

3 Challenges for future mobility



Urbanization



Aging



Budget constraint

1900



2007



2030

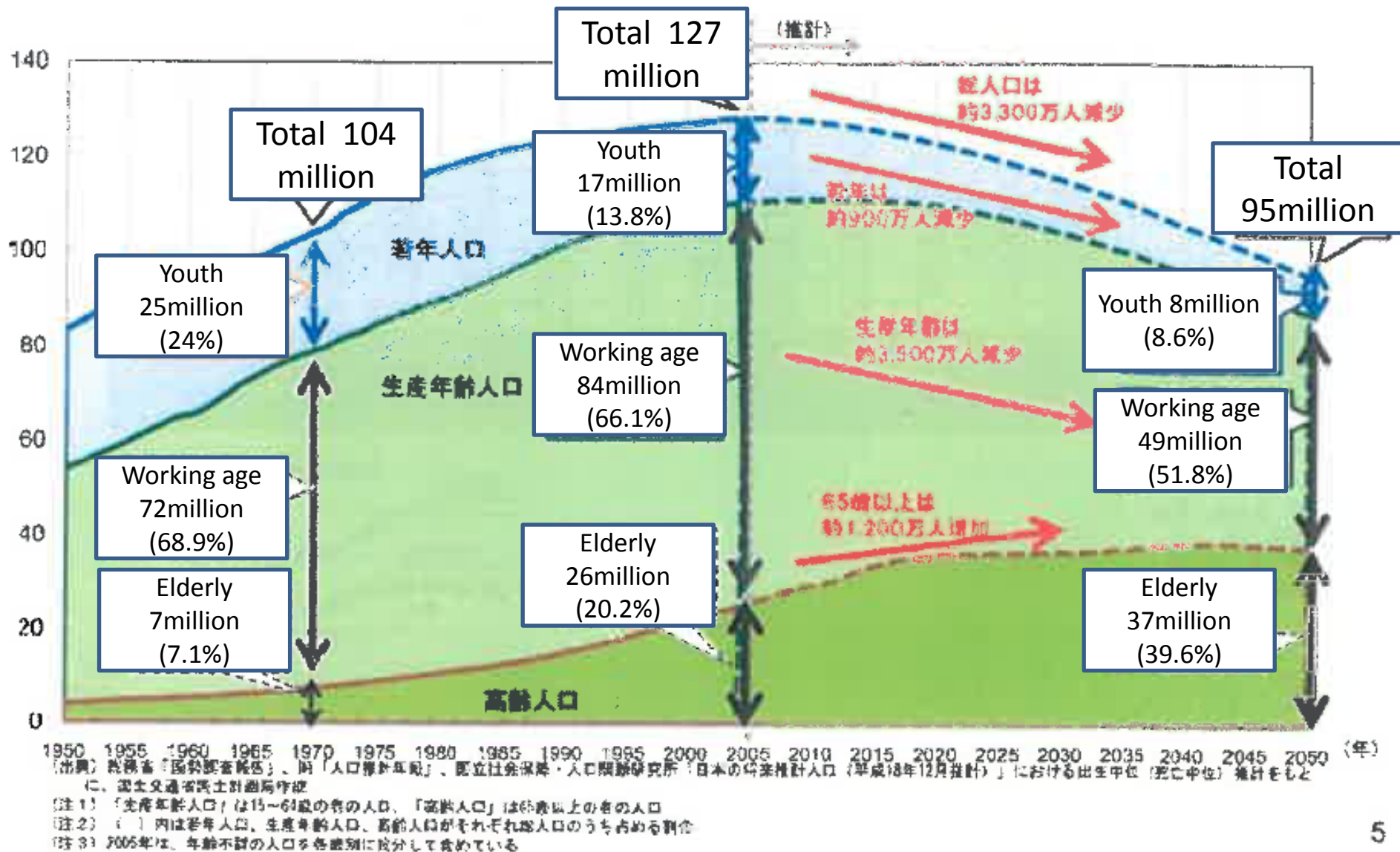


2050

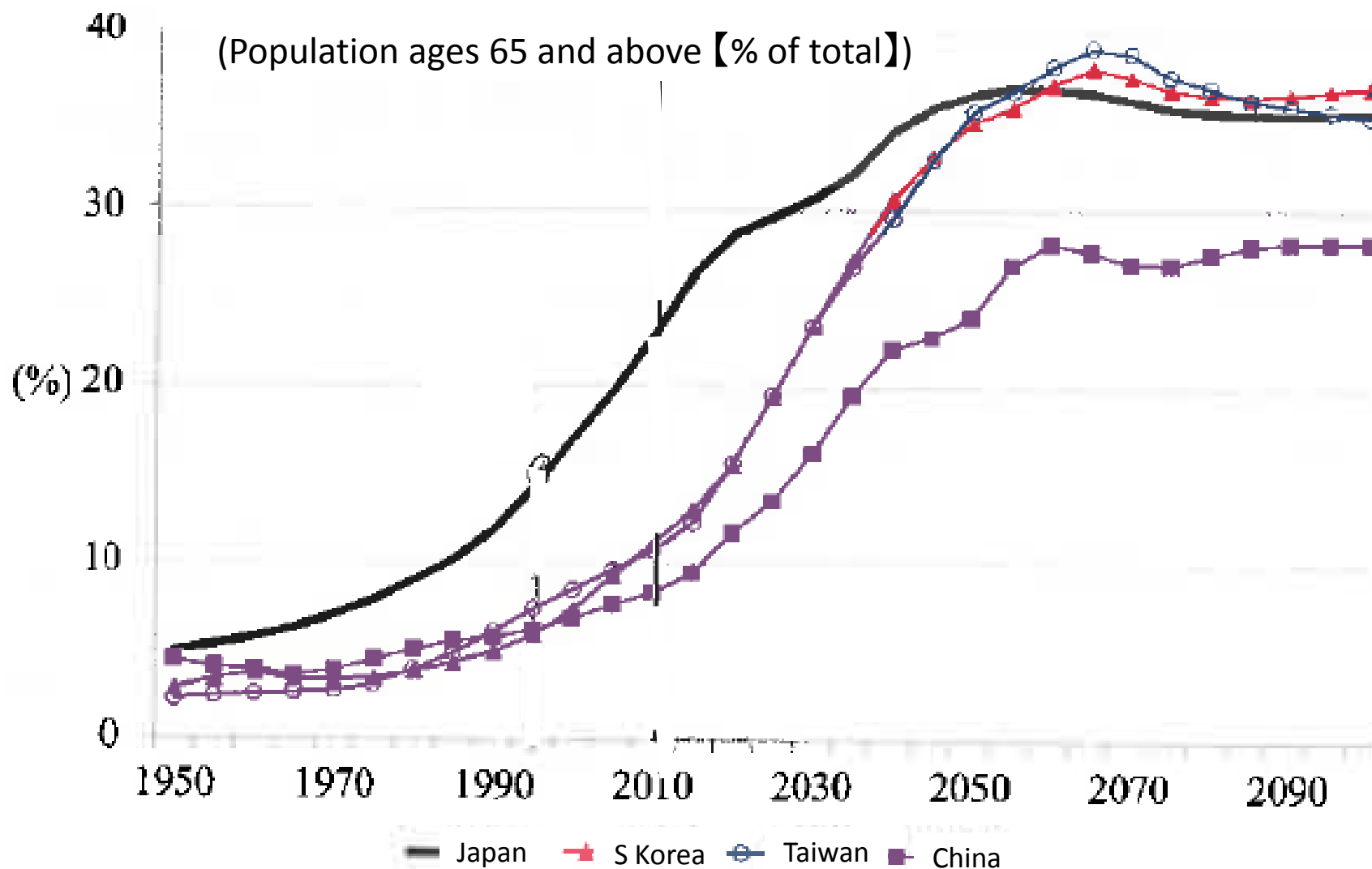


Source: Urban Age (2006)

Decreasing & Aging population

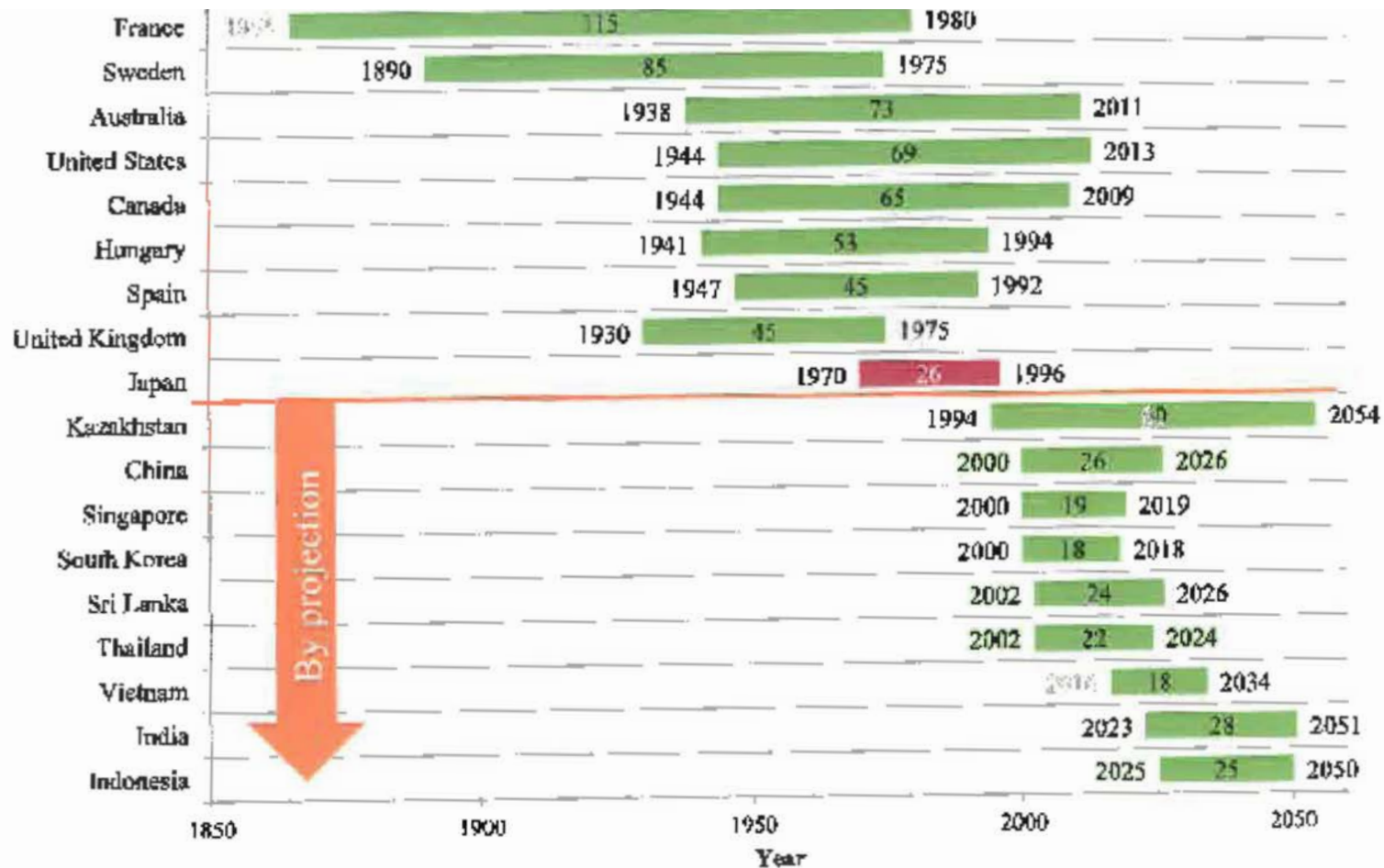


Aging East Asia



United Nations Population Division, *World Population Prospects 2012 Revision*

Asia grows old faster



Note : The number on the left of the bar designated the year when the aging rate attained 7%; the number on the right of the bar designated the year when the aging rate attained 14%. The number in the middle of the bar designates the years required that the aging rate changed from 7% to 14%.
 Source : Kinsella and Wan He (2009), for Kazakhstan, Vietnam, India and Indonesia is calculated using UN (2015)

Fraying and Degrading infrastructure



Harada-Bridge (February 2015)



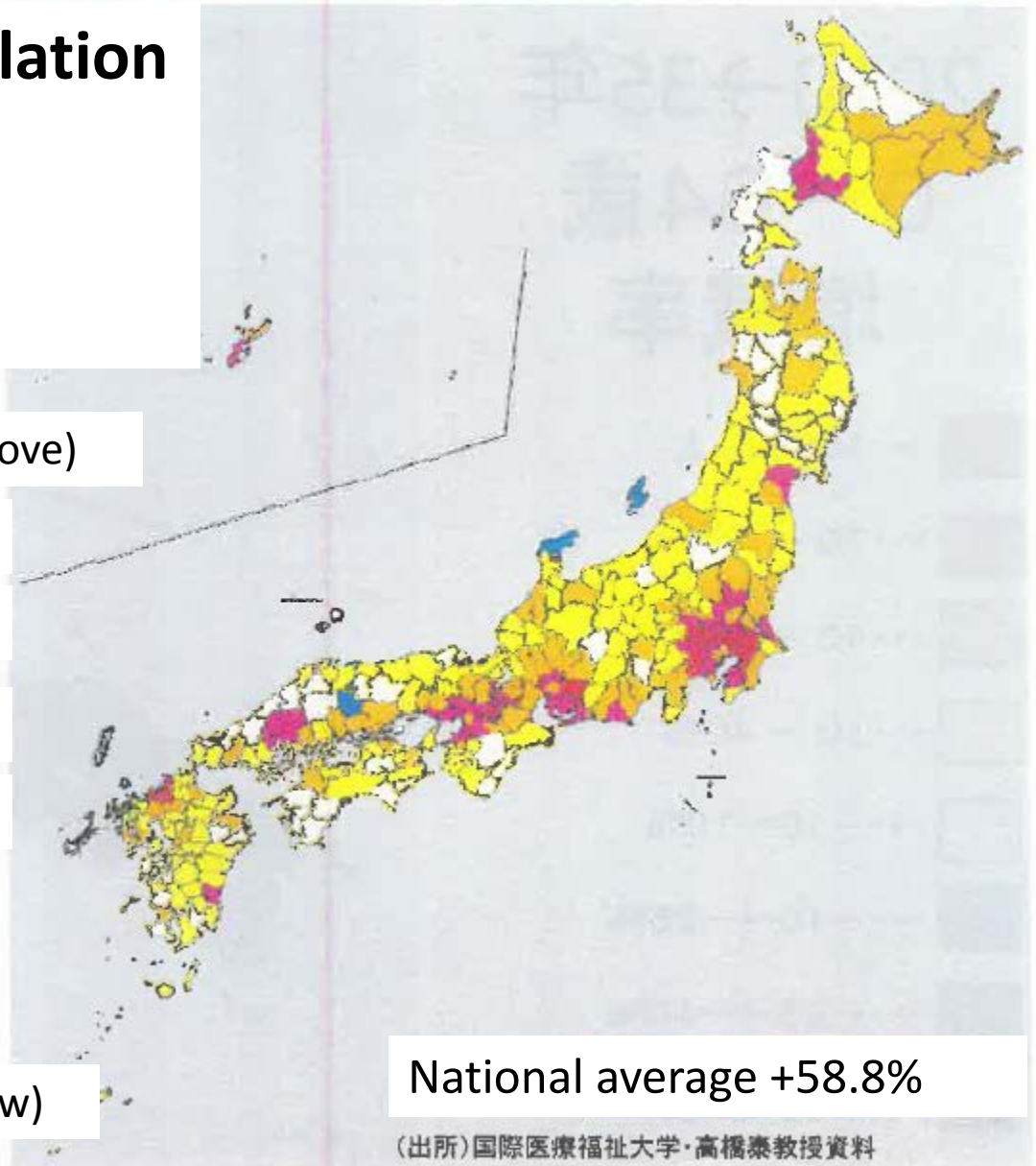
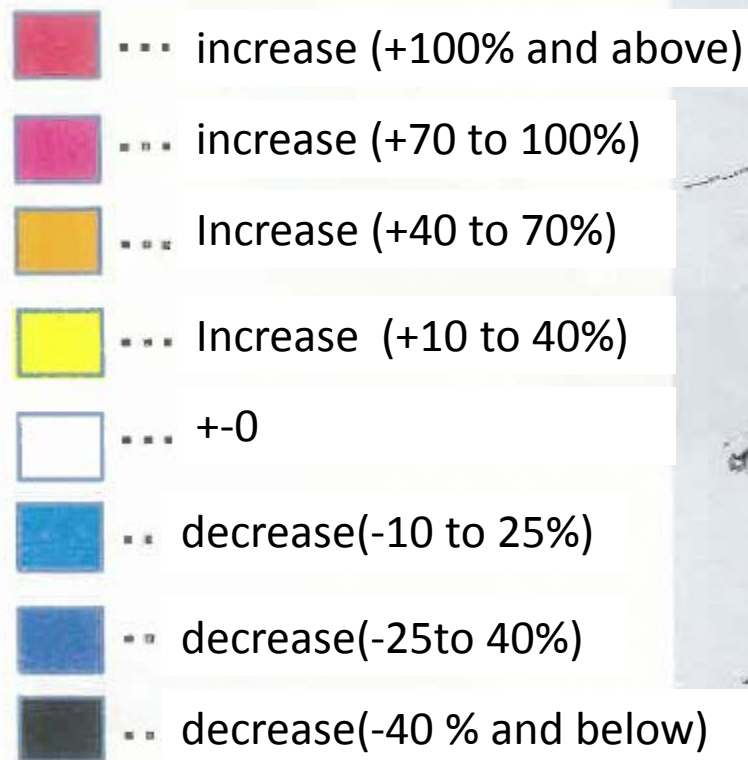
Sasago tunnel (May 2012)

Abandoned and deserted suburban areas of middle-size city



Changes in %of population 75 and above

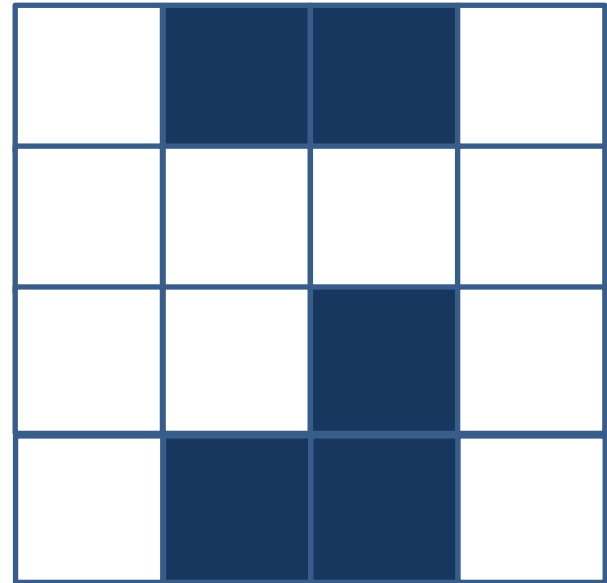
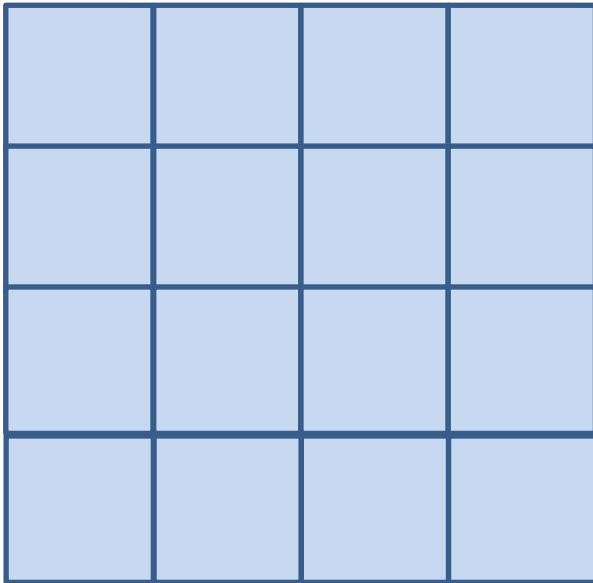
from 2000 to 2050



Universal
Service



Seamless
Service



Seamless

1. Geographic coverage
 - covers “everyday living area” of seniors
 2. Modes of transport
 - connected by “walking”
 3. Administrative boundary
 4. Financial periods
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