



**New Changwon,
People-Oriented City**

**Results of
Survey on Aging
Changwon and
Age-Friendliness**



CHANGWON CITY

Results of Survey on Aging Changwon and Age-Friendliness

1. Background and necessity of survey

- Over the past 5 years, the total population of Changwon has decreased slightly, but the senior population has increased rapidly and is expected to enter an Super-Aged Society soon.
- Changwon is expected to become an aged society in 2026 and it is quickly becoming super-aged, therefore, establishing a countermeasure for this is urgently needed.
- Future aging policies are expected to center on the concept of “aging in community,” therefore, it is important to foster a local community with an appropriate physical and social residential environment for all stages of life.

2. Purpose of Survey

- The purpose of this survey is to gather fundamental data in order for Changwon to cope with aging effectively by spreading awareness regarding the need to foster an Age-friendly City and researching the current state of aging readiness to develop Changwon’s strategy.

3. Survey Plan

1) Survey subjects

- 1,000 Changwon citizens under 65 years of age and over 65 years of age
 - Target group: Changwon citizens (in 2019)
 - Target sample: 1,000 people(Under 65 years of age: 500, over 65 years of age: 500)
 - Method of sampling: Random sampling
 - Data collection tools: Structured questionnaires designed for surveying

2) Survey method

- Implemented face-to-face interview using a structured questionnaire
- Implemented self-administered survey when face-to-face interview was not possible due to request of survey respondent

3) Survey period

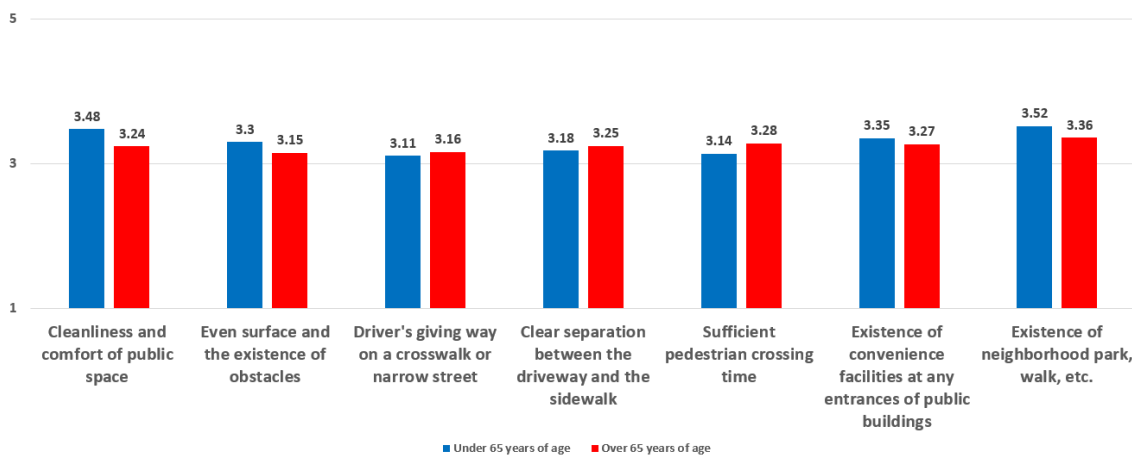
- Jun, 7 – Jun, 24, 2019

4. Survey Results

1) Outdoor Spaces and Buildings

- For cleanliness and comfort of public spaces near their homes, all respondents had positive views and especially the respondents under 65 years of age had more positive views.
- For smooth and unobstructed sidewalks, all respondents had positive views but the respondents over 65 years of age felt more discomfort than those under 65 years of age.
 - It is believed that the maintenance of sidewalks for the elderly should be promoted.
- For drivers giving way to pedestrians on a crosswalk or narrow street, all respondents had positive views and especially the respondents over 65 years of age had more positive views.
 - It is thought that drivers are more concerned about elderly pedestrians.
- For clear separation between the driveway and the sidewalk and sufficient pedestrian crossing time, all respondents had positive views and especially the respondents over 65 years of age had more positive views.
 - These results are judged to be the result of the behavioral aspects of older people; they tend to choose safer walking routes and they wait before crossing at a crosswalk.
- For the existence of convenience facilities at the entrance to public buildings, all respondents had positive views but the respondents under 65 years of age felt more convenient than those over 65 years of age.

- For convenience facilities such as neighborhood parks for walking or gentle exercises, benches and public toilets, etc., all respondents had positive views and it was acknowledged that all leisure and convenience facilities were already in place.
 - It is thought that the expansion of facilities is required from the viewpoints of older people because the respondents over 65 years of age showed a lower score than those aged under 65 years of age.
- For the question 'There are preferential treatments for the elderly in public facilities such as senior reception desk', the average score of respondents under 65 years of age was 2.89 and that of those over 65 years of age was 2.79. All respondents had negative views and the respondents over 65 years of age had more negative views.
 - It is thought that preferential services for the elderly are somewhat insufficient in public facilities and it is required to introduce preferential policies and services for the elderly.
- For convenience facilities and safety facilities of public toilets in public offices, all respondents had positive views and the respondents under 65 years of age had more positive views.
 - It deemed necessary to expand convenience and safety facilities to improve the satisfaction of older people.
- For the question 'In our neighborhood, information boards are provided to identify exact locations where you are in case of an emergency such as accidents(fall, injury, etc.)', the average score of respondents under 65 years of age was 2.85 and that of those over 65 years of age was 2.89. Both respondents had negative views.
 - It is required to expand the information board in case of emergency and the board is well-signed and placed in a space where people can find it easily.



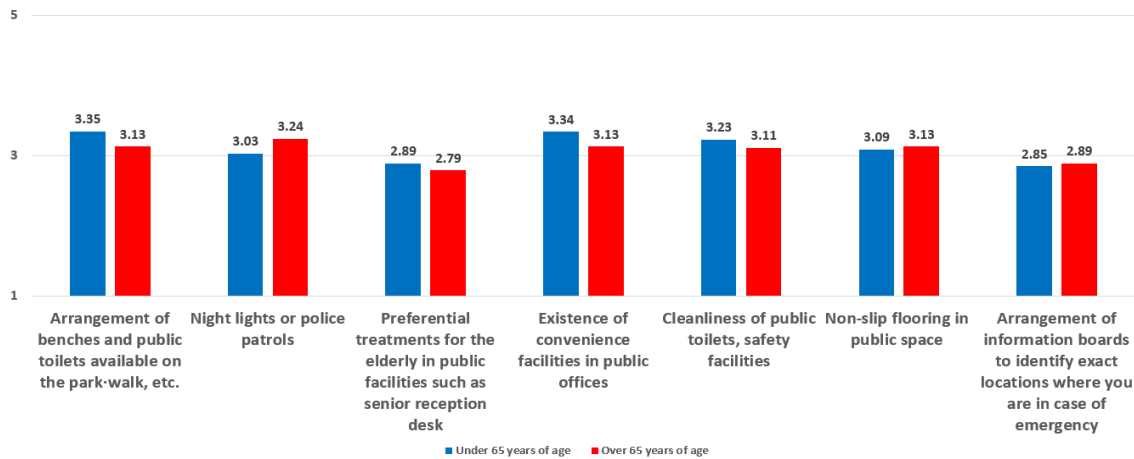


Figure 1. Outdoor Spaces and Building by age

2) Transportation

- For the availability of public transport to reach final destinations and an adequate number of priority seats for the elderly and handicapped, all respondents had positive views.
 - It is believed that Changwon city bus route is very well established and services for the elderly are performing well.
- For the availability of free shuttle buses in an area where public transport is difficult to use, both respondents had negative views with the same average score of 2.54.
- For the existence of convenience facilities at the bus stop, all respondents had positive views and the respondents over 65 years of age had more positive views.
 - In terms of convenience facilities, satisfaction is higher because older people use more convenience facilities at the bus stop.
- In the question 'The bus driver needs to ensure safety by starting and stopping as smoothly as possible', the respondents under 65 years of age had negative views with the average score of 2.81 but the respondents over 65 years of age had positive views with the average score of 3.18.
 - It is thought that bus drivers' response differs slightly depending on the passenger's age. It deemed necessary to train and educate bus drivers for safer boarding and disembarking.
- For city bus service interval, route map and timetables, all respondents had positive views.

- For low-floor bus service, all respondents had positive views but the respondents over 65 years of age gave lower scores compared to those aged under 65 years of age.
- It is thought that the demand for low-floor buses that allow for easy access on and off the bus is higher in older age groups. It deemed necessary to introduce low-floor buses for the mobility of the elderly and the disabled.

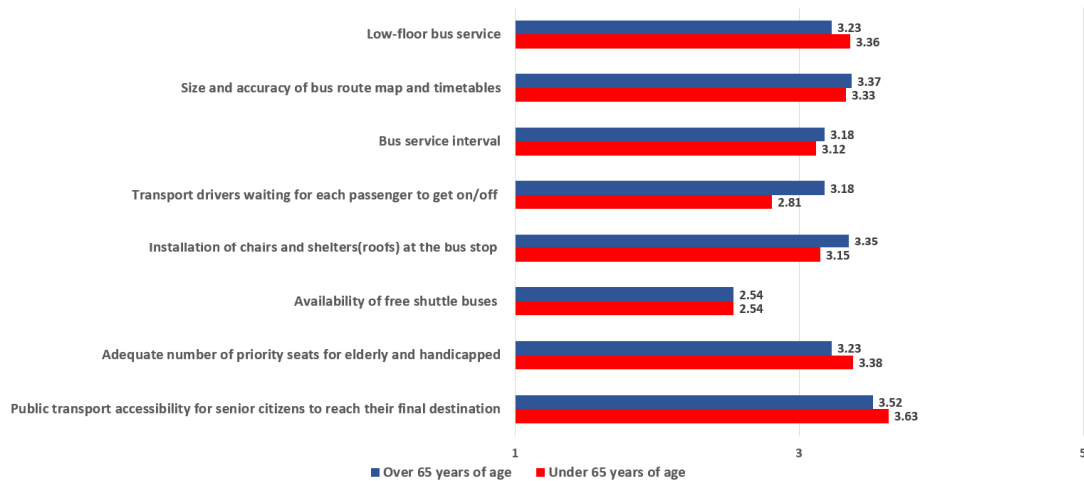


Figure 2. Transportation by Age

3) Housing

- For adequate housing conditions to live in or safety without a threshold, all respondents had positive views.
- For the desire for house remodeling to prevent safety accidents or to ease inconvenience, all respondents had positive views but the respondents over 65 years of age had more positive views.
- For residential housing of citizens aged 65 years and over, it deemed necessary to provide housing modification and remodeling support services for safety.
- For the difficulty in finding affordable homes to move, both respondents had difficulty moving to more appropriate housing.
- Various housing supply services should be provided that are affordable to all older people. Changwon City housing policies and supply plans should be established to ensure that affordable housing is available for all older people according to income.

- For the question 'My house is prepared for natural disasters in case of earthquake or fire', the average score of respondents under 65 years of age was 3.12 but that of respondents over 65 years of age was 2.84 contrarily.
 - This opposite review results from housing design and interior structure that are not adapted for older people.
 - It is necessary to continue the research on the interior structure that enables older people to evacuate rapidly and improve the housing design and structure for the evacuation of older people.
- For housing cost burdens, the respondents under 65 years of age felt more burdens than those aged 65 years and over.
- The respondents over 65 years of age had negative views on 'benefits of services or grants to help senior citizens fix up' as well as 'senior care services', 'senior rental housing', and 'senior group homes', etc.
 - It is acknowledged that the housing supply services for the elderly should be expanded and the promotion of service benefits should be strengthened.

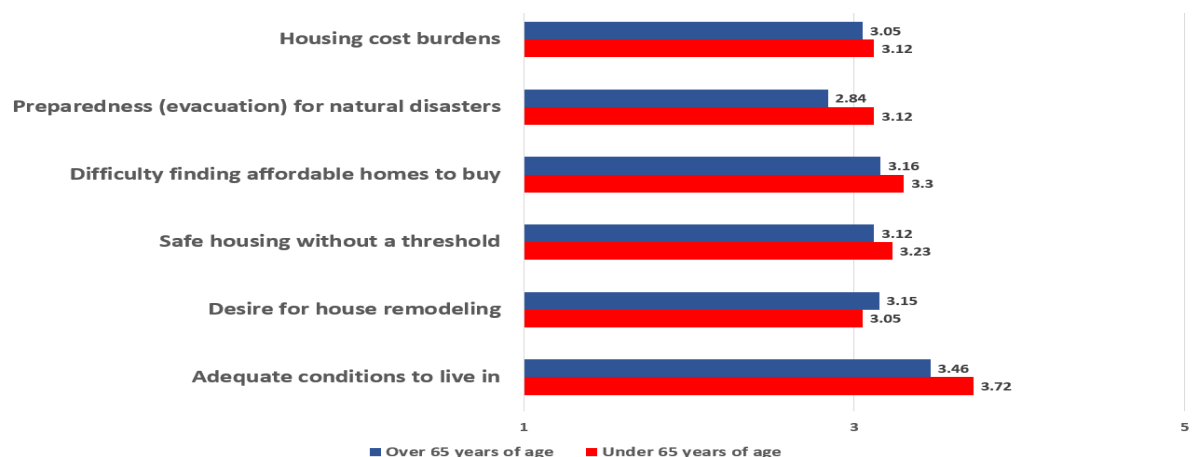


Figure 3. Housing by Age

4) Social Activity/Social Participation

- For the accessibility and existence of a variety of leisure facilities, the average score of the respondents over 65 years of age was 3.37 and for the opportunities of joyful and informative activities, the average score was 3.23. They had positive views.
 - It is believed that the leisure facilities and programs available to the elderly are already in place.

- The average score of the question 'times of leisure, entertainment, sports events are convenient for older people during the day' was 3.08 and that of the question 'Events and activities are well communicated to older people by governmental offices in Changwon' was 3.09. They had positive views but scored somewhat low.
 - It is necessary to improve the accessibility of events and activities by planning them in various times of the day and providing information.
- The average score of respondents for the question on 'the satisfaction with current social life' was 3.22, that of 'a wide variety social activities to appeal to a diverse population of older people, each of whom has many potential interests' was 3.23, that of 'gatherings, including older people, occur in a variety of community locations' was 3.20, and that of 'easy and convenient participation method and procedures of social activity' was 3.12.
 - It is believed that accessibility, affordability, range of social events and activities is well arranged and performed.
- The average score of respondents for the question 'The community offers a variety of activities that encourage the participation of people of different ages and cultural backgrounds' was 2.71 and that of 'Events and activities and local attractions are affordable for older participants' was 3.02.
 - It is considered that a variety of activities that encourage the participation of people of different ages and cultural backgrounds are somewhat unsatisfactory. It is thought that events and activities and local attractions are not affordable for some older participants.

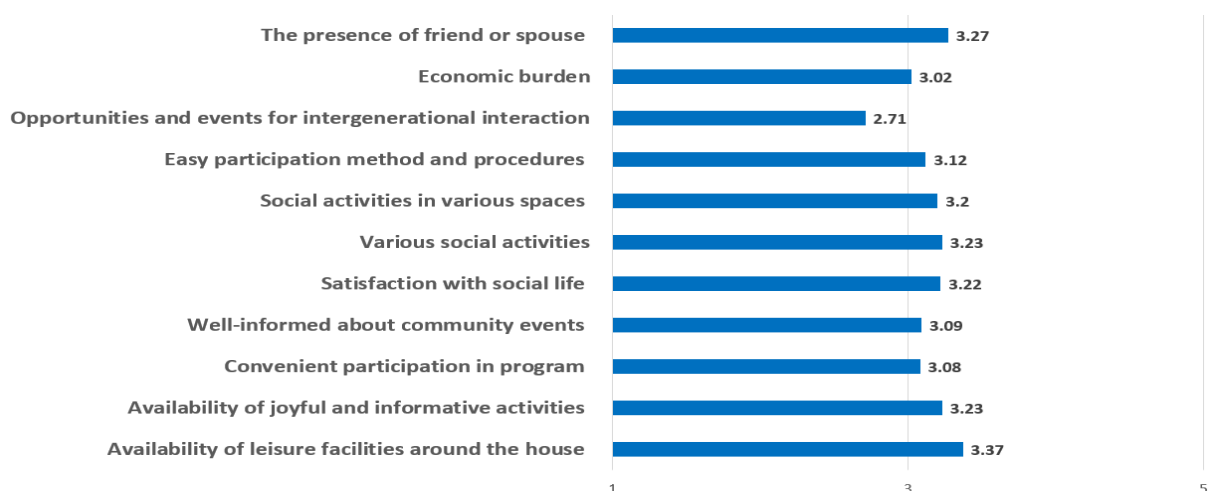


Figure 4. Social Activity/Social Participation by Targeted Respondents Over 65 years of Age

5) Respect and Social Inclusion

- The average score of respondents for the question 'public offices are constantly seeking comments or opinions from senior citizens to identify what they needed' was 2.88.
 - To provide practical services for the elderly, it is very important to collect the opinions of the elderly and the opportunity to gather such opinions should be ensured in the future.
- The average score of respondents for the question 'Public offices or medical institutions have helpful and courteous staff trained to respond to older people' was 3.23.
 - Respondents primarily comment on the behavior of people towards them that shows respect and courtesy. It is considered that social courtesy towards older people is improved.
- The average score of respondents for various policies implemented to reflect the needs and preferences was 3.04.
 - They had positive views, but the policy reflecting older people's needs and preferences seems to be still insufficient due to the lack of practical opinion gathering opportunities.
- The average score of respondents for the question 'Volunteers and services provided to the elderly are gradually increasing' was 3.26.
- The average score of respondents for the question 'There are community-wide settings, activities and events attract people of all ages by accommodating age-specific needs and preferences more than once every year' was 2.88.
 - It is considered that activities that bring generations together are insufficient and required to hold community-wide events attracting people of all ages more frequently.
- The average score of respondents for the question 'I think that I am respected socially' was 3.13.
 - It is believed that attitudes toward older people are positive in our community and also necessary to expand this mood through intergenerational integration.

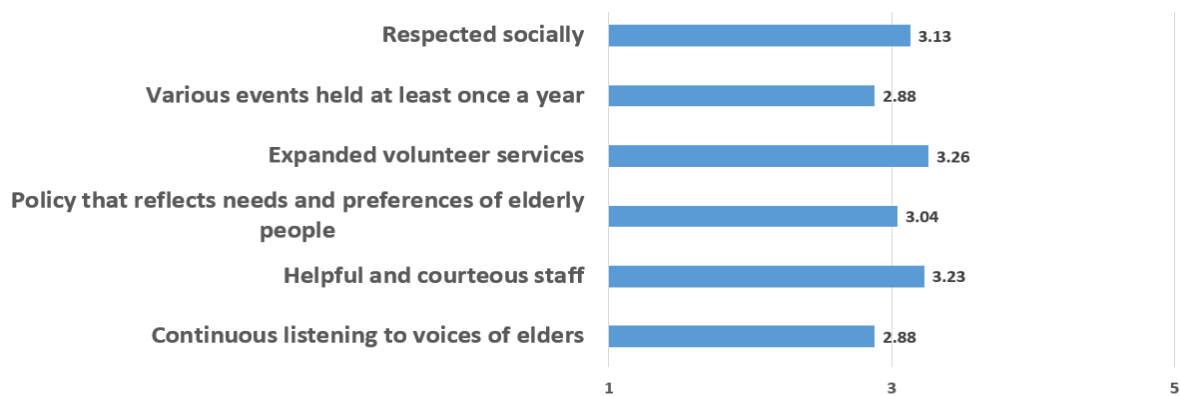


Figure 5. Respect and Social Inclusion by Targeted Respondents Over 65 years of Age

6) Employment

- The average score of respondents for the question 'The information about employment and start-up is readily available' was 2.83 and that of the question 'There are employment training programs considering the aptitude of the elderly' was 2.87.
 - It is considered that respondents have difficulties in obtaining information on employment training programs for the elderly or employment and start-ups, which may require further improvement.
- The average score of respondents for the question 'Professional counseling is available on the reemployment after retiring with an age' was 2.74.
 - Respondents had negative views on the professional counseling on the reemployment.
- The average score of respondents for the question 'I am willing to volunteer (unpaid) for those who need my help' was 3.14 and that of the question 'There are many public jobs and paid volunteer opportunities in my town' was 2.93.
 - The willingness to volunteer is high and it is necessary to increase volunteer opportunities by connecting with volunteer organizations. It is considered that the opportunities for paid volunteer activities are somewhat insufficient, so it is necessary to prepare a channel that enables retired seniors suffering from financial difficulties to participate in paid activities.
- The average score of respondents for the question 'I am satisfied with what I'm doing now (professional activities, housework, etc.)' was 3.19.
 - A high proportion of respondents are satisfied with what they are doing now.

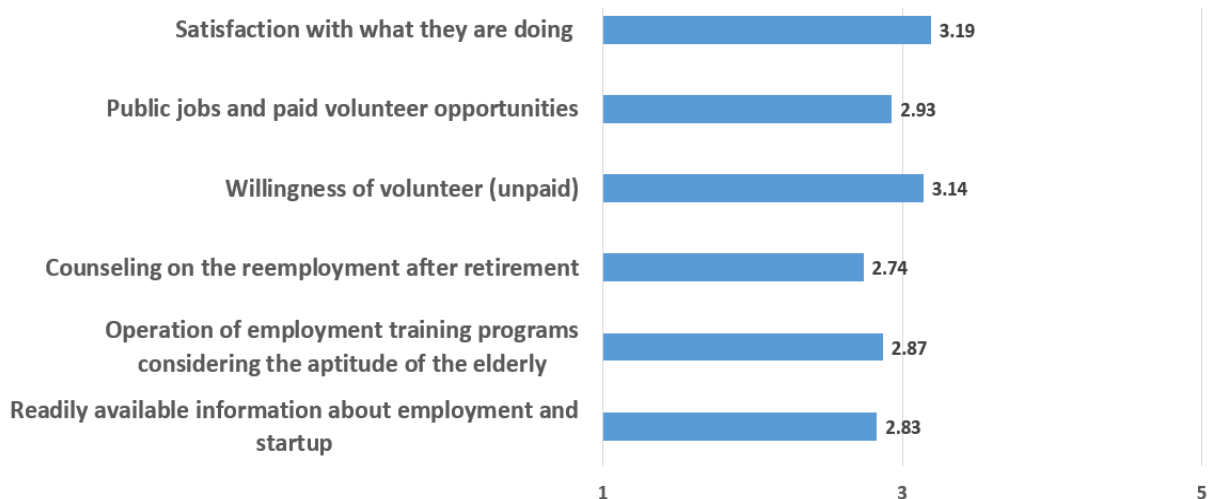


Figure 6. Employment by Targeted Respondents Over 65 Years of Age

7) Communication and Information

- The average score of respondents under 65 years of age for the question 'If you have any questions in public offices, hospitals, community centers, etc., they guide you kindly and help you better understand' was 3.23 and that of respondents over 65 years of age was 3.25.
 - All had positive views on kindness.
- The average score of respondents under 65 years of age for the question 'In public offices(city hall, district office, eup·myon·dong administrative welfare center, etc.) and community center, etc., you can use a computer or the internet free or at a low price' was 3.28 and that of respondents over 65 years of age was 3.05.
 - It is considered that the respondents over 65 years of age have some difficulty using the internet.
- The average score of respondents under 65 years of age for the question 'I am satisfied with information and news provided by public offices' was 3.10 and that of respondents over 65 years of age was 3.01.
 - It is considered that the information acquisition ability of respondents over 65 years of age is low than that of respondents under 65 years of age.
- The average score of respondents under 65 years of age for the question 'public offices keep you informed as soon as possible whenever there is any change in public management information public offices' was 3.14 and that of respondents over 65 years of age was 2.97.

- For services related to communication using the Internet, the respondents over 65 years of age had lower scores than those aged under 65 years of age. This results from the fact that the respondents over 65 years of age have difficulties obtaining information because such information is given via the Internet or smart phones by public offices.
 - Computer or internet training, preferably adapted to individual needs and pace of learning for older people is strongly advised.
- The average score of respondents under 65 years of age for the question on 'Large lettering of printed information such as official forms or brochures provided by public offices' was Under 65 years of age was 3.23 and that of respondents over 65 years of age was 3.01.
- Public offices need to change the lettering size or form of printed information such as brochures or documents or make additional editions adapted for older people by embracing the discomfort of respondents over 65 years of age.

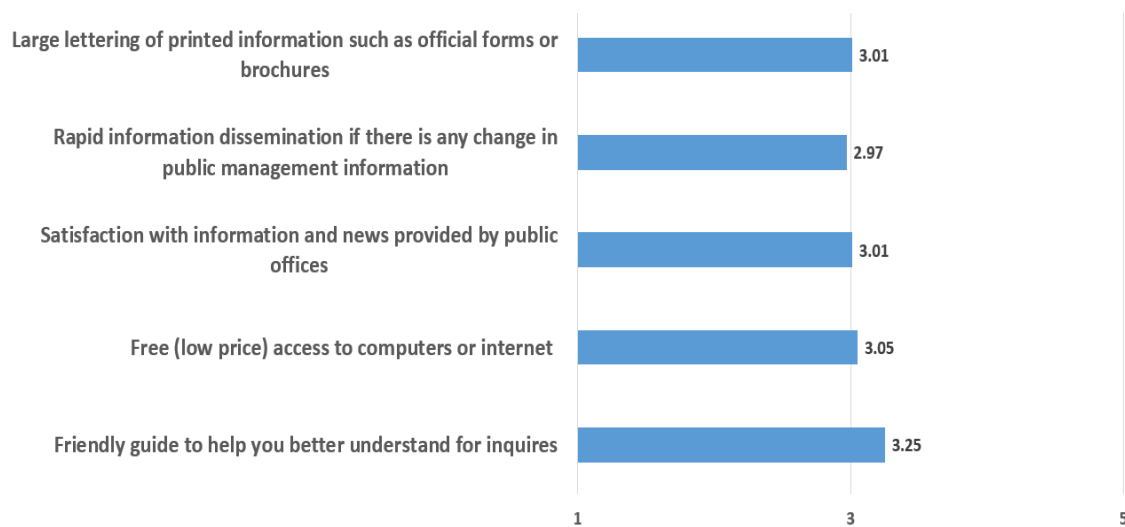


Figure 7. Communication and Information by Age

- For the respondents over 65 years of age, the average score of the question 'Information on the life after retirement for the elderly is provided through various broadcast media' was 2.99, that of the question 'Local magazines, papers and broadcast media reflect senior citizens' was 2.93, and that of the question 'Changwon City provides an opportunity and a place for the elderly to learn computers whenever they want' was 3.00.
- Findings show that the community is not very interested in providing information on

aged life and this make senior citizens have somewhat difficulty in acquiring information.

- Changwon City is required to provide various information on the senior citizen's post-retirement life. In particular, various information should be provided on the interests and needs of older people from local magazines, papers, and broadcast media
- Computer training such as the computer application program and how to use the internet for senior citizens, given by senior welfare centers or administrative welfare centers, is strongly advised.

8) Community Support and Health Services

- The average score of respondents under 65 years of age for the question 'Healthcare programs and information are provided from public offices and community centers was 3.33 and that of respondents over 65 years of age was 3.21.
 - It is believed that healthcare programs and information are well provided.
- The average score of respondents under 65 years of age for the question 'The healthcare and community centers are safely constructed and are fully accessible for older people' was 3.27 and that of respondents over 65 years of age was 3.35.
 - It is believed that the public health center and community center can be accessed readily by respondents over 65 years of age.
- The average score of respondents under 65 years of age for the question 'There is an institution(e.g. hospitals, 119 Rescue Center, etc.) accessible when I am sick near my home' was 3.36 and that of respondents over 65 years of age was 3.12.

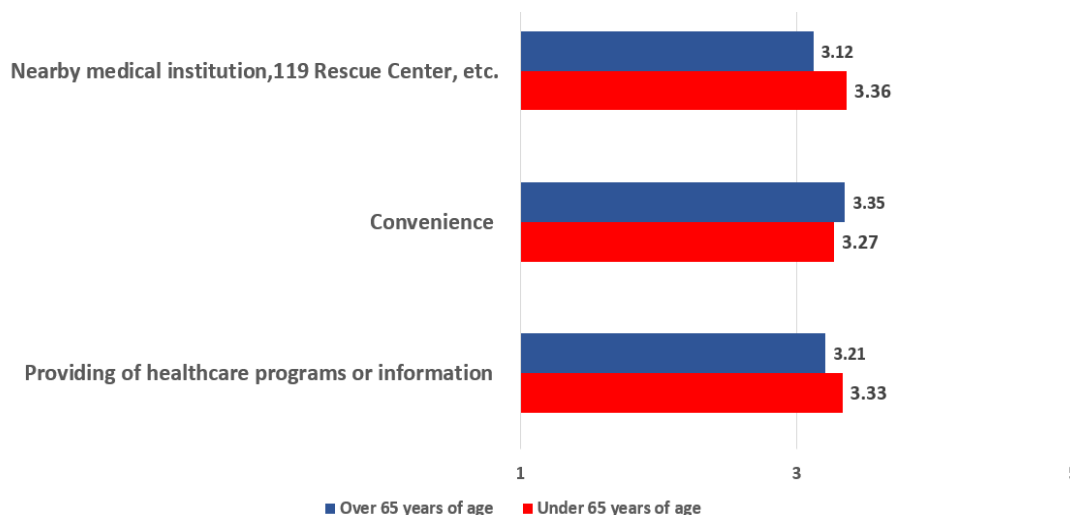


Figure 8. Community Support and Health Services by Age

- For questions asked to respondents over 65 years of age, the average score of the question 'Healthcare facilities are located for convenient use by the senior citizen' was 3.13 and that of the question 'It is convenient to use healthcare facilities with simple procedures' was 3.09.
 - It is considered that the location of healthcare facilities is deemed appropriate. Respondents have positive views on easy access and convenience but somewhat unsatisfactory.
- The average score of respondents for the question 'Health checkup services for senior citizens are provided regularly' was 3.19 and that of the question 'The public health centers and social welfare facilities have helpful and courteous staff trained to respond to older people' was 3.04.
 - Regular checkup services for senior citizens are governmental policies and show high satisfaction of senior citizens. Besides, the staff of healthcare centers and social welfare facilities are also well trained for senior citizens, so senior citizens gave positive reviews.
 - However, the service level of staff should be continuously improved.
- The average score of respondents for the question 'If you need help in your usual activities of daily life such as helping with housework or caring, you can get benefits of social support' was 2.99.
 - The findings show that senior citizens feel the lack of social support if they need help in their usual activities of daily life such as helping with housework or caring. Therefore developing service improvement plans can help senior citizens in their usual activities of daily life.

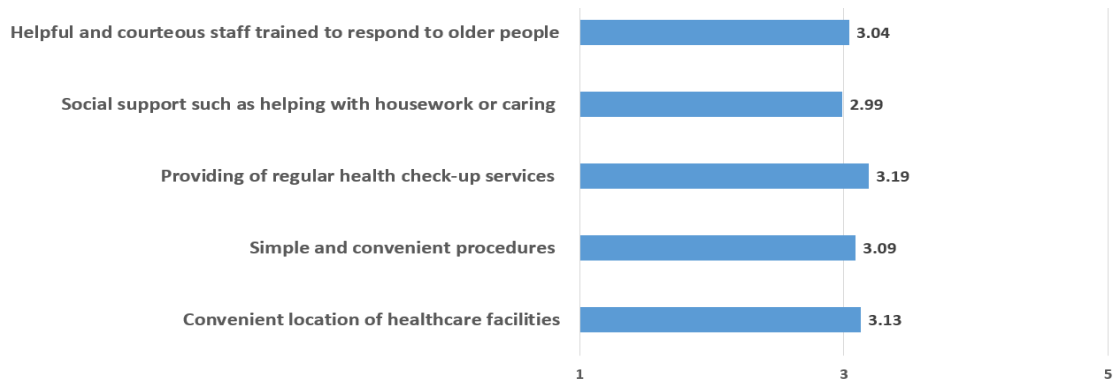


Figure 9. Community Support and Health Services by Targeted Respondents Over 65 Years of Age

9) Living status and satisfaction in Changwon

○ In the question 'Which of the eight focus areas is the most important?', 'housing' had the highest percentage of 21.2% for the respondents under 65 years and 'Community support and health services' had the highest percentage of 20.0% for the respondents over 65 years of age.

- The respondents under 65 years of age emphasized the importance of 'housing' in terms of a secure living environment. The respondents over 65 years of age emphasized the importance of 'Community support and health services' that there are direct benefits.
- Various policies and programs on community support and health services should be established and implemented for the elderly.

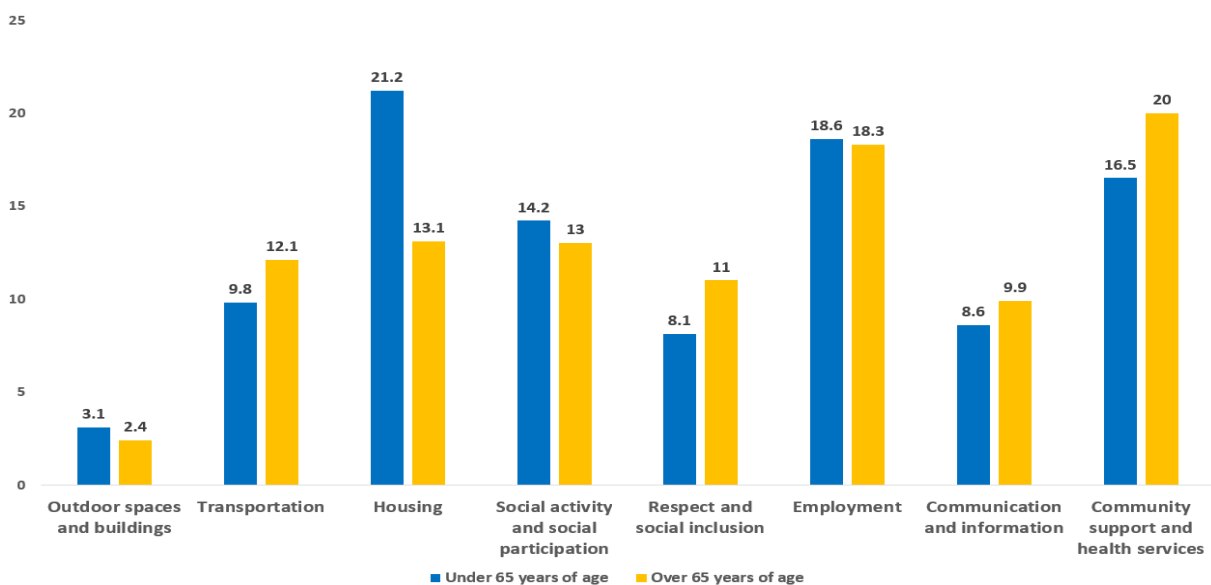


Figure 10. The Most Important Area(Duplicate Response)

- In the question 'How safe and convenient do you feel in Changwon?', all respondents under 65 years of age and over 65 years of age answered that they felt safe and convenient in Changwon.
 - The safety and convenience of Changwon City are more positively evaluated by the younger generation.
 - respondents over 65 years of age also showed positive opinions but they are getting old physically, the expansion of facilities and services to the elderly is required.
- In the question 'how long does it take to get to the following places from home when you conduct your usual activities of daily life, for respondents under 65 years of age, the time required to access most facilities was 'Less than 5-10 minutes walk'. It is believed that few of them feel uncomfortable caused by a long distance in their usual activities of daily life.
- For respondents over 65 years of age, the time required to access 'Where to buy daily necessities', 'administrative welfare center', and 'bus stop' was 'Less than 5-10 minutes walk' but the time required to access 'medical institution' and 'senior community club/senior welfare center' was Less than 10-30 minutes walk. It is considered that they feel somewhat inconvenient.
 - In particular, the time required to access 'senior community club/senior welfare center' showed the highest percentage(33.6%) of 'More than 30 minutes walk'. This result showed that they felt very inconvenient.
- For all facilities, the time required for respondents under 65 years of age to access them was shorter than that of those aged 65 years and over. This result was caused by the differences in walking speed according to physical strength, rather than the distance between residence and facilities of daily living.
 - That is, older people aged 65 years and over walk more slowly than young people. Therefore, even though facilities were located at the same distance from home, the time required to access them is longer than younger people.
 - The accessibility of facilities deserves to be considered with care in the plan on facilities for the elderly. Besides, appropriate shelters or benches(somewhere to rest) should be provided for rest between movements.
- For residential satisfaction in Changwon, the respondents under 65 years of age gave 73.85 and the respondents over 65 years of age gave 73.66. This result indicated that the level of satisfaction was similar.

- However, residential satisfaction was not high in both respondents under 65 years of age and over 65 years of age. Changwon City is urgently required to prepare a policy to increase the citizens' residential satisfaction.

5. Importance-Performance Analysis

1) Features of IPA Analysis Method

- Importance-Performance Analysis¹⁾(IPA) is a method that analyzes the priority by comparing to relative importance and performance.
- The analysis logic of IPA is very simple, so it is possible to derive the result quickly by using the average and matrix according to the evaluation attributes without statistical methods and the advantage of this analysis is easy consensus-building.
- The two dimensional IPA model is divided into four quadrants with performance on the x-axis and importance on the y-axis. As a result of this, four quadrants are created. The analysis is completed by deriving attributes that concentration or keeping up is needed as result values after identifying attributes according to the distribution of each quadrant.
- Additionally, the results per each area in the quadrant have the following characteristics.

- Quadrant I (High Importance/Low Performance) is labelled 'Concentrate Here'. This quadrant represents a key area that needs to be improved with the highest priority. An area that has the greatest effect relative to the costs of inputs.



IPA Matrix

- Quadrant II (High Importance/High Performance) is labelled 'Keep Up the Good Work': This quadrant represents an area that needs to be kept up or developed continuously because it is recognized as an important area by users and satisfaction is high. All attributes that fall into this quadrant are the strength of the organizations and they should be the pride of organizations. All attributes that fall into this quadrant are the strength and pillar of the providing organizations, and they should be the pride of the providing organizations.

1) hereafter referred to as IPA.

- Quadrant III (Low Importance/Low Performance) is labelled 'Low Priority'. Any of the attributes that fall into this quadrant are not important and draw relative satisfaction. Make users aware of the importance or maintain the status quo through a promotion intended to increase awareness.
- Quadrant IV (Low Importance/High Performance) is labelled as 'Possible Overkill': Areas that are considered as unimportant to users and show low satisfaction, so there is no need to invest unnecessary resources. Areas that need to be gradually improved as needed.

2) IPA Result per District

» Uichang-gu IPA Result

Concentrate Here	Keep Up the Good Work
<ul style="list-style-type: none"> • Transportation <ul style="list-style-type: none"> ✓ Transport drivers waiting for passenger safety when getting on and off the city bus ✓ Low-floor bus service • Communication and Information <ul style="list-style-type: none"> ✓ Friendly guide for inquiries about public offices, hospitals and community centers ✓ Satisfaction with information and news provided by public offices ✓ Rapid information dissemination if any change in public management information by public offices ✓ Large lettering of printed information including official forms or brochures 	<ul style="list-style-type: none"> • Transportation <ul style="list-style-type: none"> ✓ Accessibility of city buses for senior citizens to reach their final destination • Housing <ul style="list-style-type: none"> ✓ Possession of adequate conditions and facilities to live in ✓ House remodeling to prevent accidents and solve problems of inconvenience ✓ Preparedness for natural disasters in case of earthquake or fire • Communication and Information <ul style="list-style-type: none"> ✓ Provision of health care programs or information from public offices and community centers • Community Support and Health Services <ul style="list-style-type: none"> ✓ Design considering the safety and convenience of community health services and community centers ✓ Accessibility of emergency medical services

» Seongsan-gu IPA Result

Concentrate Here	Keep Up the Good Work
<ul style="list-style-type: none"> • Housing <ul style="list-style-type: none"> ✓ The current housing cost burdens ✓ House interior without thresholds • Communication and Information <ul style="list-style-type: none"> ✓ Satisfaction with information and news provided by public offices ✓ Rapid information dissemination if any change in public management information by public offices ✓ Large lettering of printed information including official forms or brochures 	<ul style="list-style-type: none"> • Outdoor spaces and buildings <ul style="list-style-type: none"> ✓ Driver's giving way on a crosswalk or narrow street for pedestrian safety • Transportation <ul style="list-style-type: none"> ✓ Installation of chairs and shelters(roofs) at the bus stop to make you enjoy while waiting ✓ Transport drivers waiting for passenger safety when getting on and off the city bus • Community Support and Health Services <ul style="list-style-type: none"> ✓ Provision of health care programs or information from public offices and community centers ✓ Design considering the safety and convenience of community health services and community centers ✓ Accessibility of emergency medical services

➤ Masanhappo-gu IPA Result

Concentrate Here	Keep Up the Good Work
<ul style="list-style-type: none"> • Communication and Information <ul style="list-style-type: none"> ✓ Satisfaction with information and news provided by public offices ✓ Rapid information dissemination if any change in public management information by public offices 	<ul style="list-style-type: none"> • Outdoor spaces and buildings <ul style="list-style-type: none"> ✓ Driver's giving way on a crosswalk or narrow street for pedestrian safety • Transportation <ul style="list-style-type: none"> ✓ Adequate number of priority seats for elderly and handicapped • Communication and Information <ul style="list-style-type: none"> ✓ Friendly guide for inquiries about public offices, hospitals and community centers • Community Support and Health Services <ul style="list-style-type: none"> ✓ Provision of health care programs or information from public offices and community centers ✓ Design considering the safety and convenience of community health services and community centers

➤ Masanhoiwon-gu IPA Result

Concentrate Here	Keep Up the Good Work
<ul style="list-style-type: none"> • Housing <ul style="list-style-type: none"> ✓ Preparedness for natural disasters in case of earthquake or fire • Communication and Information <ul style="list-style-type: none"> ✓ Free (low price) access to public offices and community center computers and the Internet ✓ Satisfaction with information and news provided by public offices ✓ Large lettering of printed information including official forms or brochures • Community Support and Health Services <ul style="list-style-type: none"> ✓ Accessibility of emergency medical services 	<ul style="list-style-type: none"> • Transportation <ul style="list-style-type: none"> ✓ Constant service interval of a city bus ✓ City bus route map and timetables indicated clearly and legible ✓ Low-floor bus service • Housing <ul style="list-style-type: none"> ✓ Possession of adequate conditions and facilities to live in ✓ House remodeling to prevent accidents and solve problems of inconvenience ✓ House interior without thresholds • Communication and Information <ul style="list-style-type: none"> ✓ Friendly guide for inquiries about public offices, hospitals and community centers ✓ Provision of health care programs or information from public offices and community centers

➤ Jinhae-gu IPA Result

Concentrate Here	Keep Up the Good Work
<ul style="list-style-type: none"> • Transportation <ul style="list-style-type: none"> ✓ Transport drivers waiting for passenger safety when getting on and off the city bus • Housing <ul style="list-style-type: none"> ✓ Preparedness for natural disasters in case of earthquake or fire ✓ The current housing cost burdens • Communication and Information <ul style="list-style-type: none"> ✓ Rapid information dissemination if any change in public management information by public offices ✓ Large lettering of printed information including official forms or brochures • Community Support and Health Services <ul style="list-style-type: none"> ✓ Accessibility of emergency medical services 	<ul style="list-style-type: none"> • Transportation <ul style="list-style-type: none"> ✓ Accessibility of city buses for senior citizens to reach their final destination • Housing <ul style="list-style-type: none"> ✓ Possession of adequate conditions and facilities to live in ✓ Difficulty finding affordable homes to buy • Communication and Information <ul style="list-style-type: none"> ✓ Friendly guide for inquiries about public offices, hospitals and community centers • Community Support and Health Services <ul style="list-style-type: none"> ✓ Design considering the safety and convenience of community health services and community centers

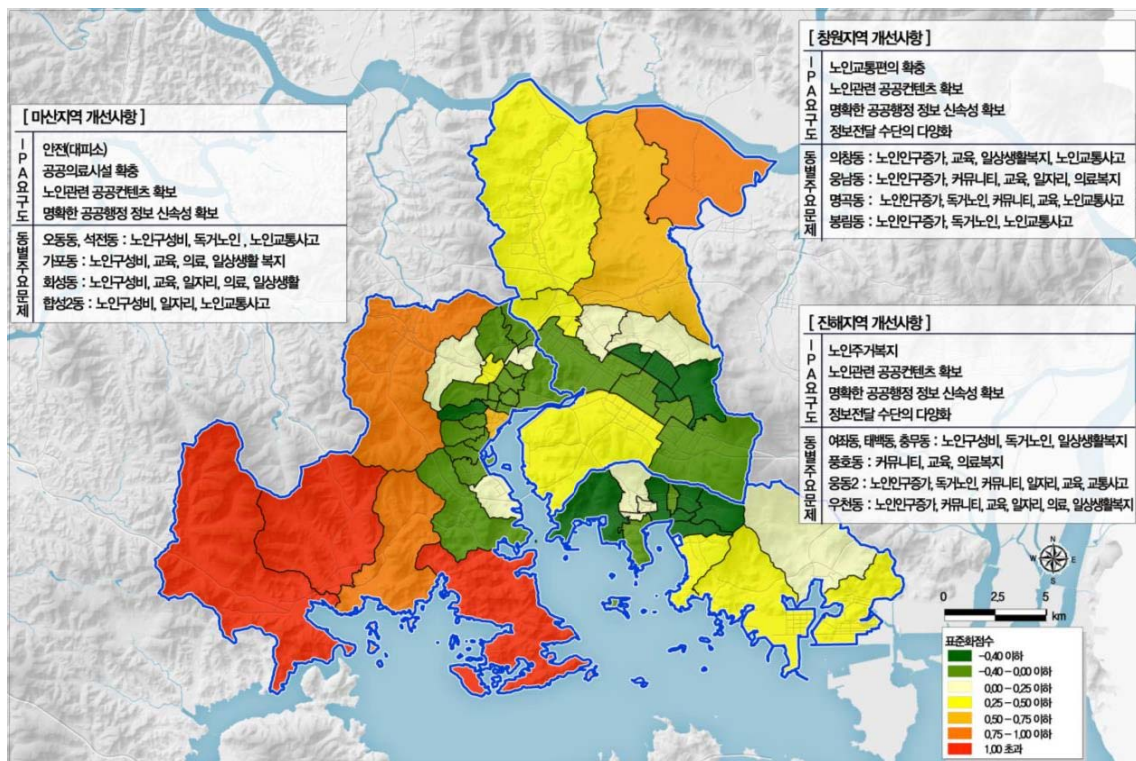


Figure 11. Summary on Improvements per Local Area to Improve Age-Friendly City Environment

6. Summary and Recommendations

1) Status of Changwon from Age-friendly Perspective

① Composition of Population

- Over the past 5 years, the total population of Changwon has decreased slightly, but the senior population has increased rapidly and is expected to enter an Super-Aged Society soon.
- This situation is very serious in the eup and myeon areas as well as in dong area and urgent measures should be taken.

② Senior's Economical Activities

- The total number of employed person and employment rate in Changwon City have been increasing since 2014 to 2018. On the other hand, the number of employed person and employment rate of older people were continuously fluctuating, increasing and decreasing widely.
- In other words, short-term temporary employment of older people occurred frequently due to unstable employment and there has not been a big increase in the number of job opportunities.
- Therefore, political efforts are required to create an environment in which the elderly can continue to work.

③ Public Transportation

- A lot of public transportation vulnerable areas exist in eup and myeon areas. Fatal traffic accidents and traffic accidents involving senior pedestrians frequently occur in the old town of Masan.
- In particular, among pedestrian deaths, pedestrian death of seniors accounted for 57.5% of all pedestrian deaths. Therefore, it is required to establish policies on the installation of safety facilities and speed reduction.

④ Social welfare and Culture

- Welfare facilities for senior citizens, civic participation facilities, senior community and information facilities, etc. are located around existing urban areas according to the population density. It is recommended to improve utilization efficiency and accessibility of facilities.

2) Recommended Improvements per Local Area in Changwon

- The improvements are recommended as follows per administrative district through requirements analysis to create an age-friendly city as a priority subject to create Age-Friendly Changwon.
 - Masan : Expansion of safety(shelter), public healthcare facilities, public contents related to the elderly, prompt acquisition of clear public information.
 - Changwon : Expansion of convenient transportation facilities, public contents related to the elderly, prompt acquisition of clear public information, a variety of communication methods.
 - Jinhae : Senior housing welfare, public contents related to the elderly, prompt acquisition of clear public information, a variety of communication methods.