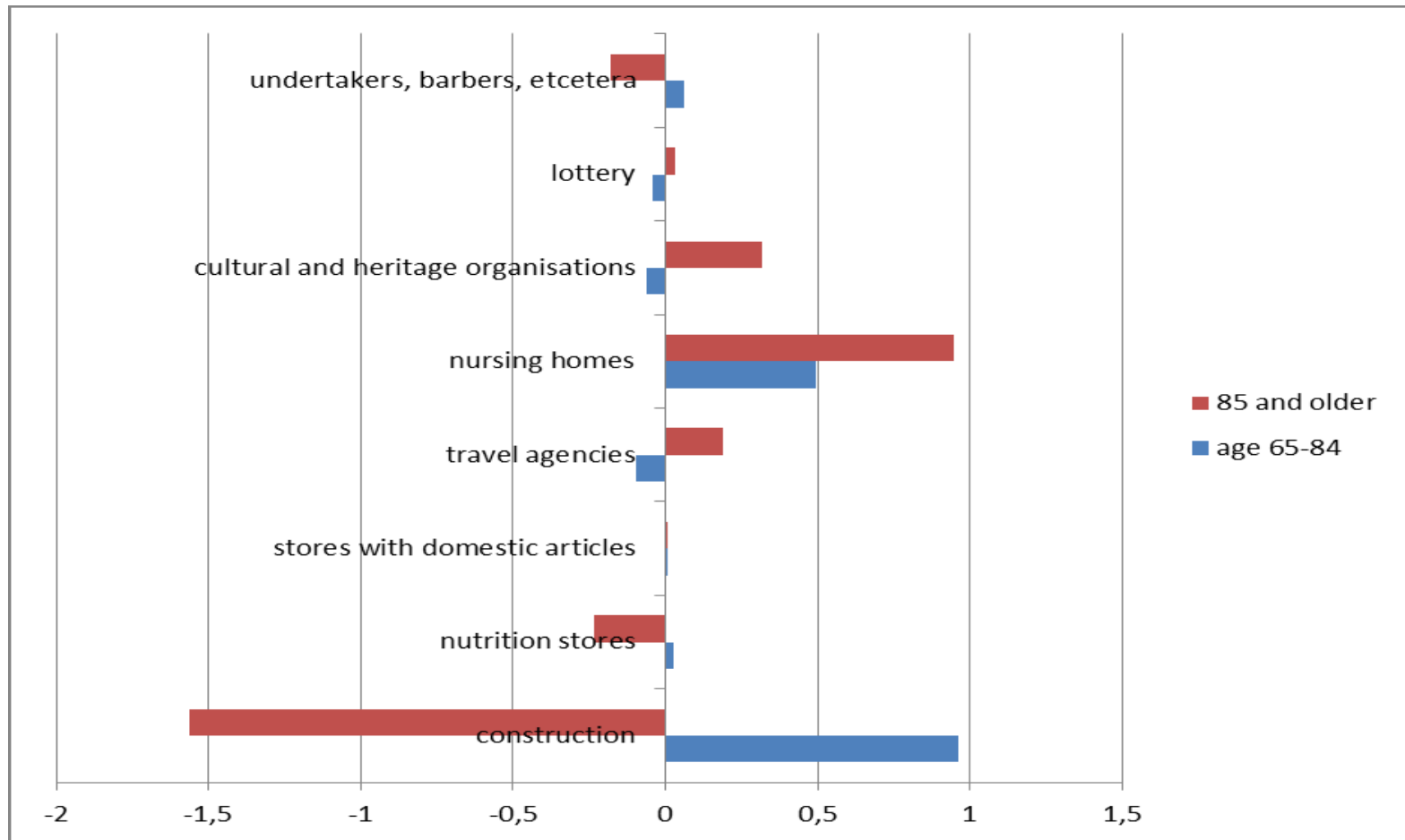
## 2 Tomorrows elderly: regional economic effects

- Consumption (euro's)
- Jobs in consumer services
- Regression analysis:
  - COROP regions
    - Jobs by sector
    - Population by age
  - No spillover





## 2 Influence of ageing population on jobs in consumer services

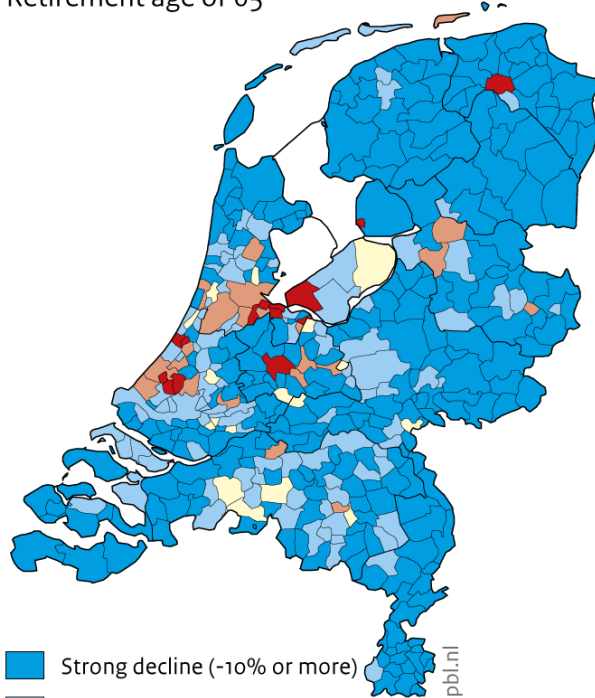




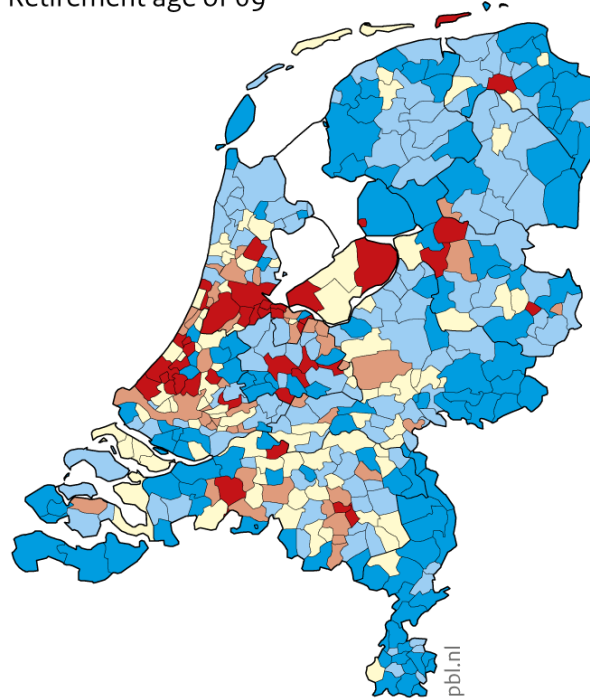
### 3 Ageing population and declining labour force

#### Development in the potential labour force per municipality, 2012 – 2040

Retirement age of 65

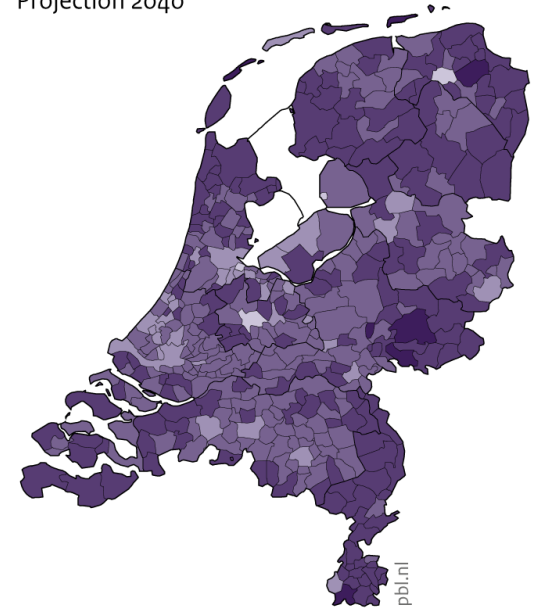


Retirement age of 69



(Dutch General Old Age Pensions Act)

Projection 2040



- Strong decline (-10% or more)
- Decline (-2,5 to -10%)
- Relatively stable (-2,5 to 2,5%)
- Growth (2,5 to 10%)
- Strong growth (10% or more)

**Bad things  
happen when you  
leave the city.**

4





4

## 2010

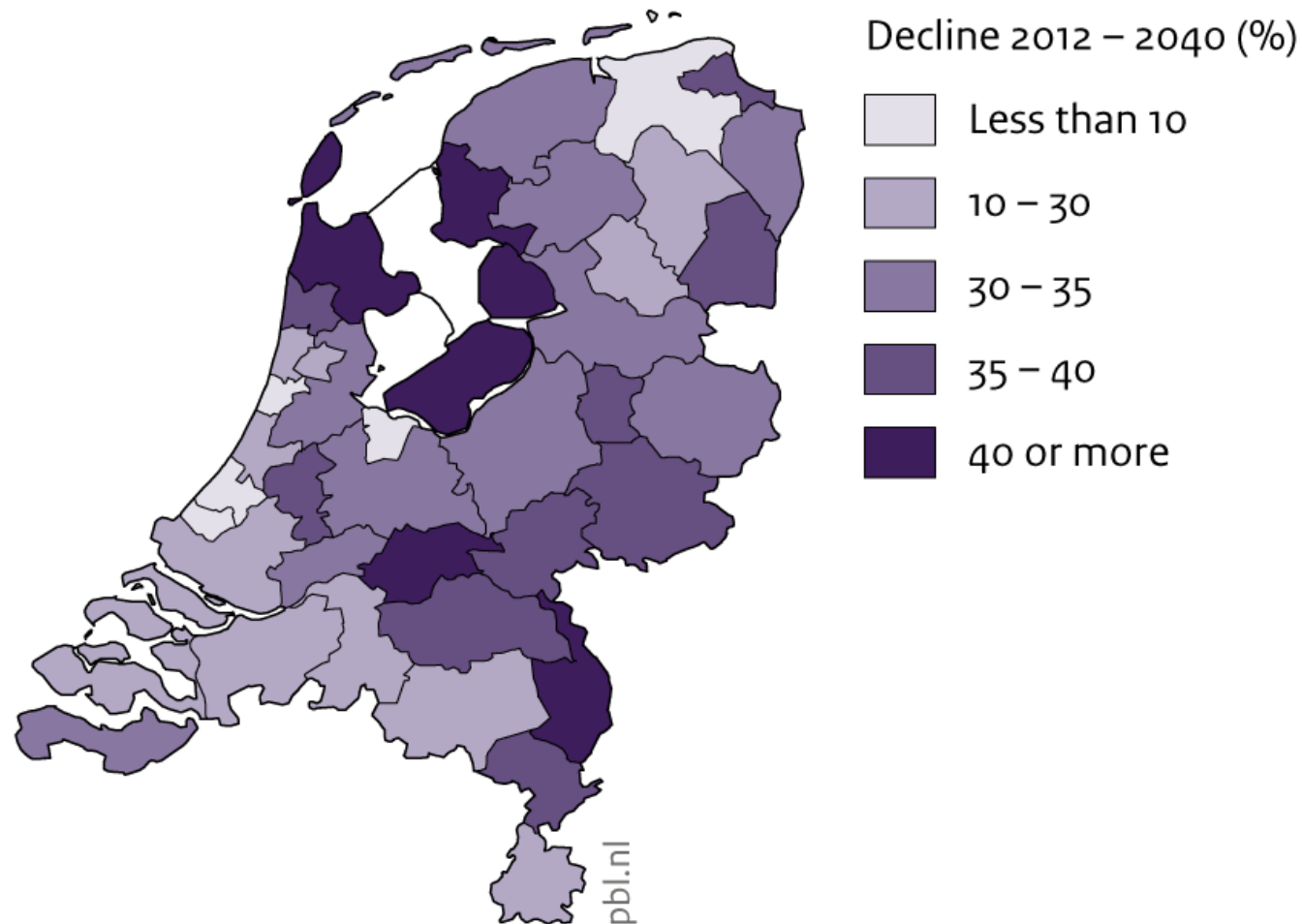
- 0,15 nursing jobs for each 65+  
=375000 jobs
- Potential labour force/375000 jobs=  
26 potential workers per job

## 2040

- 0,15 nursing jobs for each 69+  
=3,9mln\*0,15=585000 jobs
- Potential labour force/585000 jobs=  
18 potential workers per job



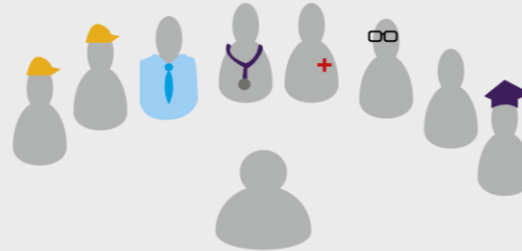
### 3 Labour force per job in elderly care





# 2012

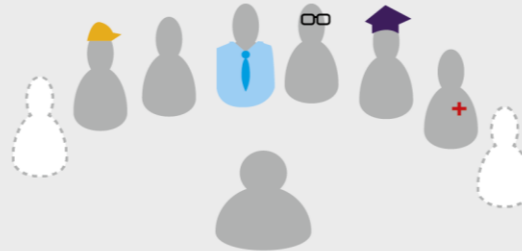
Potentiële arbeidskrachten tussen 20 jaar en AOW-leeftijd



Zorgbehoevende  
= persoon van 75 jaar of ouder

# 2025

Potentiële arbeidskrachten tussen 20 jaar en AOW-leeftijd



Zorgbehoevende  
= persoon van 75 jaar of ouder

# 2040

Potentiële arbeidskrachten tussen 20 jaar en AOW-leeftijd



Zorgbehoevende  
= persoon van 75 jaar of ouder



## 5 Ageing: challenge or threat?

### Short term:

- Trend of lengthened independance
  - Living independently
  - Retirement age increases
  - More holidays
  - Involvement in informal care, sports and charity
- A temporary reservoir of active, well-educated mobile older people

### Long term (15 years):

- How to meet the needs of more people with the effort of less people?
  - especially in peripheral areas and in physical demanding jobs
- Adjust consumer services and overcome digital divide:
  - Organisational innovation: return of the coöperation ([graniesfinest.com](http://graniesfinest.com))
  - Technological innovation: domotica, e-health, glass fiber



Meeting the needs of more older people with the effort of less younger people: mobility + connectivity.

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