ACPA – Adapting European Cities to Population Ageing: Policy challenges and best practices

Targeted Analysis

Annex: Demographic maps and figures
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This targeted analysis is conducted within the framework of the ESPON 2020 Cooperation Programme.

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1 Comparing neighbourhoods within each stakeholder city

1.1 Amsterdam

The years mentioned in the maps and figures differ per country, due to varying data sources per city. Within these limits, data for the same years have been used as much as possible. In the city level maps showing the share of older people, the most recent data that were available when the maps were made have been used. For most cities this is 2017 or 2018. For Nantes, the most recent data at the time of production were from 2015. With time series data, the ambition has been to show the development during the 2000s, going as far back in time as possible. In the European level map, the time series is 2000-2017; the aim has been to have a timespan which is as similar as possible to that in the country and city maps.
Map 1.2: Change in older population per neighbourhood in Amsterdam, 2005-2018

Amsterdam: Change in older population 2005-2018

Population change among people aged 65 and over (%)

City district mentioned in the reports (main report, policy handbook and/or city report)
1.2 Barcelona

Map 1.3: Share of older people per neighbourhood in Barcelona, 2017

Population aged 65 and over as share of total population (%)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- > 25

City district mentioned in the reports (main report, policy handbook and/or city report)
Map 1.4: Change in older population per neighbourhood in Barcelona, 2010-2017

Barcelona: Change in older population 2010-2017

Population change among people aged 65 and over (%)

- < -10
- -10 - 0
- 0 - 10
- 10 - 20
- 20 - 30
- > 30

City district mentioned in the reports (main report, policy handbook and/or city report)
1.3 Gothenburg

Map 1.5: Share of older people per neighbourhood in Gothenburg, 2017

Gothenburg: Share of older people 2017

Population aged 65 and over as share of total population (%)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- > 25
- No population

City district mentioned in the reports (main report, policy handbook and/or city report)
Map 1.6: Change in older population per neighbourhood in Gothenburg, 2001-2017

Gothenburg: Change in older population 2001-2017

Population change among people aged 65 and over (%)

- Dark blue: < -10
- Light blue: -10 - 0
- Light orange: 0 - 10
- Pale orange: 10 - 20
- Light red: 20 - 30
- Dark red: > 30
- Grey: No population

City district mentioned in the reports (main report, policy handbook and/or city report)
1.4 Greater Manchester

Map 1.7: Share of older people per neighbourhood in Greater Manchester, 2017
Map 1.8: Change in older population per neighbourhood in Greater Manchester, 2001-2017

Greater Manchester: Change in older population 2001-2017

Population change among people aged 65 and over (%)

-10 - 0  0 - 10  10 - 20  20 - 30  > 30

City district mentioned in the reports (main report, policy handbook and/or city report)
1.5 Hengelo

Map 1.9: Share of older people per neighbourhood in Hengelo, 2017

Hengelo: Share of older people 2017

Population aged 65 and over as share of total population (%)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- > 25

City district mentioned in the reports (main report, policy handbook and/or city report)
Map 1.10: Change in older population per neighbourhood in Hengelo, 2001-2017

Hengelo: Change in older population 2001-2017

Population change among people aged 65 and over (%)

- < -10
- -10 - 0
- 0 - 10
- 10 - 20
- 20 - 30
- > 30
- No data

City district mentioned in the reports (main report, policy handbook and/or city report)
1.6 Nantes

Map 1.11: Share of older people per neighbourhood in Nantes, 2015

Nantes: Share of older people 2015

Population aged 65 and over as share of total population (%)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- > 25

City district mentioned in the reports (main report, policy handbook and/or city report)
Map 1.12: Change in older population per neighbourhood in Nantes, 2007-2015

Nantes: Change in older population 2007-2015

Population change among people aged 65 and over (%)

- City district mentioned in the reports (main report, policy handbook and/or city report)
1.7 Oslo

Map 1.13: Share of older people per neighbourhood in Oslo, 2017

Oslo: Share of older people 2017

Population aged 65 and over as share of total population (%)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- > 25

City district mentioned in the reports (main report, policy handbook and/or city report)
Map 1.14: Change in older population per neighbourhood in Oslo, 2001-2017

Oslo: Change in older population 2001 - 2017

Population change among people aged 65 and over

- City district mentioned in the reports (main report, policy handbook and/or city report)
1.8 Zaragoza

Map 1.15: Share of older people per neighbourhood in Zaragoza, 2018

Zaragoza: Share of older people 2018

Population aged 65 and over as share of total population (%)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- > 25

City district mentioned in the reports (main report, policy handbook and/or city report)
Map 1.16: Change in older population per neighbourhood in Zaragoza, 2004-2018

Zaragoza: Change in older population 2004-2018

Population change among people aged 65 and over (%)

- < -10
- -10 - 0
- 0 - 10
- 10 - 20
- 20 - 30
- > 30

City district mentioned in the reports (main report, policy handbook and/or city report)
2 Comparing stakeholder city regions with other regions in their countries

2.1 France

Map 2.1: Share of older people at NUTS 3 in France, 2018

France: Share of older people 2018

Population aged 65 and over as share of total population (%)

- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30
- 30 - 40

Note: Category “<10” is missing because there are no regions that fall into this category, where the share of older people would be lower than 10 percent. Hence it is not included in the map.
Map 2.2: Change in older population at NUTS 3 in France, 2000-2018

France: Change in older population 2000-2018

Population change among people aged 65 and over (%)

- 0 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- > 50
- No data
Map 2.3: Life expectancy at age 60 per gender at NUTS 3 in France, 2016

France: Life expectation at the age of 60 in 2016

Remaining years of expected lifetime at the age of 60

- < 18
- 18 - 20
- 20 - 22
- 22 - 24
- 24 - 26
- > 26

Note: The statistics are based on the age of 60, due to limited availability of data. Data for the age of 65 were not available.
Figure 2.1: Population pyramids for Nantes (above) in 2016 and France (bottom) in 2019

Source: Insee, estimations de population. Most recent data used.
2.2 Netherlands

Map 2.4: Share of older people per municipality in the Netherlands, 2017

The Netherlands: Share of older people 2017
Map 2.6: Life expectancy at age 65 per gender and municipality in the Netherlands, 2013-2016

The Netherlands: Life expectancy at the age of 65 in 2013-2016

Remaining years of expected lifetime the age of 65

- < 18
- 18 - 20
- 20 - 22
- 22 - 24
- 24 - 26
- > 26
Figure 2.2: Population pyramids for Amsterdam (above) and Netherlands (bottom) in 2018

Source: Netherlands Statistics Bureau (CBS)
Figure 2.3: Population pyramids for Hengelo (above) and Netherlands (bottom) in 2018

Source: Netherlands Statistics Bureau (CBS)
2.3 Norway

Map 2.7: Share of older people per municipality in Norway, 2018

Note: Category "<10" is missing because there are no municipalities that fall into this category, where the share of older people would be lower than 10 percent. Hence it is not included in the map.
Map 2.8: Change in older population per municipality in Norway, 2000-2018

Norway: Change in older population 2000-2018

Population change among people aged 65 and over (%)

- < -10
- -10 - 0
- 0 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- > 50

Territorial level: Kommune/LAU2
Source: Espon ACPA, 2019
Origin of data: Statistisk sentralbyrå (SSB), 2019
Nordregio and NLS Finland for administrative boundaries
Map 2.9: Life expectancy at age 65 per gender at NUTS 3 in Norway, 2011-2015

Norway: Life expectation at the age of 65 in 2011-2015

Remaining years of expected lifetime at the age of 65

- < 18
- 18 - 20
- 20 - 22
- 22 - 24
- 24 - 26
- > 26
Figure 2.4: Population pyramids for Oslo (above) and Norway (bottom) in 2018

Source: Statistics Norway
2.4 Spain

Map 2.10: Share of older people per municipality in Spain, 2018

Spain: Share of older people 2018

Population aged 65 and over as share of total population (%)

- < 10
- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30
- 30 - 40
- 40 - 50
- > 50
- No data

Territorial level: Municipio/LAU 2
Source: Espon ACPA, 2019
Origin of data: Instituto Nacional de Estadística (INE), 2019
© UME RIATE for administrative boundaries
Map 2.11: Change in older population per municipality in Spain, 2000-2018

Spain: Change in older population 2000-2018

Population change among people aged 65 and over (%)
Map 2.12: Life expectancy at age 65 per gender at NUTS 3 in Spain, 2017

Spain: Life expectancy at the age of 65 in 2017

Remaining years of expected lifetime at the age of 65

The life expectancy at the age of 65 in 2017 in Melilla was 17.33 years for males and 20.21 years for females. In Ceuta correspondingly 17.24 years for males and 20.10 for females.
Figure 2.5: Population pyramids for Barcelona (above) and Spain (bottom) in 2018

Source: National Statistics Institute Spain
Figure 2.6: Population pyramids for Zaragoza (above) and Spain (bottom) in 2018

Source: National Statistics Institute Spain
2.5 Sweden

Map 2.13: Share of older people per municipality in Sweden, 2018

Sweden: Share of older people 2018

Note: Category “<10” is missing because there are no municipalities that fall into this category, where the share of older people would be lower than 10 percent. Hence it is not included in the map.
Map 2.14: Change in older population per municipality in Sweden, 2000-2018

Sweden: Change in older population 2000-2018

Population change among people aged 65 and over (%)

- < -10
- -10 - 0
- 0 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- > 50

Territorial level: Kommun/LAU2
Source: Espon ACPA, 2019
Origin of data: Statistiska centralbyrån (SCB), 2019
Nordregio and NLS Finland for administrative boundaries

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Map 2.15: Life expectancy at age 65 per gender at NUTS 3 in Sweden, 2013-2017

Sweden: Life expectation at the age of 65 in 2013-2017

Remaining years of expected lifetime at the age of 65

- < 18
- 18 - 20
- 20 - 22
- 22 - 24
- 24 - 26
- > 26
Figure 2.7: Population pyramids for Gothenburg (above) and Sweden (bottom) in 2018

Source: (SCB) Statistikservice, Statistics Sweden
2.6 United Kingdom

Map 2.16: Share of older people per LAU in the United Kingdom, 2017

UK: Share of older people 2017

Population aged 65 or over as a share of total population 2017

- < 10
- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30
- 30 - 40
Map 2.17: Change in older population per LAU in the United Kingdom, 2001-2017

UK: Change in older population 2001-2017

Population change among people aged 65 and over (%)

- < - 10
- 0 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- > 50

Source: Espon ESPON ACPA, 2019

Origin of data: Office for National Statistics (ONS), 2019

ONS Geography UK for administrative boundaries

Data: Population in mid-year
Map 2.18: Life expectancy at age 65 per gender and LAU in the United Kingdom, 2015-2017

UK: Life expectancy at the age of 65, 2015-2017

Remaining years of expected lifetime at the age of 65

- < 18
- 18 - 20
- 20 - 22
- 22 - 24
- 24 - 26
- > 26
Figure 2.8: Population pyramids for Greater Manchester (above) and UK (bottom) in mid-2017

Source: Office of National Statistics (ONS UK)
3 Comparing the ESPON countries with each other

3.1 Share of older people among the total population

Figure 3.1: Percentage of older people (65+ years) among the total population in Western European countries – Past and projected trends


Figure 3.2: Percentage of older people (65+ years) among the total population in Eastern European countries – Past and projected trends

Source: Eurostat
Figure 3.3: Percentage of older people (65+ years) among the total population in Northern European countries – Past and projected trends

Source: Eurostat

Figure 3.4: Percentage of older people (65+ years) among the total population in Southern European countries – Past and projected trends

Source: Eurostat
Map 3.1: Share of older people in European regions, 2017

Population aged 65 and over as share of total population (%)

- <10
- 10 - 15
- 15 - 20
- 20 - 25
- >25
- No Data

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Regional level: NUTS 2 (2013)
Source: ESPON ACPA, 2020
Origin of data: Eurostat, 2019

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Map 3.3: Projected share of older people in European countries, 2030

Projected share of older people 2030

Population aged 65 and over as share of total population (%)

- < 20
- 20 - 21
- 21 - 23
- 23 - 25
- > 25
- No Data

© ESPON, 2019

Regional level: NUTS.0 (2013)
Source: ESPON ACPA, 2020
Origin of data: Eurostat, 2019

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Figure 3.5: Remaining life expectancy at 65 per gender in European countries in 2017

Source: Eurostat
Note: darker coloured bars refer to the countries of the stakeholder cities.
3.3 Self-declared health status

Figure 3.6: Self-perceived health among older people in the stakeholder countries in 2017

<table>
<thead>
<tr>
<th>Country</th>
<th>Very good</th>
<th>Good</th>
<th>Fair</th>
<th>Bad</th>
<th>Very bad</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>3%</td>
<td>15%</td>
<td>42%</td>
<td>35%</td>
<td>5%</td>
</tr>
<tr>
<td>Netherlands</td>
<td>2%</td>
<td>6%</td>
<td>32%</td>
<td>48%</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>5%</td>
<td>13%</td>
<td>39%</td>
<td>39%</td>
<td>13%</td>
</tr>
<tr>
<td>Norway</td>
<td>2%</td>
<td>8%</td>
<td>29%</td>
<td>30%</td>
<td>9%</td>
</tr>
<tr>
<td>Sweden</td>
<td>1%</td>
<td>6%</td>
<td>30%</td>
<td>39%</td>
<td>18%</td>
</tr>
<tr>
<td>UK</td>
<td>2%</td>
<td>9%</td>
<td>30%</td>
<td>39%</td>
<td>19%</td>
</tr>
</tbody>
</table>

Source: Eurostat
3.4 Living arrangement among older people

Figure 3.7: Living arrangements among people aged 65 and over in the stakeholder countries in 2017

Living arrangements among older people (65+ years):
France

- 54%: One adult 65 years or over
- 37%: Couple without children without other persons
- 5%: Couple living with other persons
- 4%: Other households

Living arrangements among older people (65+ years):
Netherlands

- 65%: One adult 65 years or over
- 31%: Couple without children without other persons
- 1%: Couple living with other persons
- 3%: Other households

Living arrangements among older people (65+ years):
Norway

- 58%: One adult 65 years or over
- 39%: Couple without children without other persons
- 2%: Couple living with other persons
- 1%: Other households

Source: Eurostat
3.5 Citizenship of older people in Europe

Figure 3.8: Older population (65+ years) by citizenship group in the European Union (2017)

Source: Eurostat