

GENERAL STATUS OF AGING AND POLICY FOR POPULATION AGING



MINISTRY OF HEALTH & WELFARE
REPUBLIC OF KOREA





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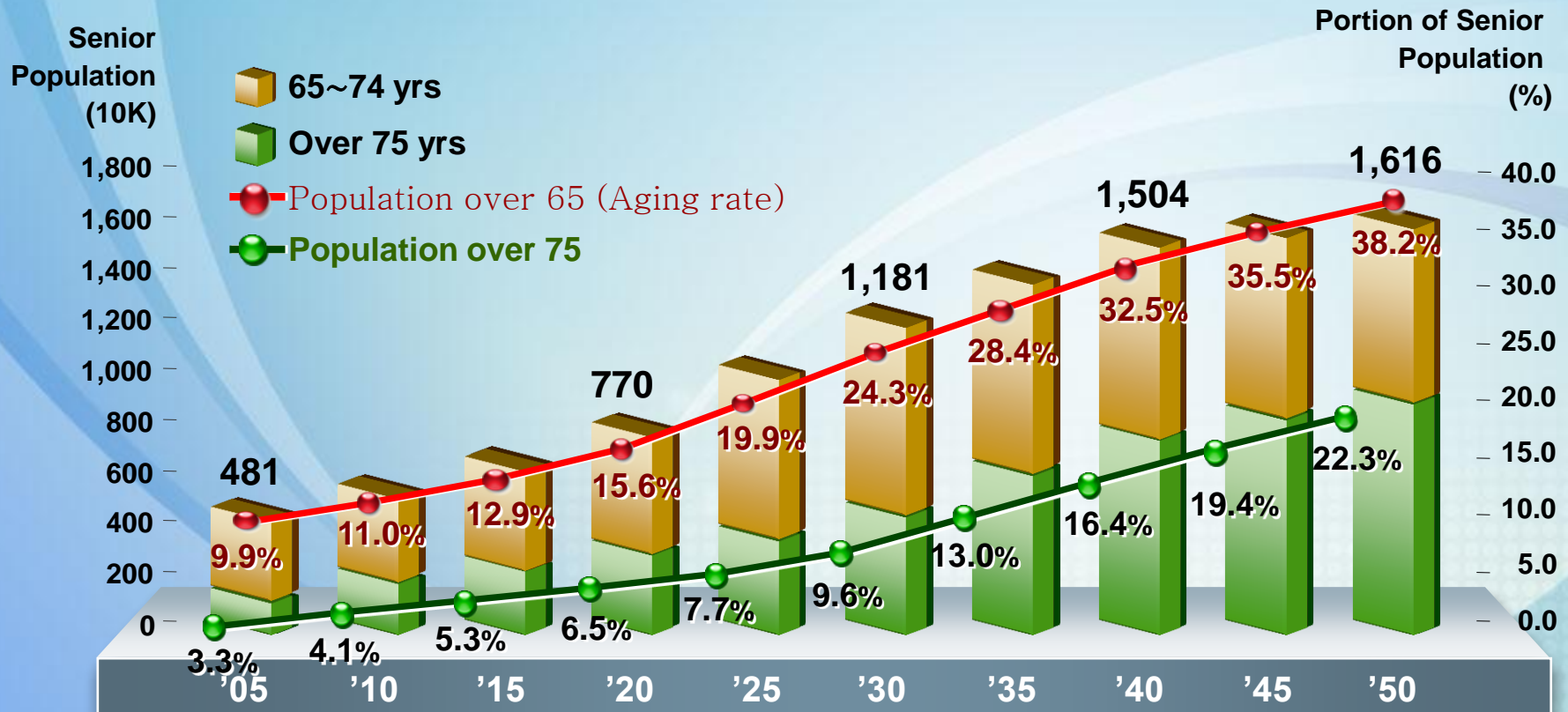
Current Status of Population Aging



Aging Population

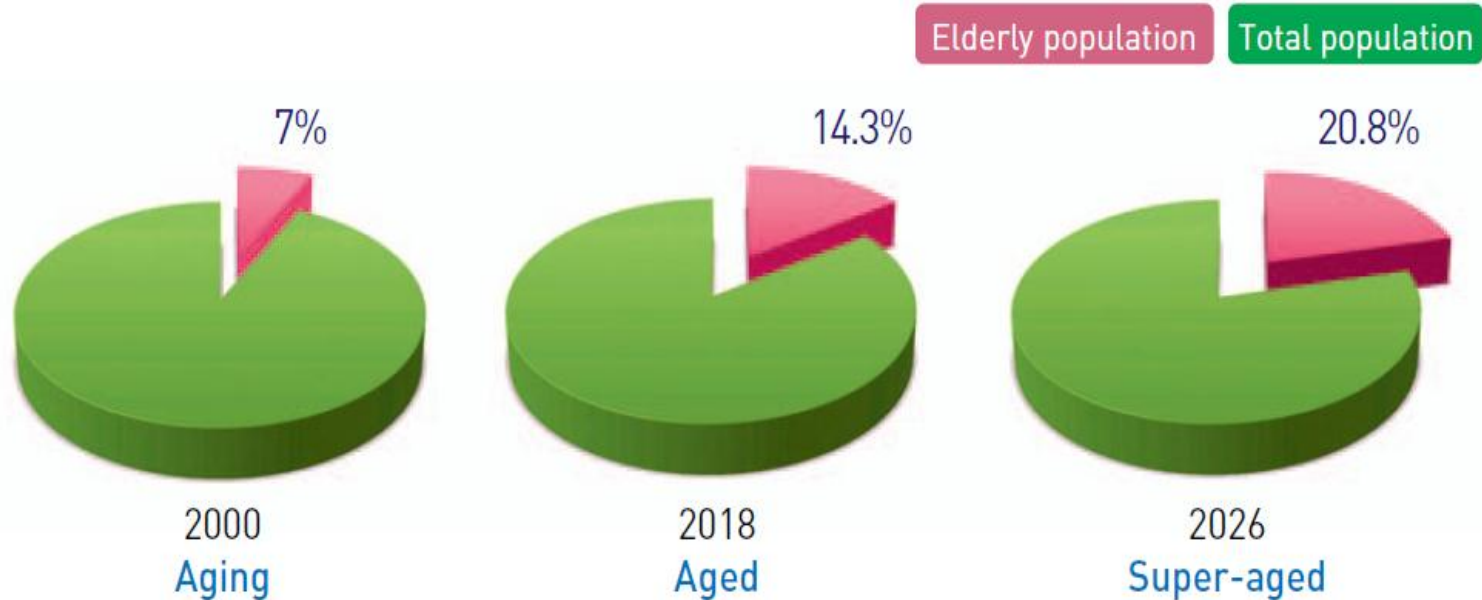
■ The number of elderly has been growing.

■ Senior citizens : 11.0% (2010) → 38.2% (2050)



World's Fastest-aging Country

Year of Entering Aging, Aged and Super-aged Societies



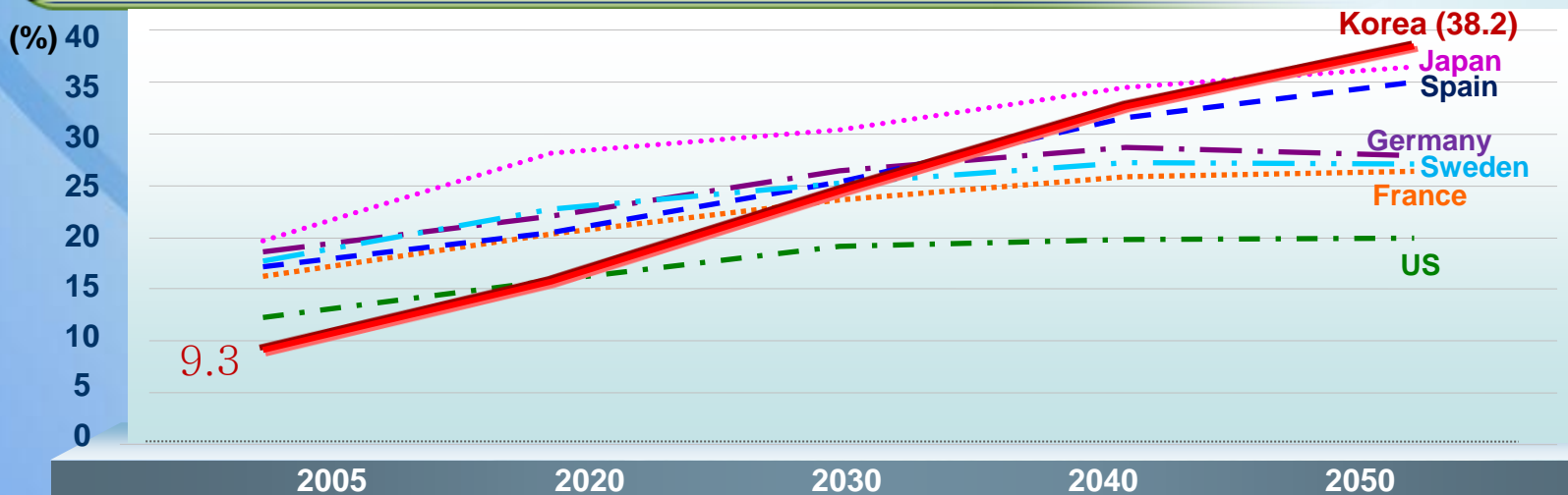
※Source : Population Prospects(Korea National Statistical Office,2005)

World's Fastest-aging Country

Aging In Certain Countries

Country	Year entered			Years spent to enter	
	Aging Society (7%)	Aged Society (14%)	Super-aged society(20%)	Aged Society	Super-aged Society
Korea	2000	2018	2026	18	8
Japan	1970	1994	2006	24	12
Germany	1932	1972	2010	40	38
USA	1942	2014	2030	72	16
France	1864	1979	2019	115	40

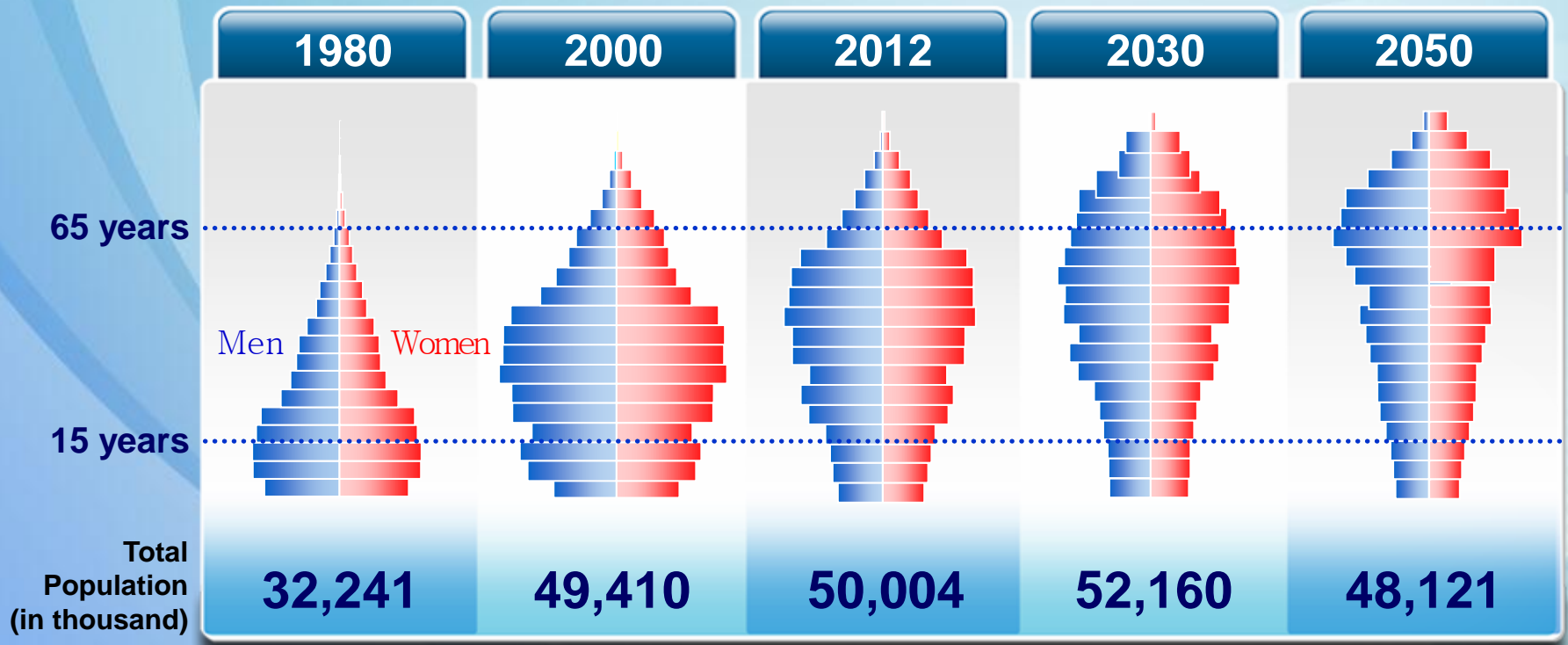
Portion of Senior Population in OECD member countries



Demographic Forecast



Total population to decrease after peak of 52 million in 2030



Demographic Forecast

Workingage population

2017

A reverse trend
in population

Aged
Dependency Ratio



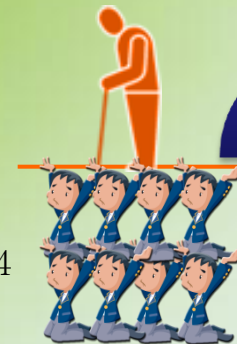
2016



37.2%

65+
yrs

15-64
yrs



2010

72%



2050

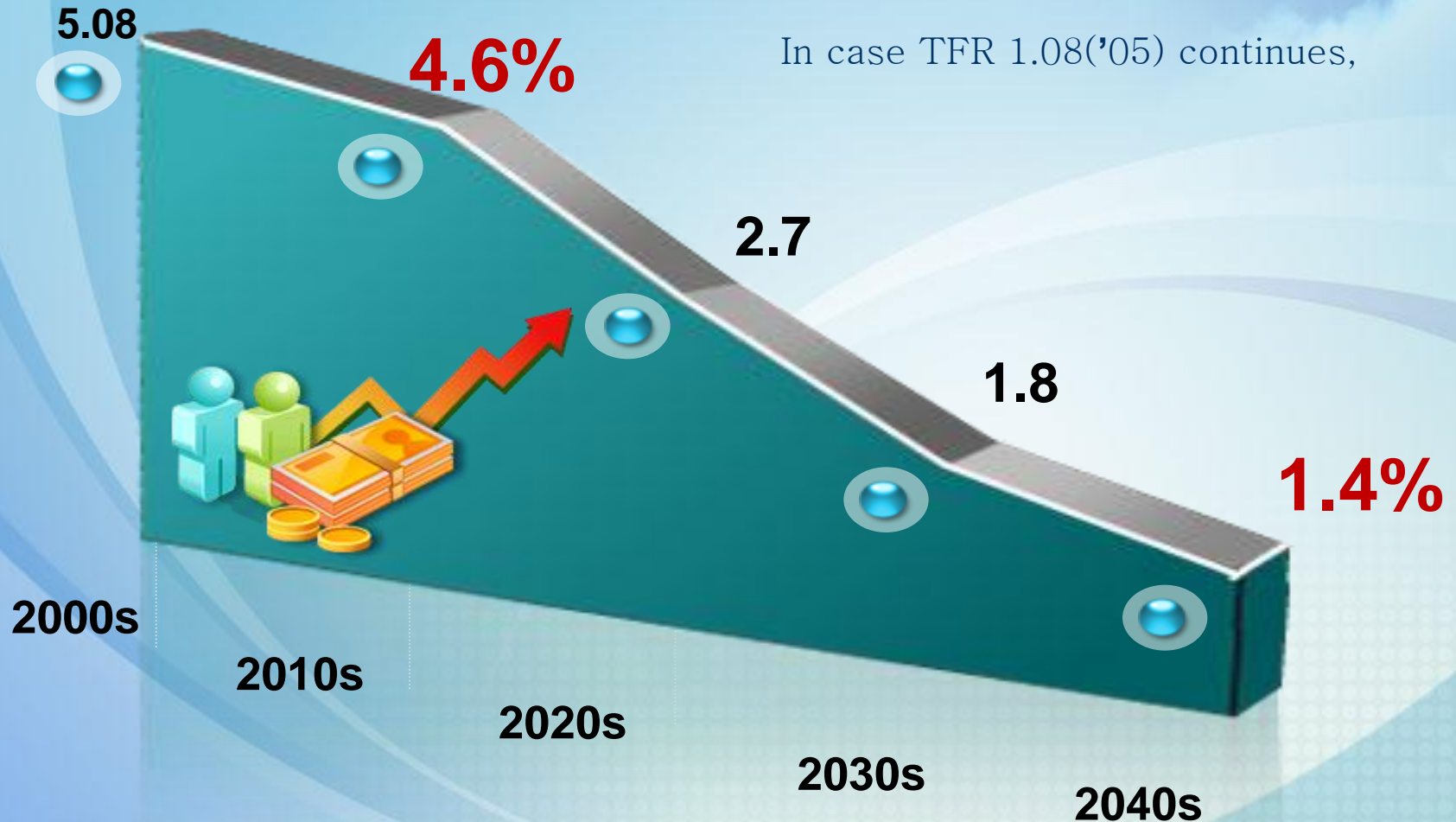
II

Expected Influences on Korea



Economy

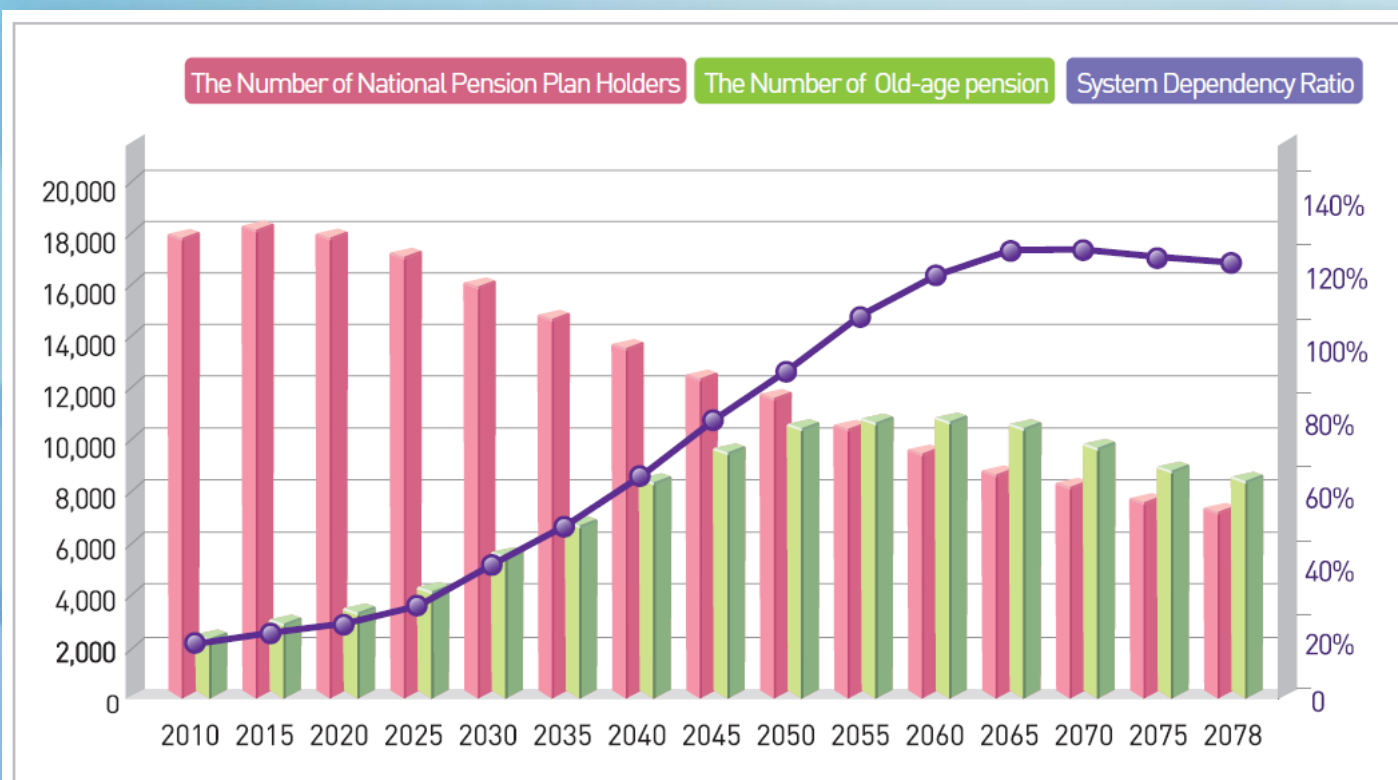
Estimated potential growth rate (%)



Population Aging & National Pension

The Number of National Pension Plan Holders & System dependency Ratio

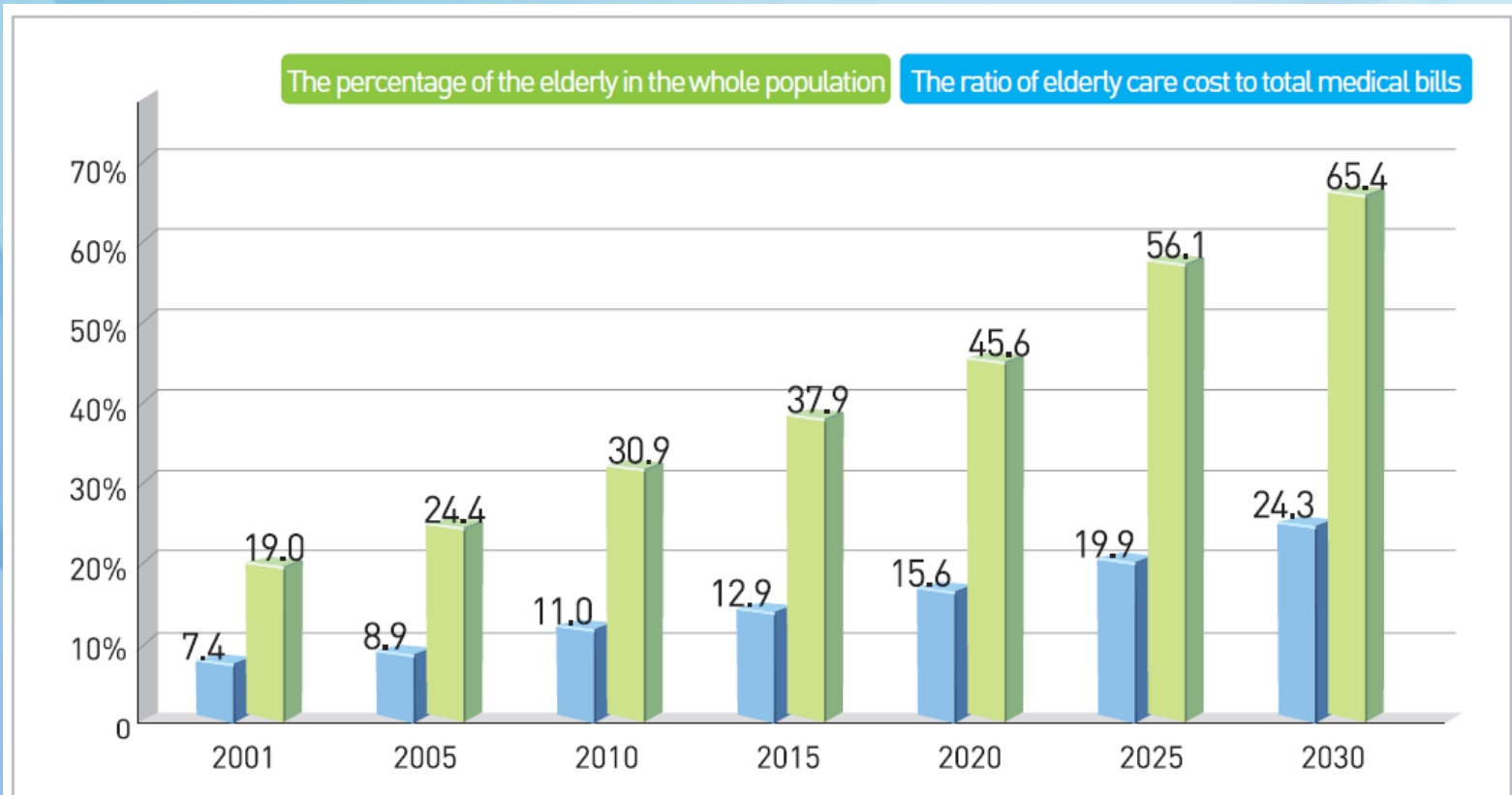
(unit : 1,000persons)



※Source : Population Prospects(Korea National Statistical Office,2005)

A Population Aging & Medical Cost

[The percentage of the elderly in the whole population & the ratio of care cost to total medical bills in the National Health Insurance]



※Source : National Health Insurance Corporation, 2008



Policy for Population Aging



Active Reaction to Population Aging

「Aging Society and Population Act」 ('05.5.)

「Presidential Committee on Aging Society and Population Policy」 launched ('05.9.)

「The 1st Basic Plan on Aging Society and Population (2006~2010)」 announced ('06.8.)

「The 1st Basic Plan on Aging Society and Population (2006~2010) : Revised Edition」 announced ('08.12.)

「The 2nd Basic Plan on Aging Society and Population (2011~2015) announced ('10.10.)

The Second Basic Plan (2011~2015)

Vision

To become an energetic advanced country by successfully responding to low fertility and aging society

Goal

Gradually restore the fertility rate, and establish a response system the aging society
Raise the fertility rate to the OECD average, and effectively address the aging society issue

Tasks

Create Childbirth & Childcare-friendly Environment

- Ensure the balance of work and family on a daily basis
- Reduce the burden of marriage, childbirth, and childcare
- Create sound and safe environment for children & teenager

Lay the Groundwork for Improving the Quality of Life in the Aging Society

- Build a response employ - ment opportunities
- Ensure stable & energetic post-retirement lives
- Create the elderly-friendly environment

Secure the Growth Engine and Improve Polices Area by Area

- Lay the groundwork for utilizing untapped human resources & raise their competitiveness
- Improve socioeconomic systems in response to demographic changes
- Promote the elderly-friendly industries

Promote the elderly-friendly industries



Secure industrial competitiveness

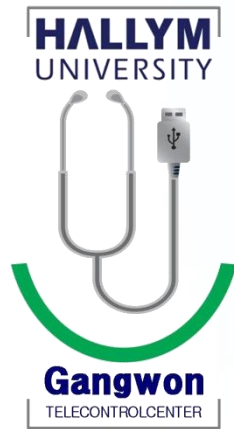
- Develop usage evaluation system of elderly-friendly products



Promote domestic & international markets for senior-friendly industries

- Hold community-based exhibitions and experiential promotion for senior-friendly industries
- Expand the industrial infrastructure to enjoy a first-mover advantage in overseas market

Gangwon Telemedicine Service System



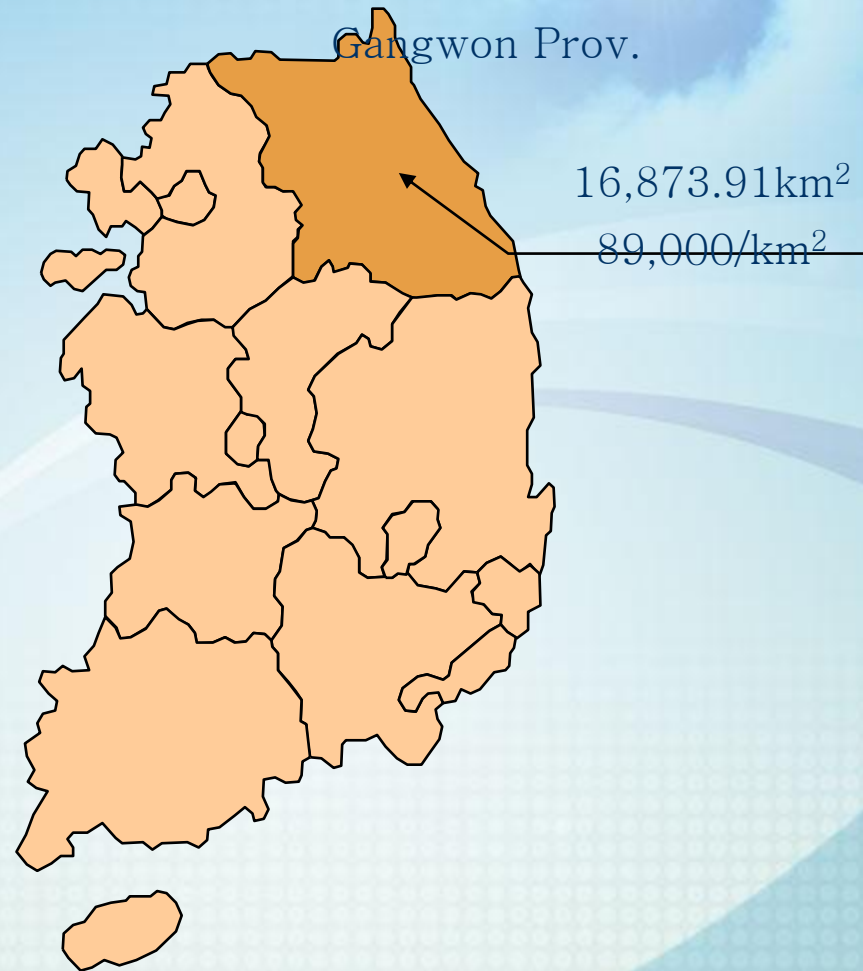
Hallym Telemedicine Center

Gangwon Telecontrol Center



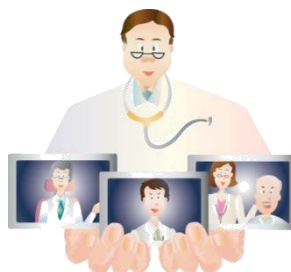
Background

- A region of sparse population compared to the surge in demand for health care due to rapid aging population and withdrawal of the private healthcare market.
- To effectively respond to the healthcare needs of the population with multiple chronic disease and to strengthen the existing healthcare system by means of applying IT technology.
- Community Healthcare Practitioner (CHP) to receive special training for population with multiple chronic disease.





Gangwon Telemedicine Service Network



Telemedicine Management Center

Health Net

Image Net

Public Net

Consulting high-risk patients

Video Consultation
/Patient Info.

Medical Consultation
Telemedicine Monitoring

Video Consultation
/Patient Info.

Patient Video Consultation :
Initial Diagnosis/Treatment

Patient Registration

Patient Care :
Consultation, Home Visit,
Patient Medical Information

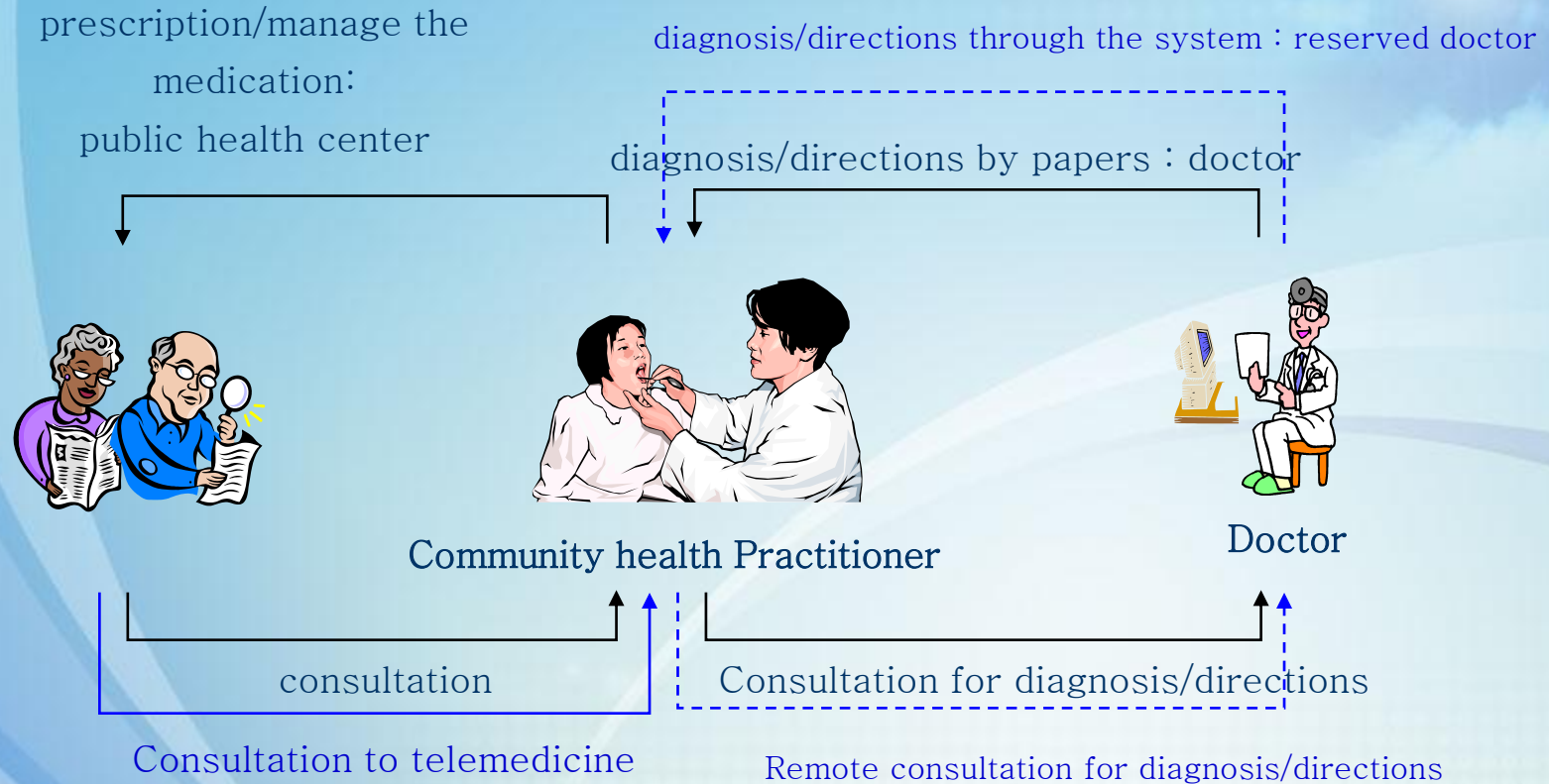
University Hospital(4 Sites)
(Medical Director)

Public Health Center(25 Sites)
(Main Physician)

Community Health Office(40 Sites)
(Community Health Practitioner)

Patient(13,000 Cases/yr)

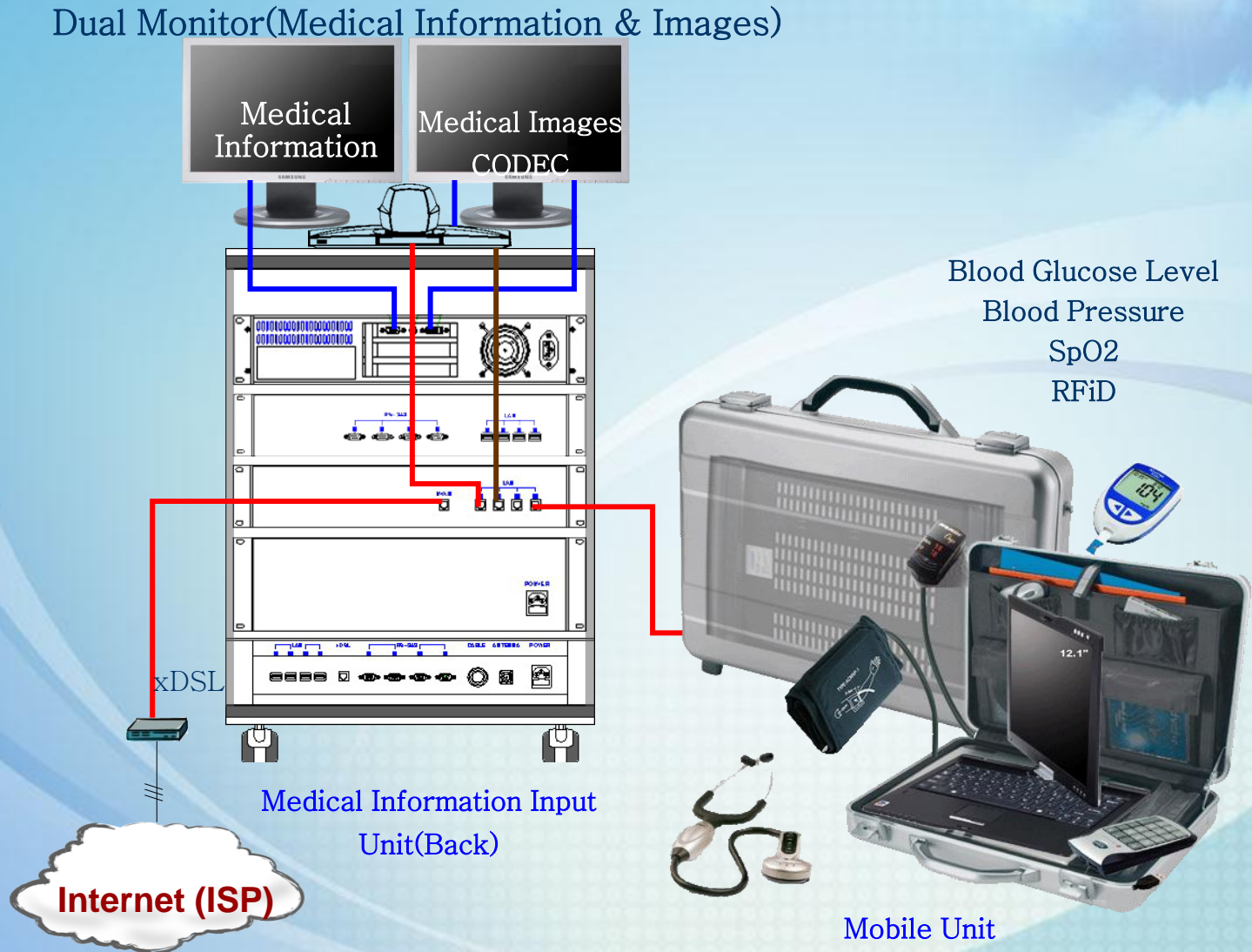
Consultation and transmission system on telemedicine



— Off-line clinic)

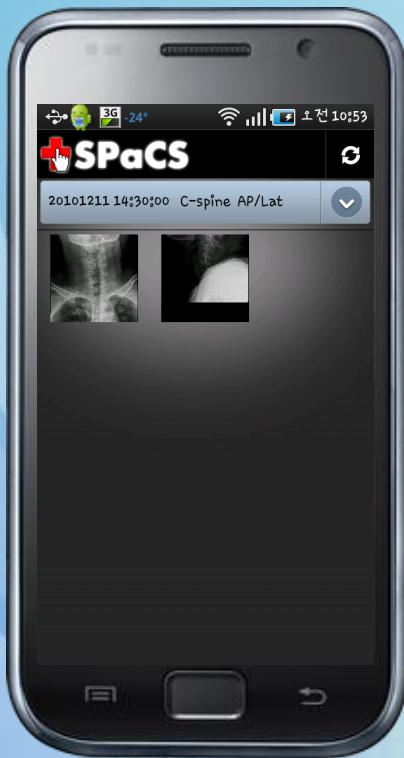
- - - On-line clinic

Community Health Office System & Mobile Unit



Smart Medical Recording System

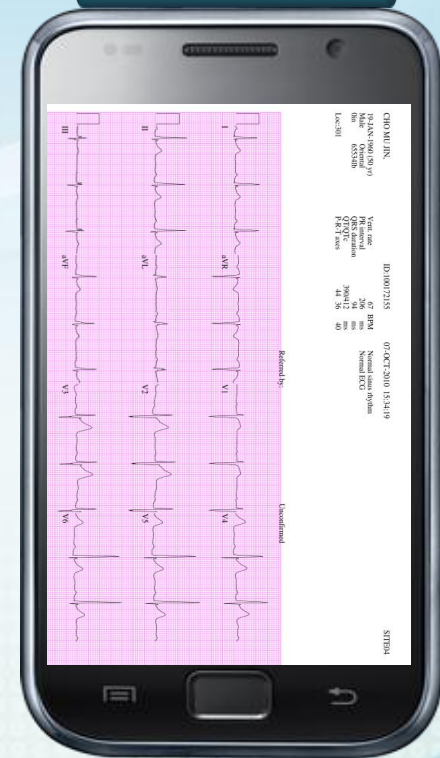
Medical Image



Medical Image-



Medical
Image-EKG



Obesity Solution

Nutrition
information

The smartphone screen displays the 'Nutrition information' app. At the top, there's a status bar with the time '오후 3:40'. Below it, a navigation bar has a back arrow, '음식일기' (Food Diary), and '내용저장' (Save Content). The main content area has a wooden background and is titled '갓김치' (Gat Kimchi). It features a text input field with '1.0', a label '소접시' (Small Side Dish), and a unit '60g/소접시'. Below this, the total calories are shown as '24.6kcal'. At the bottom, there are four icons representing different nutrients: a glass of wine for '열량(kcal)' (Calories), a banana for '탄수화물(%)' (Carbohydrates), a green box for '단백질(%)' (Protein), and a strawberry for '지방(%)' (Fat). The corresponding values are 24.6, 55.0, 31.0, and 14.0 respectively.

열량(kcal)	탄수화물(%)	단백질(%)	지방(%)
24.6	55.0	31.0	14.0

Fitness History

The smartphone screen displays the 'Fitness History' app. The status bar shows the time '오전 3:20'. The navigation bar has a back arrow, '운동일기' (Exercise Diary), and '내용저장' (Save Content). The main content area has a wooden background and is titled '걷기(산책용)' (Walking (for strolling)). It features a text input field with '30' and a label '운동한 시간(분)' (Exercise time in minutes). Below this, the total calories burned are shown as '소모한 열량(kcal) 4.17Kcal'. At the bottom, there is a numeric keypad with digits 1-9, 0, and a backspace key. There are also buttons for '123/기호' (123/ID) and '한/영' (Korean/English).

Weight History

The smartphone screen displays the 'Weight History' app. The status bar shows the time '오전 3:22'. The navigation bar has a back arrow, '운동일기' (Exercise Diary), and '내용저장' (Save Content). The main content area has a wooden background. It features a text input field with '48.kg' and a label '목표 몸무게' (Target weight). Below this, there is a label '현재 몸무게 입력' (Enter current weight). At the bottom, there is a text input field with '2011-6-15' and a label '날짜' (Date). Below that, there is a text input field with '50' and a label '몸무게 (kg)' (Weight in kg). At the bottom, there is a numeric keypad with digits 1-9, 0, and a backspace key. There are also buttons for '123/기호' (123/ID) and '한/영' (Korean/English).

Thank you



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