

Impact of Demographic Changes: Urbanization, Aging and Employment

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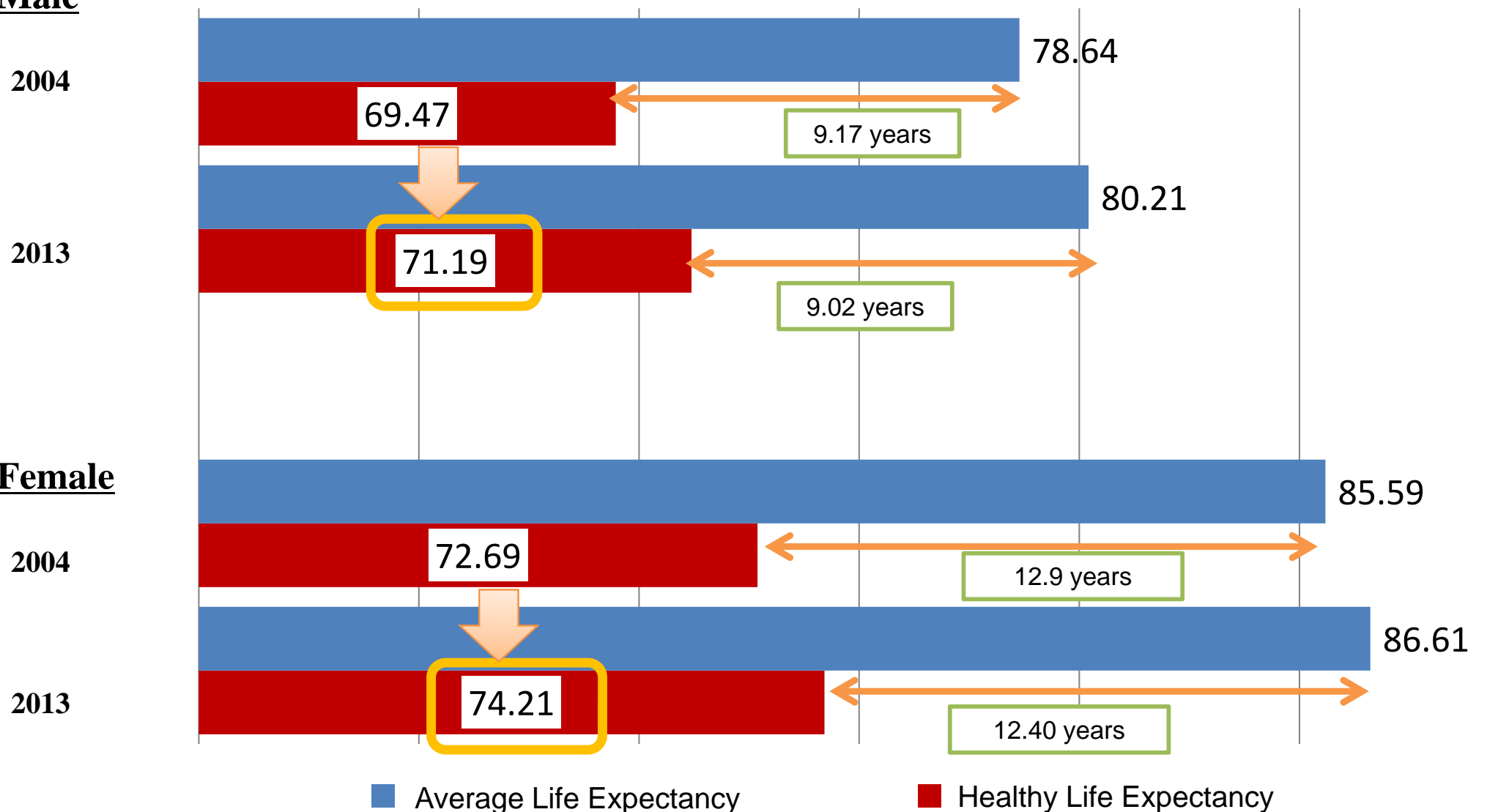
Member, House of Representatives, Japan

November 26th, 2017

Average “Life Expectancy” and “Healthy Life Expectancy” in Japan

*Healthy life Expectancy : Years in which people lead daily life without any self-assessed constraints

Male



Data Source

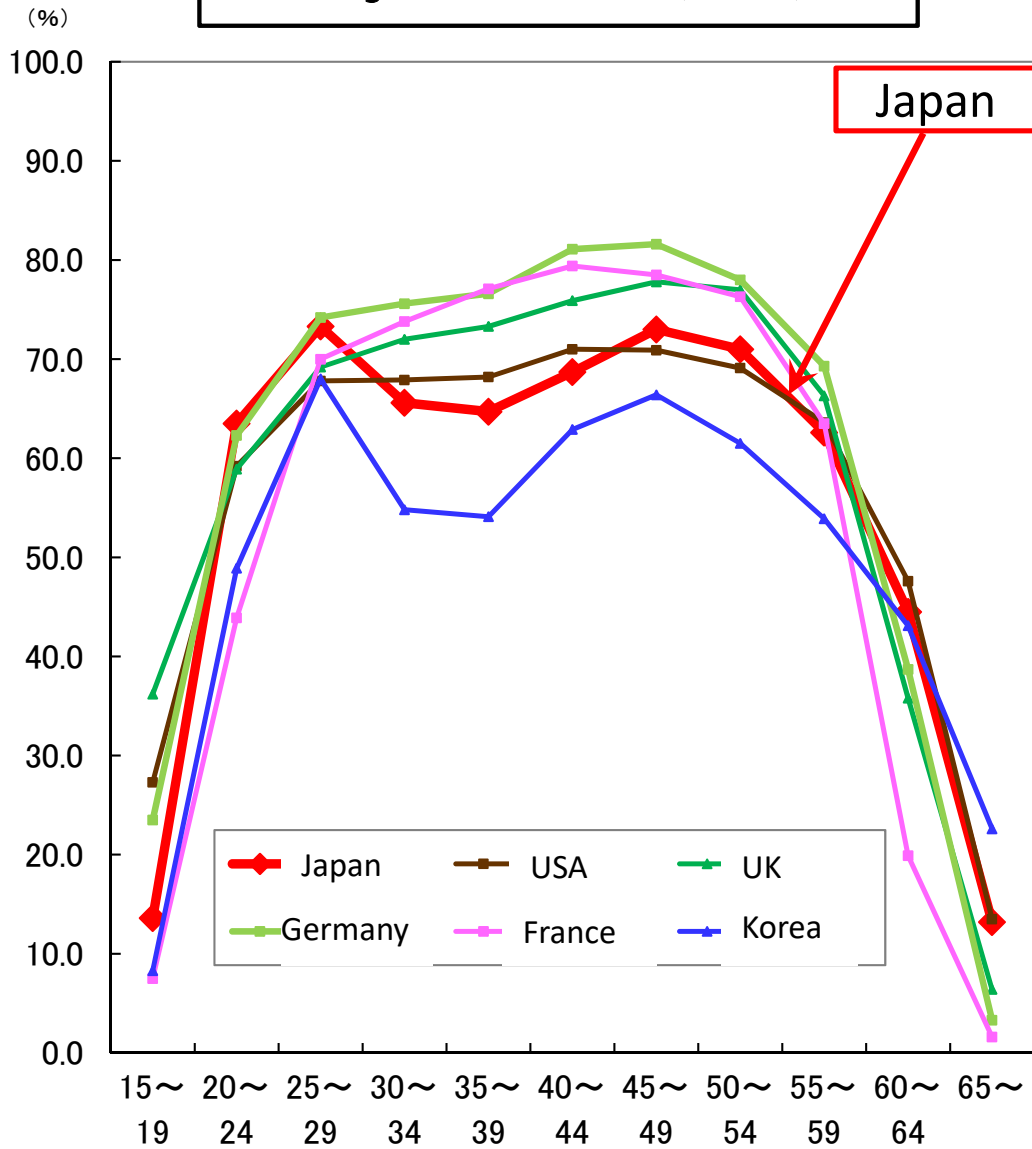
MHLW “Complete Life Table 2010”, “Abridged Life Table 2013”.

MHLW “Abridged Life Table 2010/2013”, “Vital Statistics 2010/2013”, and “National Livelihood Survey 2010/2013”.

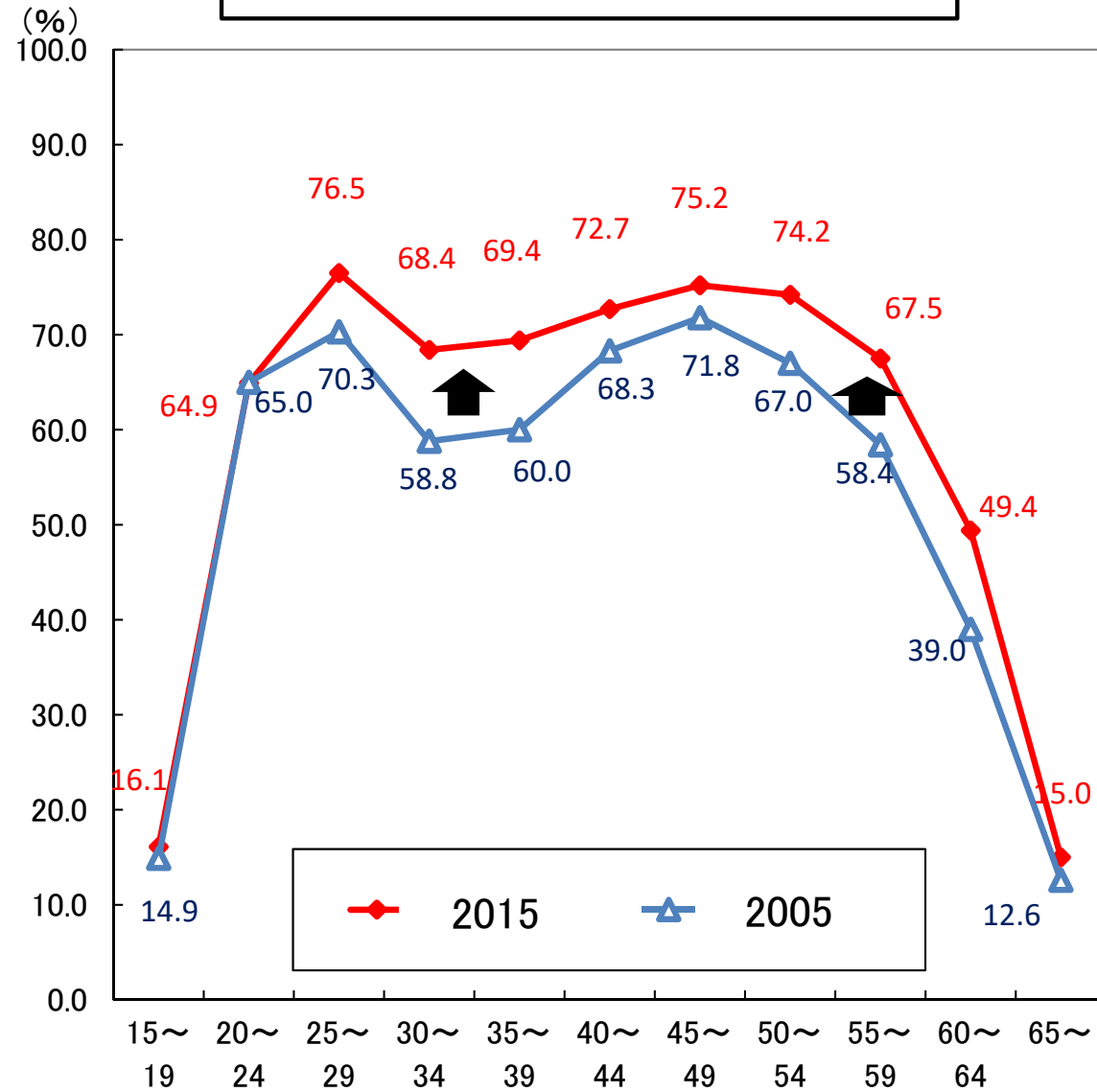
Ministry of Internal Affairs and Communications “Estimated population 2010/2013”.

Women's Employment Rates by Age

Major Countries (2010)



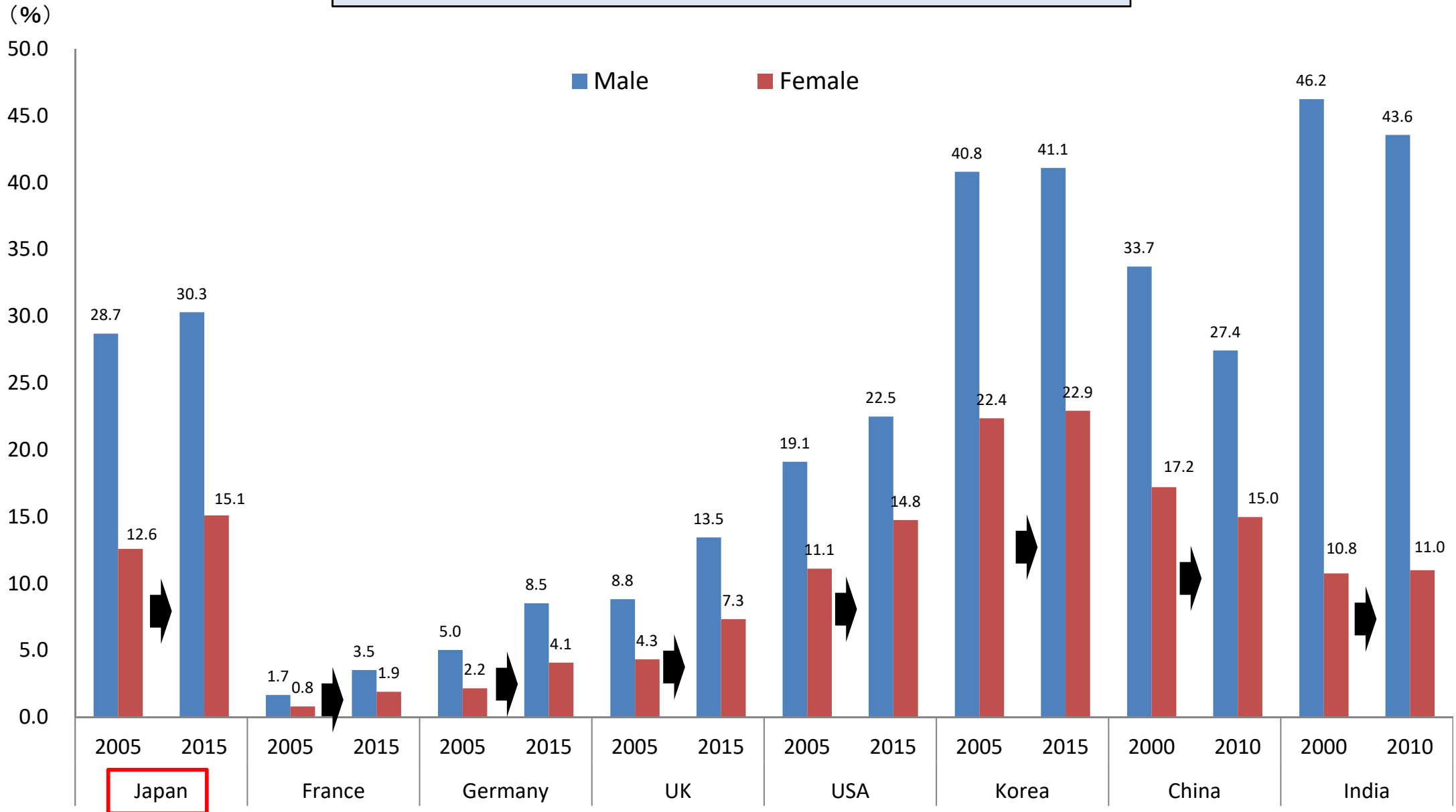
Japan
2005 ⇒ 2015



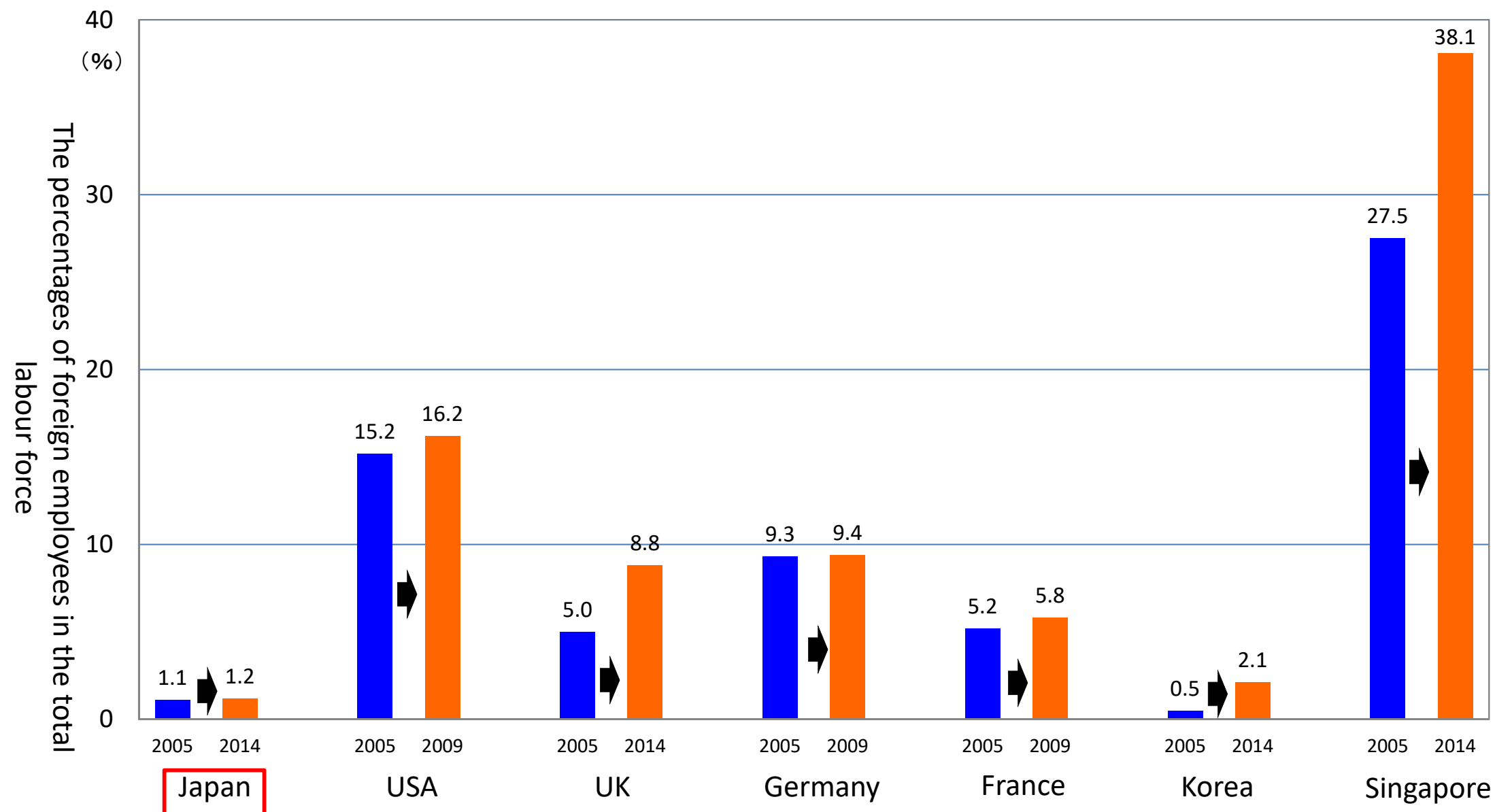
Sources: Japan - MIC's "Labour Force Survey" ;
 other countries - OECD Database "LFS by Sex and Age"
 Notes) For US, UK, and Sweden's age group "15~19," data from age group
 "16~19" is used; similarly, "65~" for Sweden uses data from "65~74."

Employment Rates for the Elderly

65+ age group



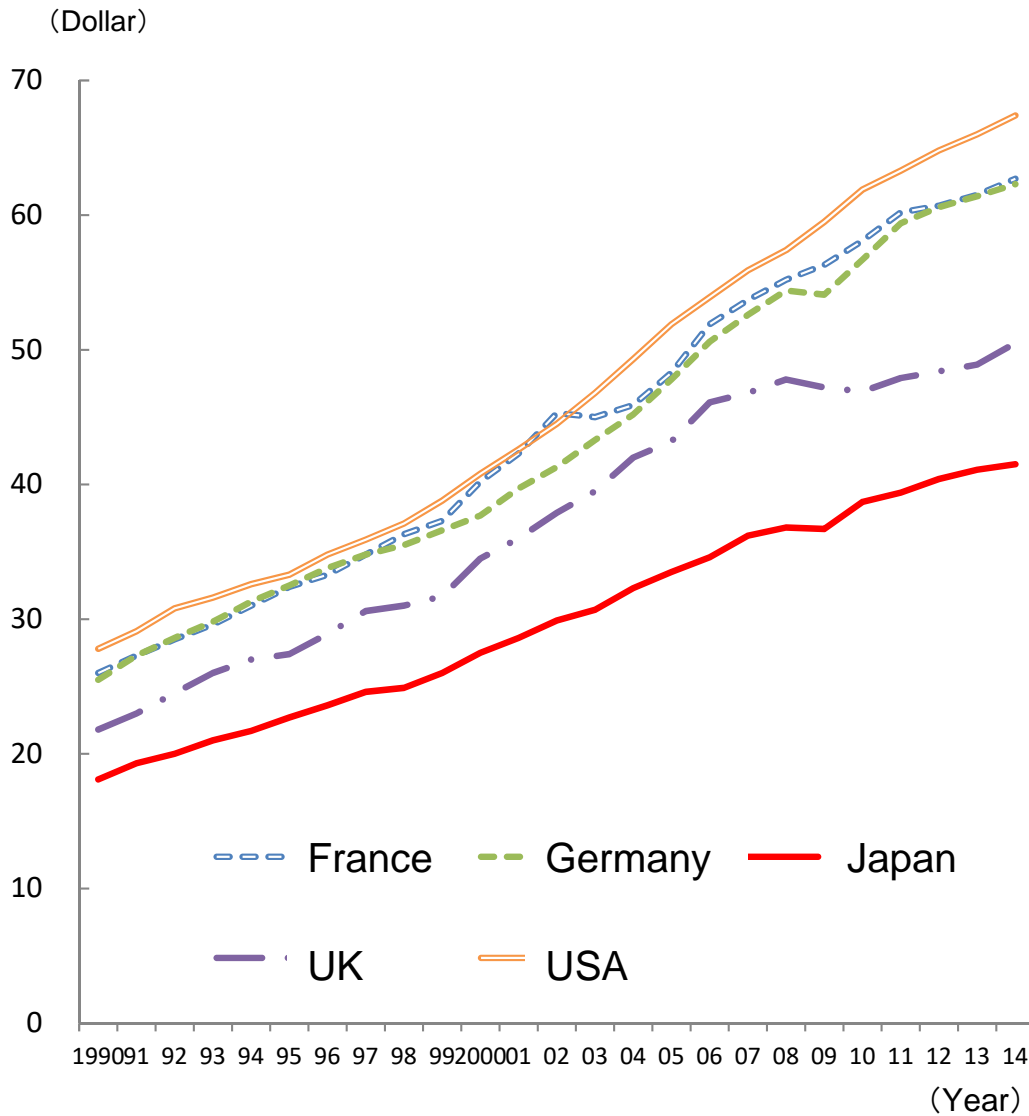
Foreign Labour Force Participation



Source: The Japan Institute for Labour Policy and Training「Databook of International Labour Statistics 2016」

Labour Productivity (man-hour)

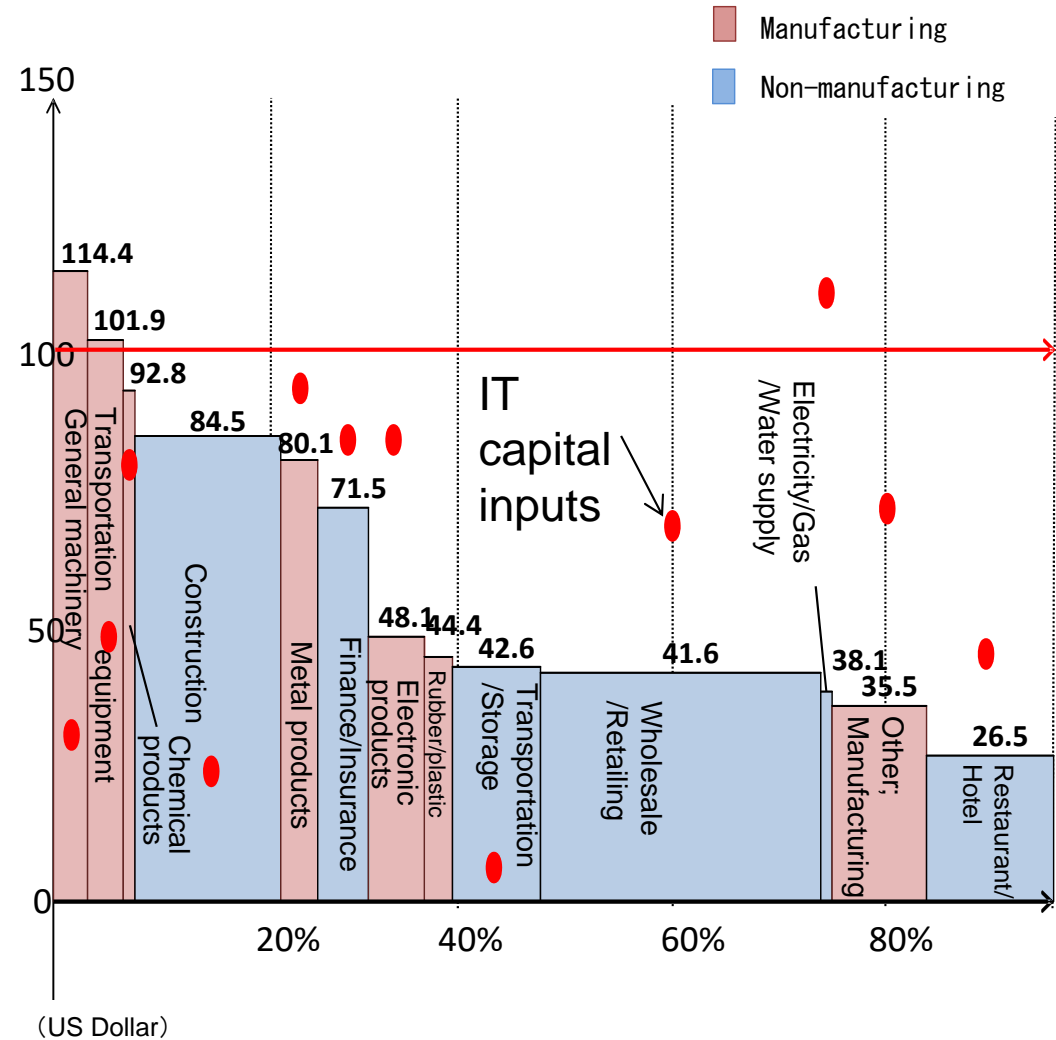
Labour Productivity among Major Countries



Source Produced based on OECD.Stat.

(Notes) It should be noted that the Purchasing Power Parities used for international comparison of labour productivity have concerns arising from varying qualities of selected goods and services depending on countries concerned, and so on.

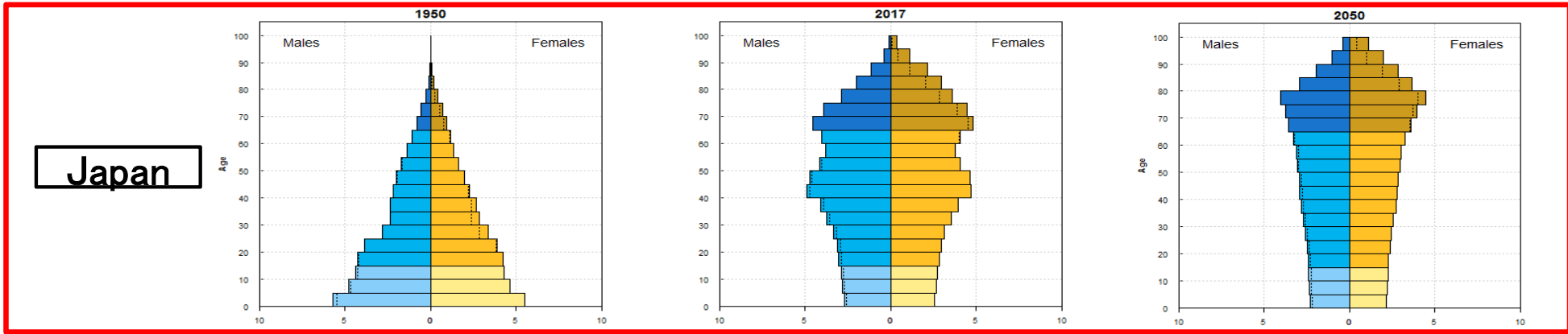
Labour Productivity of Japan and IT Investment (vs. US)



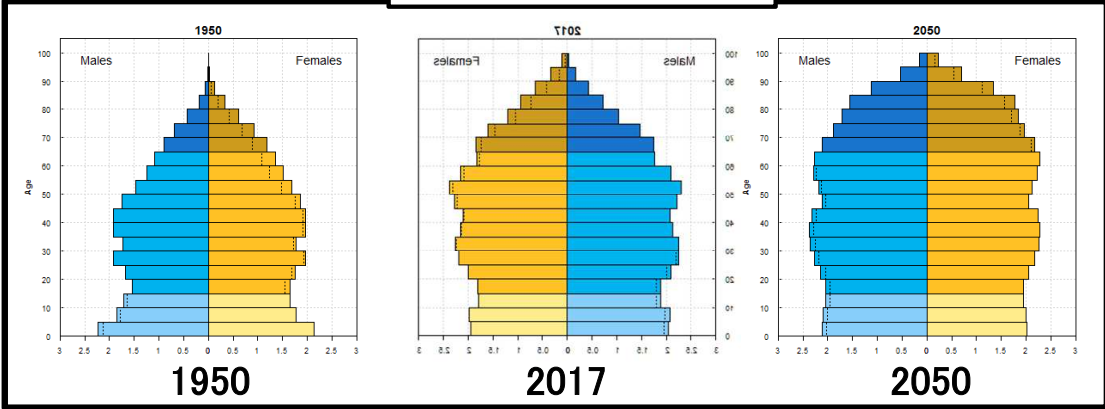
※Vertical axis : Labour Productivity or IT capital inputs (US=100) Horizontal axis : Share of workers (averages between 2007 and 2009). The man-hour labour productivity levels are the average values from 2007 to 2009. The IT capital inputs are the average values from 2000 to 2006 based on man hours. The data for labour productivity levels are compiled by the Counsellor's Office for Labour Policy, MHLW, based on the documents of the 14th Council on Fiscal and Economic Policy in 2015. The data for IT capital inputs are also compiled by the Office of the Counsellor for Labour Policy of the MHLW based on data submitted by the Groningen Growth and Development Center (GGDC).

※Setting the U.S levels of IT capital inputs and the labour productivity as 100, Japanese levels were calculated.

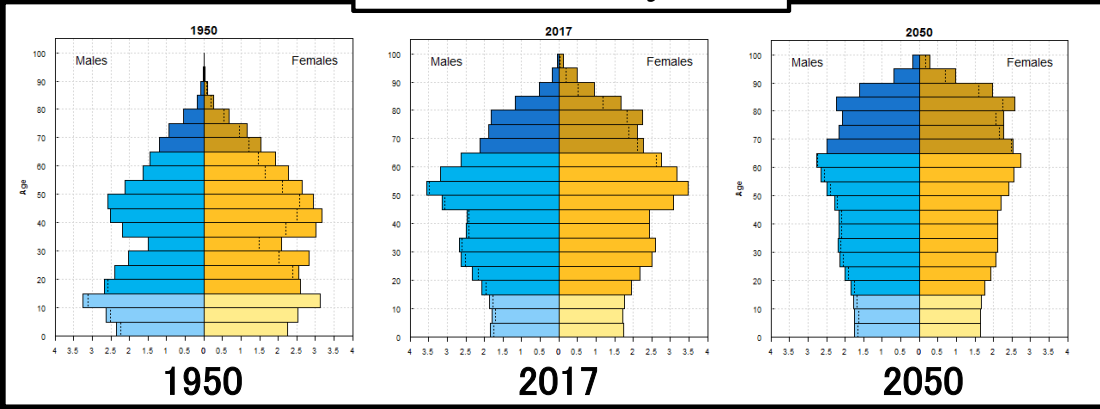
Demographic Changes in G5 Countries



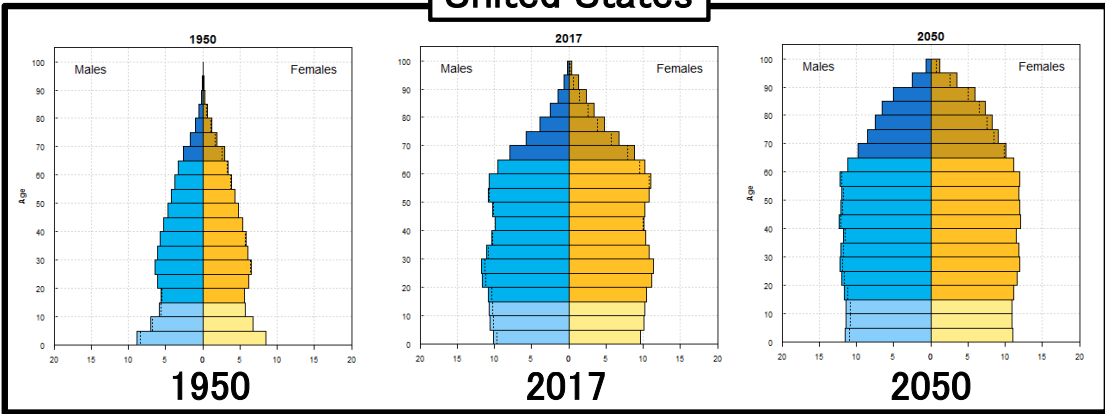
United Kingdom



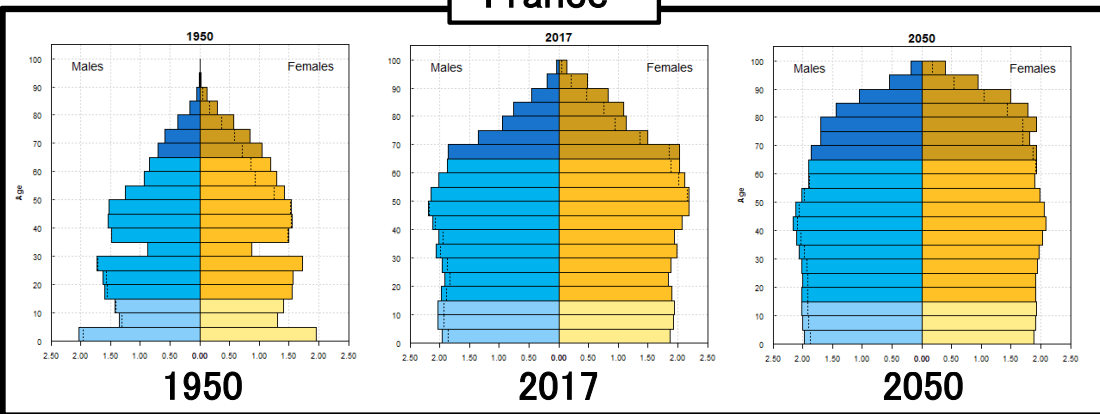
Germany



United States

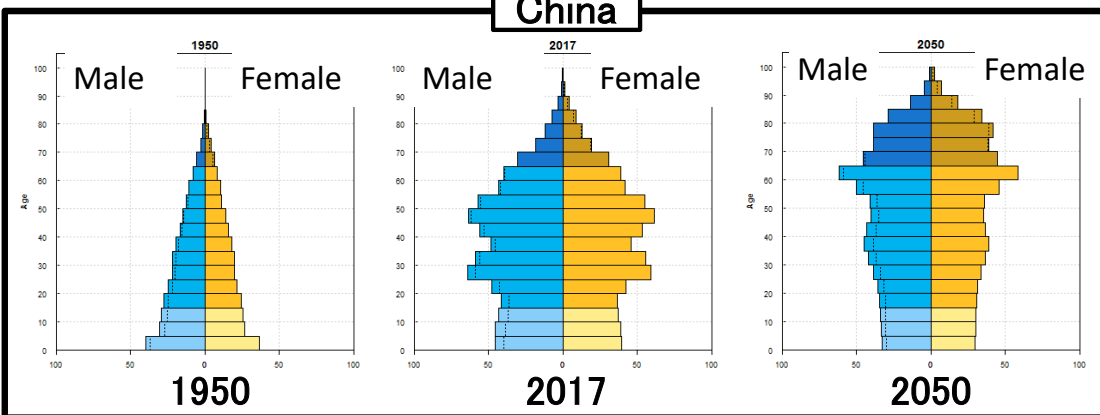


France

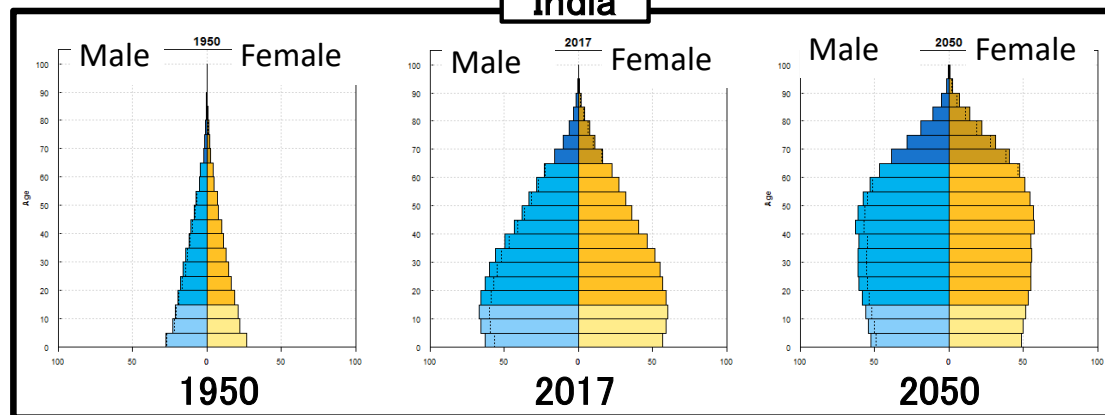


Demographic Changes in Asian Countries

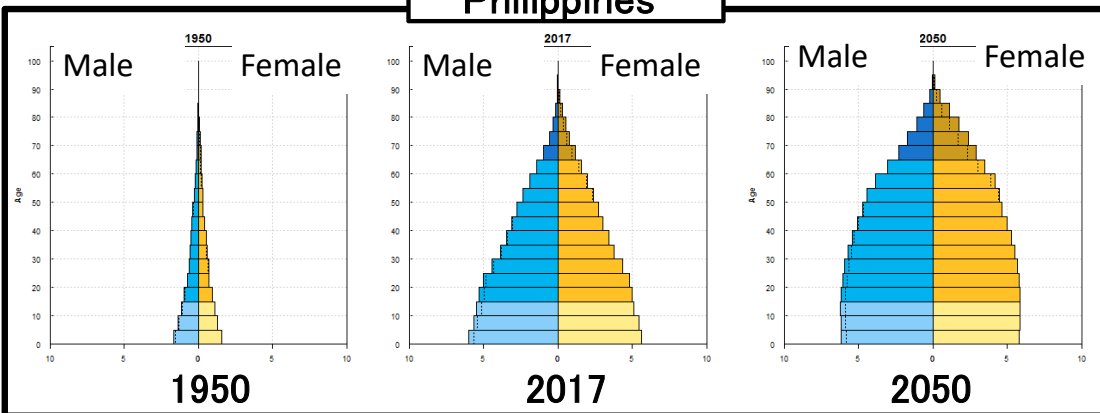
China



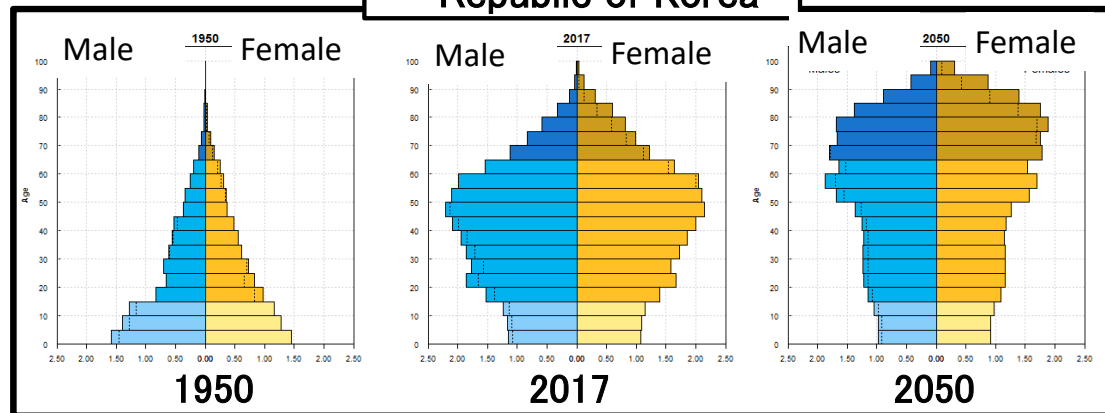
India



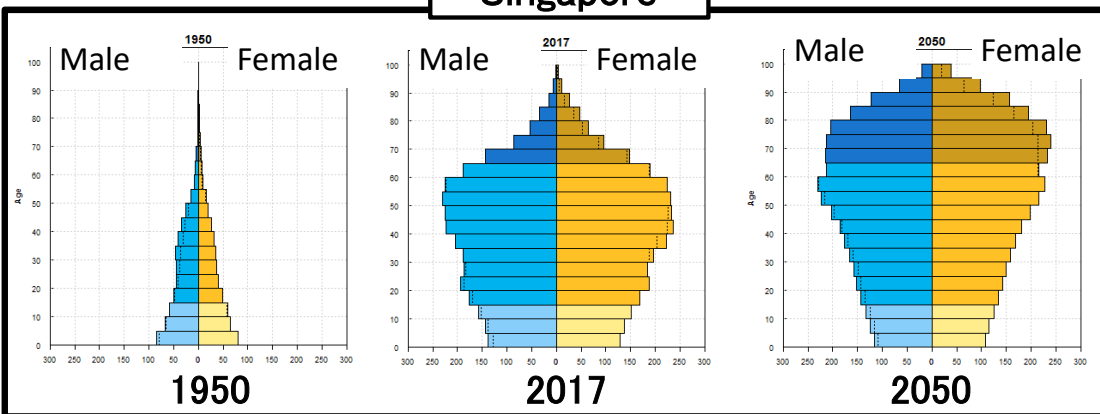
Philippines



Republic of Korea



Singapore



Thailand

