

Ageing in Cities

Table of contents

Executive summary.....	11
Part I Ageing societies and sustainable urban development.....	15
Chapter 1 Trends in ageing societies and sustainable urban development.....	17
Defining ageing societies for sustainable urban development	18
Ageing trends	25
Conclusion.....	35
Annex 1.A1 Methodology for assessing ageing trends in OECD metropolitan areas.....	36
References	38
Chapter 2 The impact of ageing societies on sustainable urban development.....	41
Introduction	42
Economic implications.....	42
Social implications	50
Opportunities in ageing societies	56
Ageing challenges for cities in different stages of the demographic transition.....	57
Conclusion and future work	59
References	59
Chapter 3 Policy strategies for ageing societies	67
Introduction	68
Developing a long-term vision.....	68
Developing indicators to measure “ageing societies”	71
Promoting health for all ages.....	74
Increasing older people’s engagement in the labour market and in social activities.....	75
Providing affordable living in accessible environments	80
Redesigning the urban area to increase attractiveness and well-being.....	83
References	86
Chapter 4 Governance of ageing societies	93
Incorporate new actors for concerted action	94
Ensure policy synergies between levels of governments	98
Create a horizontal governance structure to overcome policy “silos”.....	104
References	106
Part II How cities are handling their ageing societies: Nine case studies	111
Chapter 5 Introduction: Assessing the case studies.....	113
Objectives.....	114
Methodology	114
General comparative assessment.....	115

<i>Chapter 6</i> Toyama, Japan.....	121
<i>Chapter 7</i> Yokohama, Japan.....	131
<i>Chapter 8</i> Lisbon, Portugal.....	141
<i>Chapter 9</i> Calgary, Canada.....	151
<i>Chapter 10</i> Brno, Czech Republic.....	161
<i>Chapter 11</i> Manchester, United Kingdom.....	169
<i>Chapter 12</i> Philadelphia, United States.....	179
<i>Chapter 13</i> Helsinki, Finland.....	185
<i>Chapter 14</i> Cologne, Germany.....	193

Tables

Table 1.A1.1. Statistical sources.....	37
Table 2.1. Challenges and opportunities in ageing societies (summary).....	42
Table 3.1. Six recommended strategies.....	68
Table 3.2. Visions at the city level.....	70
Table 3.3. Recommended indicators supporting the assessment of ageing societies for each type of city.....	74
Table 4.1. National policy frameworks dealing with population ageing in OECD countries.....	100
Table 4.2. National urban policy frameworks in OECD countries.....	101
Table 5.1. Case study cities.....	116
Table 5.2. Leading policies to address ageing societies in case study cities.....	116
Table 6.1. Toyama City overview.....	122
Table 6.2. Population in Toyama city and in residential encouragement zones, 2000 and 2013.....	125
Table 7.1. Yokohama city overview.....	132
Table 8.1. Lisbon city overview.....	142
Table 9.1. The city of Calgary overview.....	152
Table 10.1. Brno overview.....	162
Table 11.1. Manchester overview.....	170
Table 12.1. The city of Philadelphia overview.....	180
Table 13.1. Helsinki overview.....	186
Table 14.1. Cologne city overview.....	194

Figures

Figure 1.1. Key aspects of ageing societies.....	19
Figure 1.2. Age distribution of the population of older people in OECD countries, 1950, 2010 and 2050.....	22
Figure 1.3. Life expectancy at 65 years old, by gender, 1960 and 2010.....	22
Figure 1.4. Decline in physical ability among older people, by age.....	24
Figure 1.5. Age distribution of older residents in the city of Helsinki, 1990-2050.....	24
Figure 1.6. Median age in OECD countries, 1950, 2010 and 2100.....	25
Figure 1.7. Population change by age group, world and OECD, 1950-2100.....	26

Figure 1.8.	Older people as a percentage of total population, OECD countries, 1950-2100	26
Figure 1.9.	Share of annual growth rate of older population in OECD regions, 2001-2011	27
Figure 1.10.	Geographic distribution of the population of older people in predominantly urban, intermediate and predominantly rural OECD regions, 2011.....	28
Figure 1.11.	Proportion of older people in predominantly urban and predominantly rural OECD regions, country averages, 2012.....	28
Figure 1.12.	Number and proportion of the population of older people in OECD metropolitan areas, core and hinterland, 2001 and 2011.....	29
Figure 1.13.	Average proportion of the population of older people in OECD metropolitan areas, by urban core, hinterland and city size, 2001 and 2011.....	30
Figure 1.14.	Average older population as a percentage of total population in OECD metropolitan areas, for urban core and hinterland, by country, 2001 and 2011.....	31
Figure 1.15.	Average older population as a percentage of total population in OECD metropolitan areas, per country, 2001 and 2011	31
Figure 1.16.	Average population of older people as a percentage of total population in OECD metropolitan areas per country and national average, 2011	32
Figure 1.17.	Average older and total population change in OECD metropolitan areas, per country	32
Figure 1.18.	Average annual growth rate of older and total populations, and percentage of population of older people in OECD metropolitan areas by country, 2001-11	33
Figure 1.19.	Average annual growth rate of older and total populations in OECD metropolitan areas, 2001-11	33
Figure 1.20.	Annual growth rate of older and total populations in selected OECD metropolitan areas, 2001-11	34
Figure 1.21.	Average annual growth rate of population of older people in OECD urban core and hinterland, 2001-11.....	34
Figure 2.1.	Changes in labour supply across the OECD , 1970-2050	42
Figure 2.2.	Sub-national government revenue composition, 2010	44
Figure 2.3.	Changes in the age distribution of the labour force, 2000-12	45
Figure 2.4.	Sectorial employment structure in the EU 27 by sector and age group, 2006	46
Figure 2.5.	Sectorial employment structure in Japan by sector and age group, 2012.....	46
Figure 2.6.	Sectorial employment structure in the United States by sector and age group, 2013	47
Figure 2.7.	Employment-related moves in the Unites States, by age group, 2012-13.....	47
Figure 2.8.	Functional distribution of sub-national government spending.....	48
Figure 2.9.	Percentage of older people (aged 65 and over) living alone in selected countries, 2012	51
Figure 2.10.	Living arrangements of people aged 65 and over in Japan, 1960-2030.....	51
Figure 2.11.	Daily transport methods, in select countries, by age	52
Figure 2.12.	Accessibility to local health centres using public transport in Lisbon, 2013	53
Figure 2.13.	Poverty rates, percentage of people with less than 50% of median household disposable income, older and total population in OECD countries, 2008	54
Figure 2.14.	Housing status among those over 65 in selected OECD countries, 2011	55
Figure 2.15.	Total population growth and rate of growth of the older population by type of metropolitan area, annual average growth rate, 2001-11	58

Figure 2.16.	Ageing challenges of different types of cities	58
Figure 3.1.	Projected demographic trends through the 21st century for Japan and Germany	69
Figure 3.2.	Average effective age of retirement versus official age, 2007-12.....	76
Figure 3.3.	Comparison of state and local public investment as a percentage of the total in selected OECD countries, 2011	84
Figure 5.1.	Structure of case studies.....	115
Figure 6.1.	Demographic structure of Toyama, 1985 and 2013.....	123
Figure 6.2.	Population inflow and outflow by age group in Toyama, 2006 and 2012	123
Figure 6.3.	Population of older people as a percentage of total population in the Toyama metropolitan area, 2001 and 2013.....	124
Figure 6.4.	Population of older people in the Toyama city centre and residential encouragement zones	124
Figure 6.5.	Population of older people in 250 metre grid in the central area of Toyama, 2012.....	125
Figure 7.1.	Demographic forecast for Yokohama, 1970-2050.....	133
Figure 7.2.	Demographic structure of Yokohama, 1970 and 2010.....	133
Figure 7.3.	Concentration of population of older people (250 metre grid).....	134
Figure 8.1.	Demographic structure in Lisbon, 1960 and 2011	143
Figure 8.2.	Population of older people as percentage of total population in the Lisbon metropolitan area, 2001 and 2011	144
Figure 9.1.	Demographic structure of Calgary, 2001 and 2011	153
Figure 9.2.	Population of older people as a percentage of total population in the urban core in the Calgary metropolitan area, 2001 and 2011.....	154
Figure 10.1.	Population of older people as a percentage of total population in the Brno metropolitan area, 2001 and 2011	163
Figure 10.2.	Population of older people as a percentage of total population of Brno, per basic area unit, 2011.....	164
Figure 11.1.	Demographic age structure of the city of Manchester, 2012 and 2021	171
Figure 11.2.	Population of older people as a percentage of total population in the Manchester metropolitan area, 2001 and 2011	171
Figure 12.1.	Age structure of the city of Philadelphia, 2001-10	181
Figure 12.2.	Population of older people as a percentage of total population in urban core in the Philadelphia metropolitan area, 2000 and 2010	182
Figure 13.1.	Past and future population growth in the city of Helsinki, broad age groups	187
Figure 13.2.	Population of older people as a percentage of total population in the Helsinki metropolitan area, 2001 and 2011.....	188
Figure 14.1.	Demographic structure in Cologne, 1960 and 2010.....	195
Figure 14.2.	Population of older people as a percentage of total population in the Cologne metropolitan area, 2001 and 2011.....	195
Figure 14.3.	Share of the population aged 60 and over, 2005 and 2025	196