Urban Planning of Fukuoka City toward the Aged Society

Fukuoka City
Location and Population of Fukuoka City

5. Fukuoka

among ordinance-designated cities

No.5

1. Yokohama
2. Osaka
3. Nagoya
4. Sapporo
Features of Fukuoka City

Major city facilities are located within a 2.5km radius.

- Port of Hakata
- Fukuoka Airport
- JR Hakata Station
- City Center
Actual and Estimated Population of Fukuoka City

Fukuoka City Population Growth Rate 2010-2015 among ordinance-designated cities
The Highest Ratio of Young Residents (10’s & 20’s)

No.1 Ratio of 10’s & 20’s among ordinance-designated cities

No.2 Ratio of Students
Fukuoka - the Startup City

No.1 startup rate for 3 consecutive years

The Only Startup Special Zone in Japan

The National Strategic Special Zone for Global Startups & Job Creation

Regulation and Taxation Reforms
Steady Economic Growth

Local Tax Revenue of Fukuoka City (yen billions)

- **2010**: 265.4 bil
- **2011**: (increase)
- **2012**: (increase)
- **2013**: (increase)
- **2014**: (increase)
- **2015**: (increase)
- **2016**: 288.3 bil

Record High for 4 Consecutive Years

One of the reasons is:
Increase in corporate earnings, corporate concentration and asset values.
Livability of Fukuoka

Opinion Poll 2017
Citizens who viewed the city as a pleasant place to live:

96%
No.1

Nomura Research Institute
Ranking of cities with high growth potential 2017
No.1

UN-Habitat
Livable Cities
Proposed Fukuoka as a “Model City in Asia”.
The Advent of 100-year Life Society
## Average Life Span of the Japanese

<table>
<thead>
<tr>
<th>Year</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>1927</td>
<td>44.82 years</td>
<td>46.54 years</td>
</tr>
<tr>
<td>2015</td>
<td>80.79 years</td>
<td>86.99 years</td>
</tr>
</tbody>
</table>

出典: 厚生労働省「第22回生命表(完全生命表)」
Increasing Life Span of the Japanese

(Actual and estimated life span: Japan)

Declining Birth Rate & Aging Society
Fukuoka is No Exception
Aging of Population in Fukuoka City

- Total Population: About 1.54 million
- Population Aging Rate: 20.7%
- 100 Years Old and Over: 597 people

(National Census 2015)
Changes in the Demographic Structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Population</th>
<th>75 years and over</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>1.34 mil</td>
<td>70 K</td>
</tr>
<tr>
<td>2025</td>
<td>1.6 mil</td>
<td>230 K</td>
</tr>
<tr>
<td>2040</td>
<td>1.6 mil</td>
<td>280 K</td>
</tr>
</tbody>
</table>

Nursing-care insurance system was introduced.

The baby boomer generation become 75 or over.

The second generation of the baby boomers become 65 or over.

Source: "National Census 2015" Ministry of Internal Affairs, "Future Population Estimation of Fukuoka City 2012"
Elderly people in need of nursing care will be 170% in 2025*

* As compared with 2014.

Future estimate of elderly people in need of nursing care and/or with dementia
(Fukuoka City)

<table>
<thead>
<tr>
<th>Year</th>
<th>Need support (thousand)</th>
<th>Need nursing care (thousand)</th>
<th>No. of elderly people with dementia (thousand)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>29</td>
<td>(57)</td>
<td>(57)</td>
</tr>
<tr>
<td>2020</td>
<td>38</td>
<td>(84)</td>
<td>(84)</td>
</tr>
<tr>
<td>2025</td>
<td>28</td>
<td>(100)</td>
<td>(100)</td>
</tr>
<tr>
<td>2030</td>
<td>32</td>
<td>68</td>
<td>(117)</td>
</tr>
<tr>
<td>2035</td>
<td>37</td>
<td>80</td>
<td>(132)</td>
</tr>
<tr>
<td>2040</td>
<td>43</td>
<td>101</td>
<td>(144)</td>
</tr>
</tbody>
</table>
Elderly people of 65 or over who live alone will be 140% in 2025* (Fukuoka City)

* As compared with 2015

Source: “Future Population Estimation of Fukuoka City 2012”
How are we going to deal with this situation?
August 2016
Fukuoka City Comprehensive Health and Welfare Plan was formulated.

Objectives to be Achieved

- A society whose citizens remain active throughout their lives.
- A society that brings out the power of the community and the private sector.
- A society that presents a model for Asia.
Policy Shift: From “Supported Side” to “Supporting side”

Until now

65 years old and above are defined as elderly and supported by the government without exception.

From now

Supported people

Receive support when support is needed.

Supporting people

Offer support to the best of their motivation and ability.

Active working generations

Offer support to the best of their motivation and ability.
July 2017

“Fukuoka 100” Project was initiated.

100 actions to create a healthy and longevity society model in the 100-year Life Society
“People” and the “City”, looking ahead to the advent of 100-year Life Society

A project to create a society that makes both of them happy
“All Fukuoka”, including industry, academia and public and private sectors, work together on urban planning in its wider sense that covers not only healthcare, medical care and nursing care, but also habitation, community development and work style.
Active Aging

Regional Power

Infrastructure
Encourage activities on the "supporting side"

Active Aging

Supported people
Supporting People

Move to the supporting side according to the motivation and ability.
R60 Club -Start your active second life from here-

Schools, hands-on learning programs and services designed by active senior people themselves.

Fukuoka City will support planning and operation.
Discover New Way of Life from 60 Years Old: “ARAKAN FESTA”

- Introduction of leisure, work, volunteer and makeup method, etc.
- Talk shows, RAKUGO and other entertainment by active senior people.

An event where you can find new activities and amusement.
Startup Support for Active Senior Entrepreneurs

Talk shows featuring active senior entrepreneurs who have founded their own business.

Create opportunities.
Establish a framework where citizens support each other in the entire community.
Shopping Assistance Shuttle Bus Service

Business × Community

Business:
Provide Buses

Community:
Operation

Support elderly people with shopping
Community Cafe

Business × Community × Shopping Mall

Community Cafe “Shikata-no-Chanoma”

Business: Provide Goods
Community: Planning & Operation
Shopping Mall: Provide Space

Create a space to stay and support each other.
Development of Social Infrastructure Using ICT, IoT, and the Like
Linkage of Information on Medical Care, Nursing Care, etc.

- Birth
- Medical care
- Medical checkup
- Nursing care
- Death

Resident information of 1.75 million Fukuoka citizens

- Visualize the present
- Estimate the future
- Set outcome indicators
- Check the outcome
Town planning for everyone to feel like going out

Bench Project

Benches installed through cooperation with region and businesses

To encourage the elderly to go out

Benches installed on public and private lands
Startups x Care-tech

Provide support including verification fields to startups in the area of medical care utilizing the latest technologies such as IoT.

Symax
Fully automated health monitoring service with the world’s first analyzer that can be set up onto any toilet.
(Symax Inc.)

D Free
The World’s first toilet timing predicting wearable device.
(Triple W Japan K.K.)

UNKORE
A game application to promote awareness of colorectal cancer screening test. (UNKORE: A volunteer organization led by a doctor in his 30s.)
The Future When We Can Enjoy the 100-year Life Society
Toward That Future,
We Change the Society from Fukuoka.
“People” and the “City”
Realize a society that makes both of them happy.
100 actions to create a healthy and longevity society model in the 100-year Life Society