

Social Planning to manage 100-year life expectancy

Dr Ikuko Tomomatsu

Kanagawa Center for Clinical Research and Strategy

TOMO Lab LLC

Official Launch Event

UNESCO Chairs and WHO Collaborating Centre

Global Health and Education

UNESCO Headquarters, Paris

Wednesday, 10 October 2018



A super aging society

Silver Sake Cup



Japan has so many super old people that it can't afford to give them special sake cups anymore

By **Elahe Izadi**
August 21, 2015



People work out with wooden dumbbells in the grounds of a temple in Tokyo to celebrate Japan's Respect for the Aged Day in 2010. (Yoshikazu Tsuno/AFP/Getty)

NATIONAL / SOCIAL ISSUES

Silver gifts to centenarians get cheaper as ranks rise

BY **SHOKO ODA**
BLOOMBERG

ARTICLE HISTORY | SEP 17, 2016

One perk of getting old in Japan is a gift of a silver cup from the prime minister in the year you celebrate your 100th birthday. But from this year, new centenarians will be sipping sake from cheaper vessels.

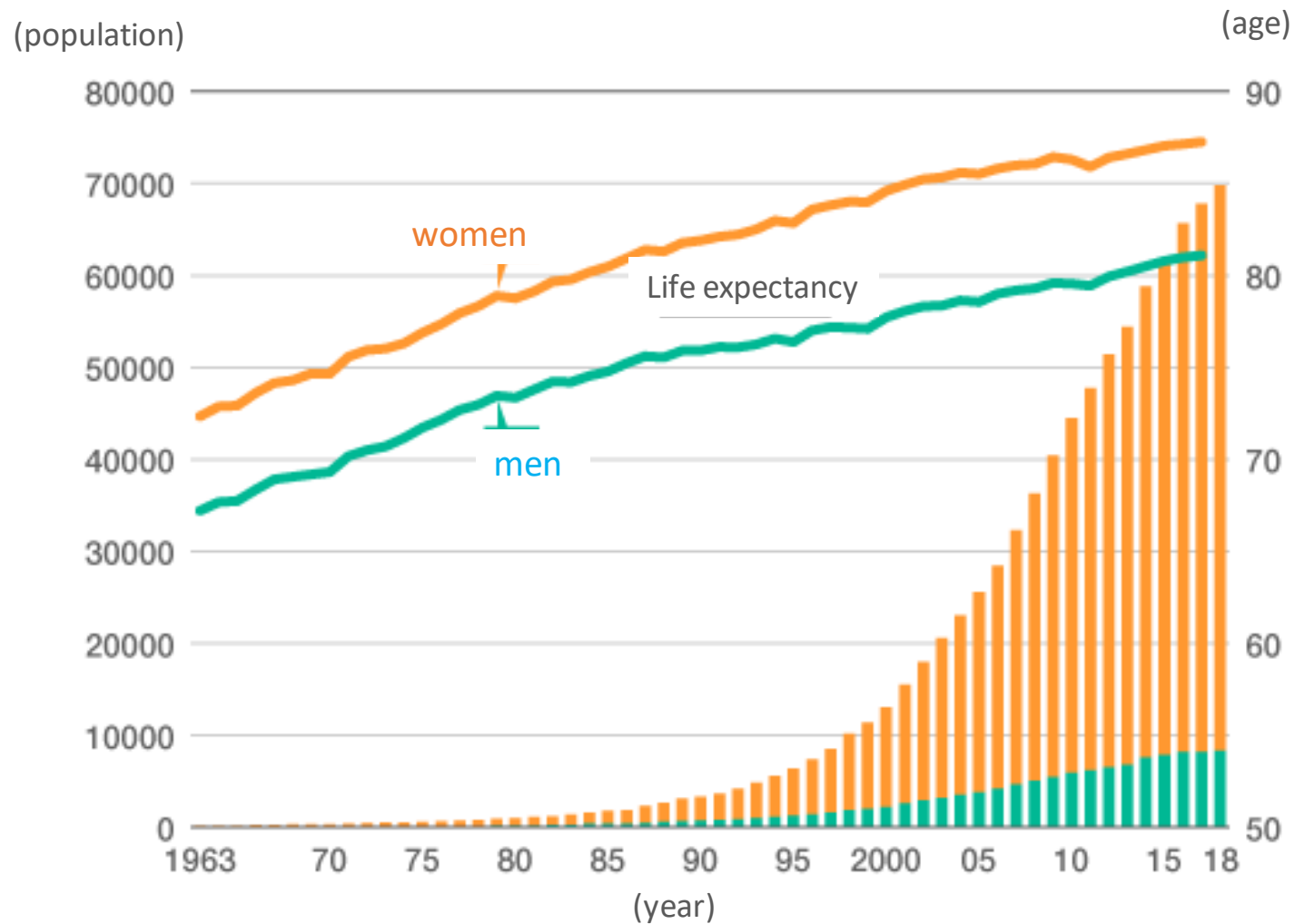
The rising cost of supporting the aging population — almost 32,000 people were eligible to receive the gift this year, up 4.5 percent from last year — has prompted Prime Minister Shinzo Abe's government to present cups made of silver plate rather than sterling silver. The move halves the price to ¥3,812 per cup, public broadcaster NHK said, reducing total spending on the gifts by about 40 percent to ¥150 million.

The Japan Times, 17 September 2016
<https://www.japantimes.co.jp/news/2016/09/17/national/social-issues/number-japanese-centenarians-rises-silver-sake-cup-gifts-get-cheaper/>

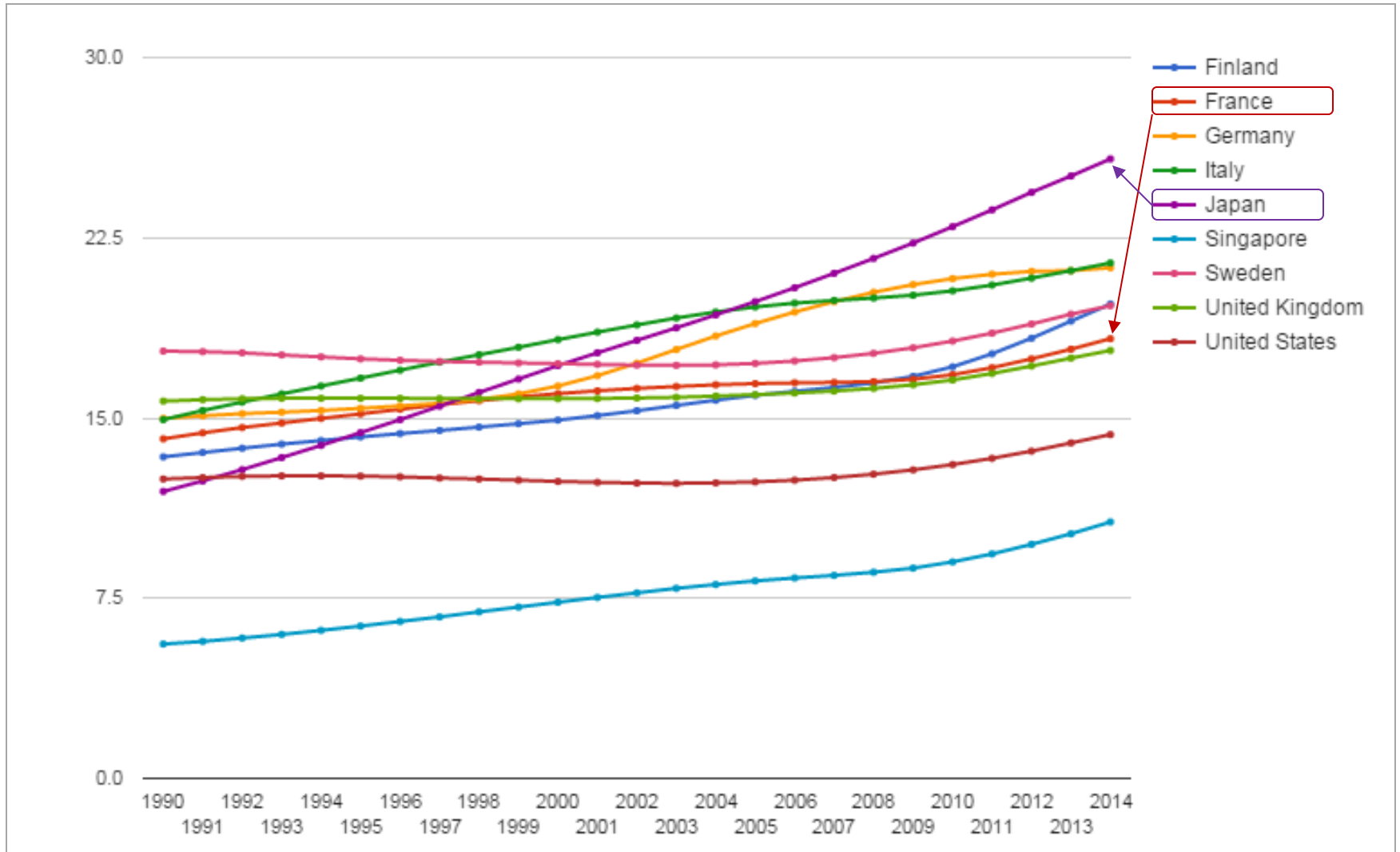
The Washington Post, 21 August 2015

<https://www.washingtonpost.com/news/worldviews/wp/2015/08/21/japan-has-so-many-super-old-people-that-it-cant-afford-to-give-them-special-sake-cups-anymore/?noredirect=on>

■ 69,785 one hundred year olds or older in Japan, 2018



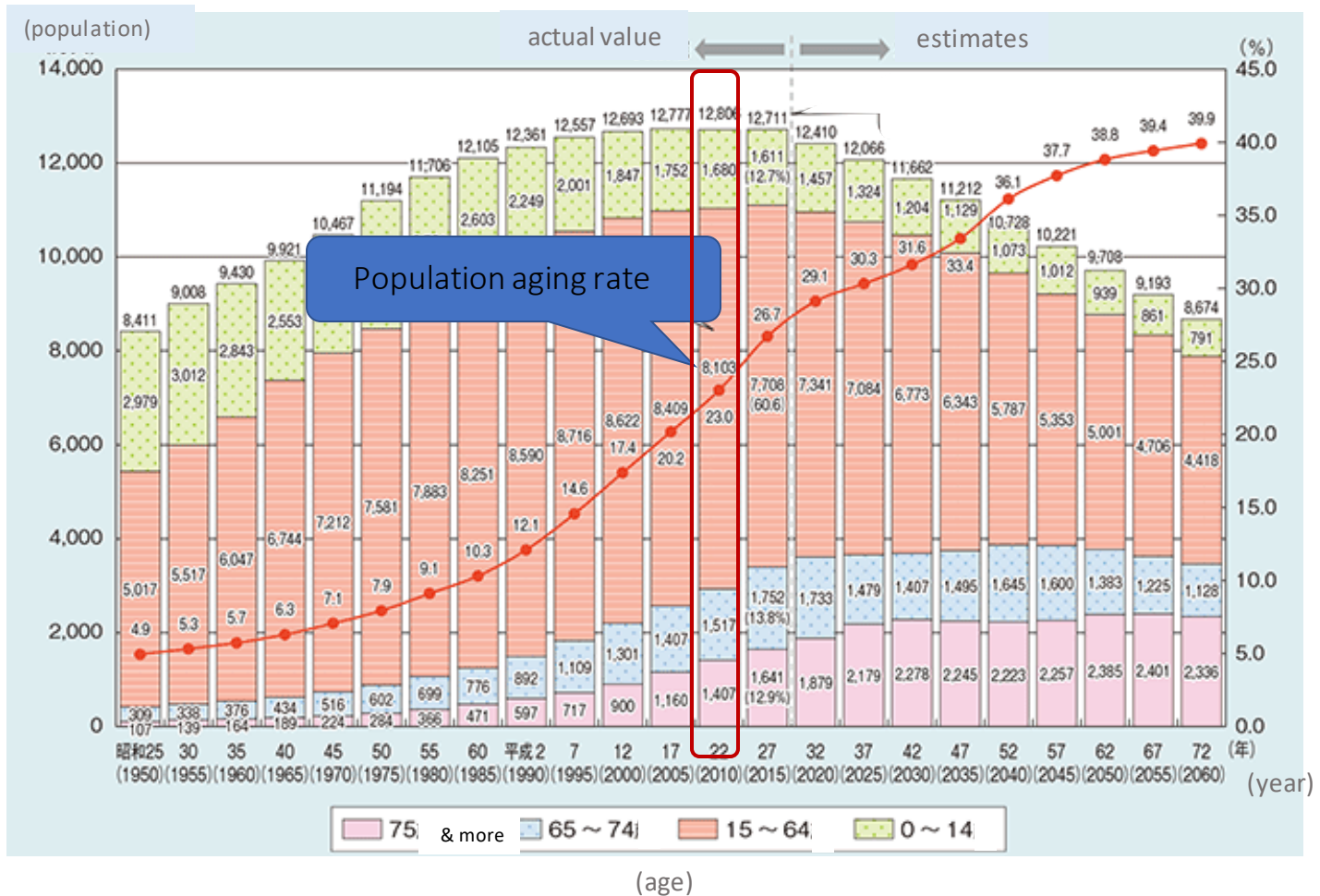
■ Aging around the world



■ Aging speed in the world

nation	Percentage of population of 65 years old and more			Period (years)	
	(year to be achieved)			7%->14%	7->21%
	7%	14%	21%		
Japan	1970	1994	2007	24	37
China	2001	2026	2038	25	37
Germany	1932	1972	2016	40	84
U.K	1929	1975	2029	46	100
U.S	1942	2015	2050	73	108
Sweedan	1887	1972	2020	85	133
France	1864	1979	2023	115	161

Japan as an Super Aging Society



What are the issues we need to urgently solve in a super aging society?

■ 3 major issues in Japan as an super aging society

1. Existing social system which does not fit the super aging society
2. Gap between life expectancy and the expectation for a healthy life
3. New type of chronic diseased conditions along with the development of medical technologies

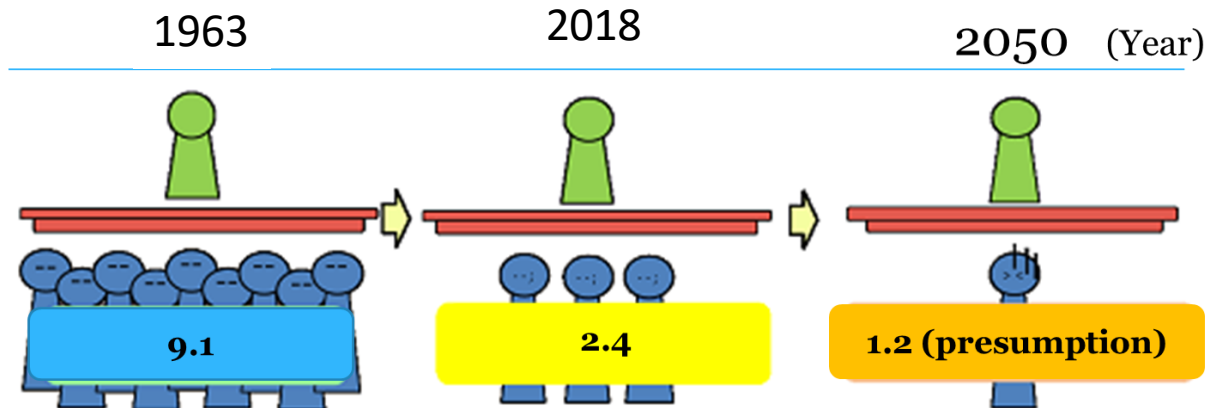
1. Existing social system which does not fit the super aging society

➤ Life expectancy of Japanese population

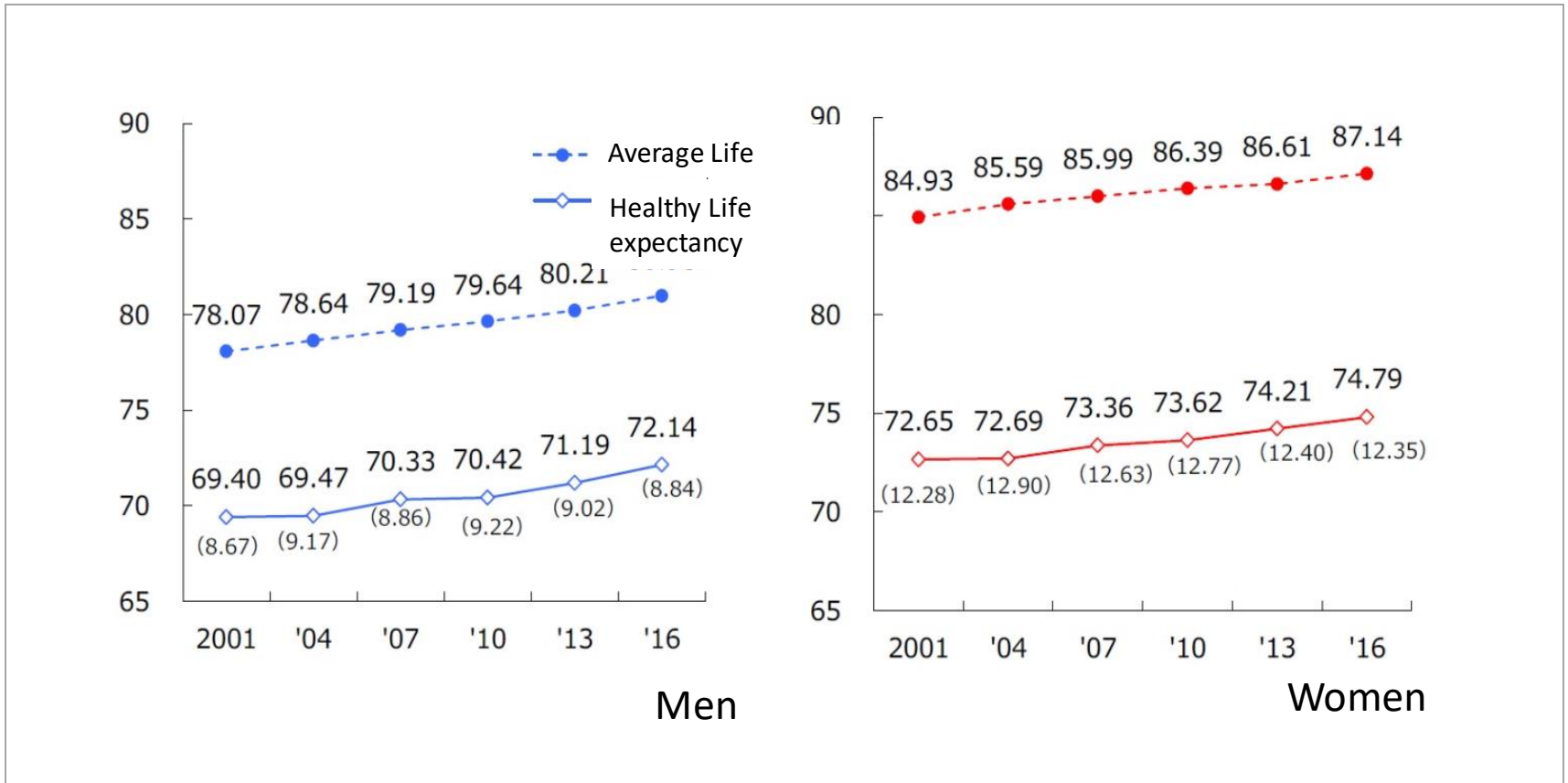
(age)

Year	Men	Women	2050
1963	65.32	70.19	
2018	81.09	87.26	

➤ Population balance between aging (65 and over) and younger generation (20- 64 year olds)



2. Gap between life expectancy and the expectation for a healthy life



Graphing based on the data by the Ministry of Health, Labor and Welfare (2016)

3. New types of chronic diseased condition along with the development of medical technologies

- 2 types of people who require life-long medical care and medical devices in everyday life

Bedridden or hospitalised,
Less social participation

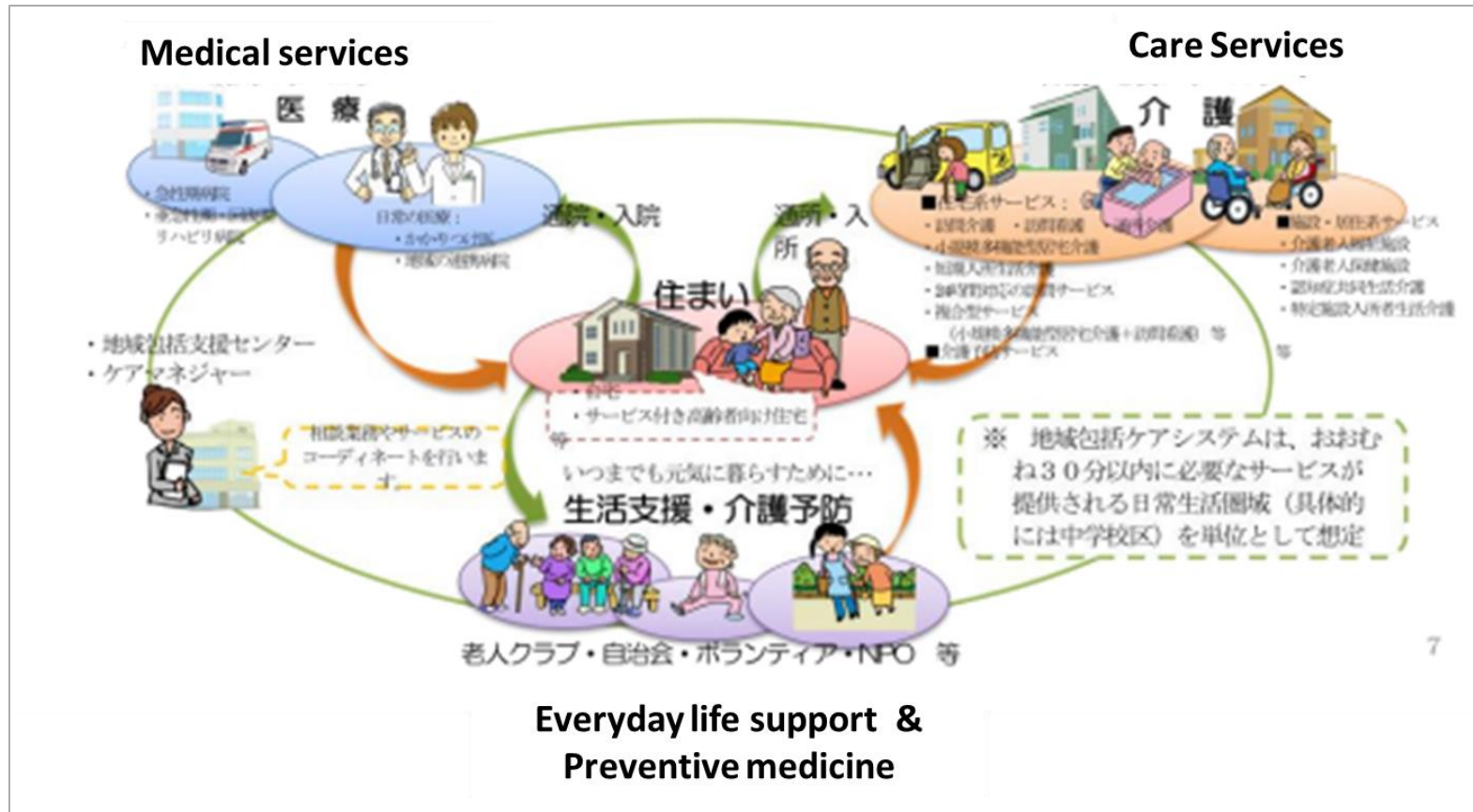
Existing image of an
individual with chronic
diseased condition

**Active individual with
medical care and
medical devices**

New type of chronic
diseased condition

What is the solution to these issues?

Integrated Community Care System x Data Health




Data for health

■ Management of 100-year Life Expectancy


1. Existing social system that does not fit with the super aging society

2. Gap between life expectancy and the expectation for a healthy life


3. New type of chronic diseased condition along with the development of medical technologies



Integrated
community care
system

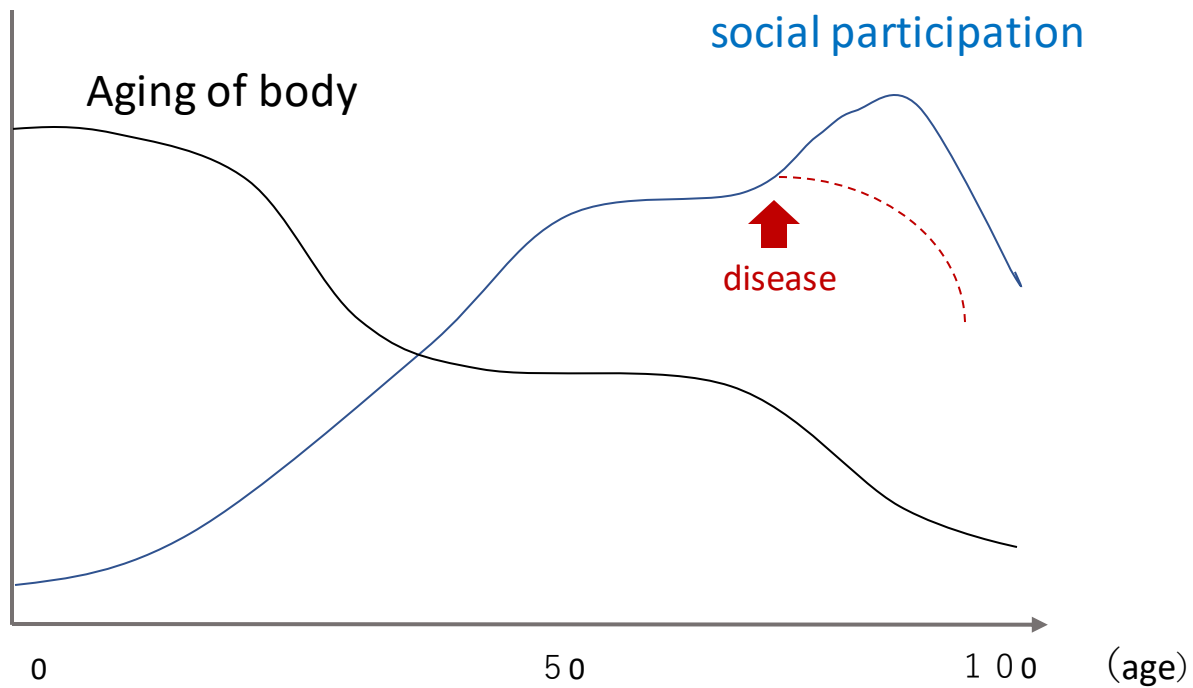


Data Health



?

■ Health as an Asset




【image of 'health as an asset'】

■ Management of 100-year Life Expectancy


1. Existing social system that does not fit with the super aging society

2. Gap between life expectancy and the expectation for a healthy life


3. New type of chronic diseased condition along with the development of medical technologies



Integrated
community care
system



Data Health



Health as an Asset
and the scheme to
manage this asset

So, let's have a party with a silver sake cup for yours
and my One Hundred Birthday!



Thank you!
Merci!

TOMO Lab

 Barts and The London
School of Medicine and Dentistry

KCCR
Kanagawa Center for Clinical Research & Strategy

かながわクリニカルリサーチ戦略研究センター

lkuko.tomomatsu@gmail.com