



**Buk-gu**  
**Age-friendliness Level Survey**  
**Result**

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Buk-gu district,  
Gwangju Metropolitan City

# Age-friendliness Level Survey Overview

## 1. Design of age-friendliness level survey

- The purpose of age-friendliness level survey is to identify the living conditions of the elderly, diagnose the community environment surrounding the elderly through the indicators of 8 major areas for creating an age-friendly city of WHO, and use them as basic data for creating an age-friendly city and establishing a basic plan based on the results.

## 2. Subject of survey

- 830 senior citizens aged 65 or over living in Buk-gu district, Gwangju Metropolitan City

## 3. Method of survey and analysis

- The survey was conducted from June 5, 2023 to July 4, 2023.
- The entire response data of the collected questionnaire was verified, and the questionnaire with poor response content was excluded from the final analysis. The results of age-friendliness level survey were analyzed excluding data from survey subjects with poor responses.
- Of the total 830 questionnaires collected, 806 copies were confirmed and analyzed as the final valid sample, excluding 24 questionnaires that were inappropriate for use due to unfaithful responses and omission of response items.
- The data analysis used the SPSS 22.0 program to determine the age-friendliness level through frequency analysis and average of responses to each question in the age-friendliness level evaluation questionnaire.

## Detailed Result of Age-friendliness Level Survey

### 1 Outer spaces and buildings

#### 1. Overall Evaluations

	Contents of Evaluation	Points (Maximum 5-point)
1-1	The surrounding living environment (water, air, garbage disposal, etc.) is clean and pleasant.	3.80
1-2	There are parks and athletic facilities easily accessible at a short distance and they are well managed.	3.64
1-3	The walkway is flat, pedestrian space is secured and there are no obstacles, so it is easy to walk around.	3.72
1-4	There is non-slip on the sidewalk	3.49
1-5	Proper crossing time is provided when crossing a crosswalk.	3.65
1-6	At intersections or crosswalks, the driver yields to allow pedestrians to pass safely.	3.53
1-7	There is a separate bicycle road.	3.26
1-8	The neighborhood we live in is less vulnerable to crime and is safe.	3.66
1-9	Comprehensive services are provided for emergency situations such as injuries, illnesses and accidents.	3.15
1-10	There is a special customer service system such as a separate window for older people.	3.11
1-11	Various facilities and buildings are structured so that older people can use them conveniently.	3.13
1-12	Public toilets are clean and convenient enough to use.	3.39

## 2. Detailed Evaluation

1-1	The surrounding living environment (water, air, garbage disposal, etc.) is clean and pleasant.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.50%	6.00%	25.70%	40.70%	25.20%

1-2	There are parks and athletic facilities easily accessible at a short distance and they are well managed.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	5.80%	9.60%	19.60%	44.20%	20.80%

1-3	The walkway is flat, pedestrian space is secured and there are no obstacles, so it is easy to walk around.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.20%	9.70%	22.60%	48.60%	17.90%

1-4	There is non-slip on the sidewalk				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	5.60%	14.50%	26.80%	39.10%	16.00%

1-5	Proper crossing time is provided when crossing a crosswalk.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.40%	8.80%	25.60%	47.50%	15.80%

1-6	At intersections or crosswalks, the driver yields to allow pedestrians to pass safely.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.20%	10.40%	29.30%	43.70%	13.40%

1-7	There is a separate bicycle road.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	5.60%	16.10%	33.30%	36.20%	8.80%

1-8	The neighborhood we live in is less vulnerable to crime and is safe.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.50%	6.30%	28.20%	52.60%	11.40%

1-9	Comprehensive services are provided for emergency situations such as injuries, illnesses and accidents.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.10%	23.10%	35.00%	28.80%	9.10%

1-10	There is a special customer service system such as a separate window for older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.20%	19.70%	44.30%	23.60%	8.20%

1-11	Various facilities and buildings are structured so that older people can use them conveniently.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.50%	22.60%	39.60%	25.80%	8.60%

1-12	Public toilets are clean and convenient enough to use.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	7.30%	8.20%	34.10%	38.20%	12.20%

## 2 Transportation

### 1. Overall Evaluations

	Contents of Evaluation	Points (Maximum 5-point)
2-1	The intervals of public transportation are constant (including weekends and holidays).	3.58
2-2	If you use public transportation, you can go to your destination at any time.	3.76
2-3	There is enough seats for older people in public transportation.	3.57
2-4	The bus driver takes care of the safety of passengers when starting and stopping buses, getting on and off the buses.	3.81
2-5	The bus stop is safe, clean, and easy to get on and off.	3.81
2-6	Information about public transportation (bus routes, timetables, etc.) can be easily obtained.	3.66
2-7	Special transportation (free shuttle bus or volunteer vehicle) is provided for the weak in traffic (older people, the disabled, etc.).	2.83
2-8	The road is well drained and the streetlight is well equipped.	3.66
2-9	The traffic flow on the road is well controlled and smooth.	3.37
2-10	Road signs and guide signs are large, accurately marked and easy to see.	3.49
2-11	There is a sufficient number of priority parking areas for the weak in traffic (the disabled, women, etc.), and they are well observed.	2.99

## 2. Detailed Evaluation

2-1	The intervals of public transportation are constant (including weekends and holidays).				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.70%	7.20%	34.70%	39.80%	15.50%

2-2	If you use public transportation, you can go to your destination at any time.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.50%	7.80%	23.10%	48.40%	19.20%

2-3	There is enough seats for older people in public transportation.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.10%	10.40%	24.30%	46.30%	14.90%

2-4	The bus driver takes care of the safety of passengers when starting and stopping buses, getting on and off the buses.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.90%	5.80%	21.30%	51.20%	19.70%

2-5	The bus stop is safe, clean, and easy to get on and off.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.50%	3.70%	23.60%	54.20%	17.00%

2-6	Information about public transportation (bus routes, timetables, etc.) can be easily obtained.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.60%	7.90%	28.70%	45.50%	16.30%

2-7	Special transportation (free shuttle bus or volunteer vehicle) is provided for the weak in traffic (older people, the disabled, etc.).				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	9.90%	31.90%	30.80%	20.50%	7.00%

2-8	The road is well drained and the streetlight is well equipped.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.10%	9.10%	35.50%	32.10%	22.40%

2-9	The traffic flow on the road is well controlled and smooth.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.00%	12.40%	45.90%	26.70%	12.70%

2-10	Road signs and guide signs are large, accurately marked and easy to see.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.40%	10.80%	36.40%	34.10%	15.40%

2-11	There is a sufficient number of priority parking areas for the weak in traffic (the disabled, women, etc.), and they are well observed.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.40%	29.80%	38.10%	19.70%	8.10%



**3****Housing****1. Overall Evaluations**

	Contents of Evaluation	Points (Maximum 5-point)
3-1	It is easy to use public transportation in the house where I live.	3.76
3-2	I need a service to support home renovations and repairs from Gu office.	3.22
3-3	It is structured to move freely in the house.	3.49
3-4	The house I live in is adequately equipped with living facilities such as water, toilet, and heating.	3.65
3-5	Counseling and support services related to housing problems are well done.	2.71
3-6	I want to renovate my house so that I can resolve my physical discomfort and prepare for safety accidents.	3.12
3-7	There are various types of public and private rental housing that you can choose to fit your situation.	2.57

## 2. Detailed Evaluation

3-1	It is easy to use public transportation in the house where I live.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.40%	6.90%	23.80%	45.40%	21.50%
3-2	I need a service to support home renovations and repairs from Gu office.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	7.80%	29.30%	16.30%	25.70%	21.00%
3-3	It is structured to move freely in the house.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.90%	12.50%	34.00%	37.50%	14.10%
3-4	The house I live in is adequately equipped with living facilities such as water, toilet, and heating.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.50%	8.10%	28.70%	43.40%	17.40%
3-5	Counseling and support services related to housing problems are well done.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	11.20%	36.50%	28.40%	17.60%	6.30%
3-6	I want to renovate my house so that I can resolve my physical discomfort and prepare for safety accidents.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	8.90%	24.70%	23.70%	30.00%	12.70%
3-7	There are various types of public and private rental housing that you can choose to fit your situation.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	15.80%	33.10%	33.50%	13.20%	4.50%

## 4 Social participation

### 1. Overall Evaluations

Contents of Evaluation		Points (Maximum 5-point)
4-1	Various events, gatherings, and attractions are held in places that can be visited easily.	3.51
4-2	The event is held at a convenient time for older people to participate.	3.56
4-3	Leisure, entertainment, and sports events that everyone can participate in are often held.	3.33
4-4	The cost of participating in various events, meetings and attractions is reasonable and there is no additional cost.	3.58
4-5	Information on facilities including accessibility and transportation is provided for various events.	3.39
4-6	There are various social activities (such as religion, culture, hobbies, leisure, volunteer activities) that older people can participate in.	3.34
4-7	Meetings involving older people are being held in various places such as welfare centers, schools, libraries, and parks.	3.33
4-8	There are events or programs where several generations participate together (grandparents, grandchildren, etc.).	2.90

### 2. Detailed Evaluation

4-1	Various events, gatherings, and attractions are held in places that can be visited easily.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.10%	11.50%	35.70%	33.90%	16.70%

4-2	The event is held at a convenient time for older people to participate.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.10%	7.80%	29.00%	45.50%	13.50%

4-3	Leisure, entertainment, and sports events that everyone can participate in are often held.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.00%	14.80%	38.60%	29.00%	13.60%

4-4	The cost of participating in various events, meetings and attractions is reasonable and there is no additional cost.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.60%	7.80%	26.60%	46.80%	14.30%

4-5	Information on facilities including accessibility and transportation is provided for various events.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.20%	11.40%	38.10%	32.90%	13.40%

4-6	There are various social activities (such as religion, culture, hobbies, leisure, volunteer activities) that older people can participate in.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.50%	11.40%	41.10%	31.40%	11.80%

4-7	Meetings involving older people are being held in various places such as welfare centers, schools, libraries, and parks.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.20%	15.30%	37.20%	33.70%	10.50%

4-8	There are events or programs where several generations participate together (grandparents, grandchildren, etc.).				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	6.70%	33.10%	32.10%	19.00%	9.10%

## 5 Respect and social inclusion

### 1. Overall Evaluations

	Contents of Evaluation	Points (Maximum 5-point)
5-1	We are continuously seeking opinions of older people to implement the necessary policies for older people.	3.26
5-2	Public services suitable for various needs and preferences of older people are being provided.	3.19
5-3	Public institutions preferentially consider older people about civil petitions and local events.	3.41
5-4	Performances and events are often held for older people.	3.29
5-5	Seniors are included in the community activities for the family.	3.05
5-6	The school educates about aging and older people, and includes older people in school events.	2.94
5-7	The current and past contribution of older people to the community is recognized.	3.34
5-8	Appropriate public and private services and volunteer services are provided for the disadvantaged older people.	3.23

### 2. Detailed Evaluation

5-1	We are continuously seeking opinions of older people to implement the necessary policies for older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.50%	17.20%	34.20%	36.40%	7.80%

5-2	Public services suitable for various needs and preferences of older people are being provided.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.40%	21.60%	40.90%	27.90%	8.20%

5-3	Public institutions preferentially consider older people about civil petitions and local events.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.50%	12.70%	34.90%	36.70%	12.30%

5-4	Performances and events are often held for older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	5.70%	14.50%	33.50%	36.70%	9.60%

5-5	Seniors are included in the community activities for the family.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.70%	19.90%	49.90%	20.60%	6.00%

5-6	The school educates about aging and older people, and includes older people in school events.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	7.70%	20.30%	45.50%	22.50%	4.00%

5-7	The current and past contribution of older people to the community is recognized.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.70%	14.50%	32.30%	42.70%	6.80%

5-8	Appropriate public and private services and volunteer services are provided for the disadvantaged older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.00%	19.10%	33.10%	37.10%	6.70%

## 6 Civic participation and employment

### 1. Overall Evaluations

	Contents of Evaluation	Points (Maximum 5-point)
6-1	There are many opportunities for older people to volunteer.	3.36
6-2	There are many jobs for older people.	3.50
6-3	There are many opportunities for employment education for older people.	3.29
6-4	Age-based discrimination is prohibited in recruitment, retention, promotion, and training.	3.34
6-5	Information is provided for the employment and start-up of older people.	3.12
6-6	Education for reemployment after retirement is provided.	3.07

## 2. Detailed Evaluation

6-1	There are many opportunities for older people to volunteer.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.00%	16.10%	36.50%	32.30%	12.00%

6-2	There are many jobs for older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.80%	11.20%	32.30%	36.40%	16.40%

6-3	There are many opportunities for employment education for older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.70%	18.40%	36.70%	27.50%	13.60%

6-4	Age-based discrimination is prohibited in recruitment, retention, promotion, and training.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.60%	16.00%	31.80%	35.20%	12.40%

6-5	Information is provided for the employment and start-up of older people.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.50%	26.30%	36.50%	21.50%	12.30%

6-6	Education for reemployment after retirement is provided.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	4.50%	31.10%	33.50%	16.50%	14.40%



**7****Communication and information****1. Overall Evaluations**

	Contents of Evaluation	Points (Maximum 5-point)
7-1	Residents of all age groups are fully informed about daily life.	3.55
7-2	Public institutions (Gu offices, Community Centers) provide necessary information systematically.	3.31
7-3	I am able to get enough information for aged life in the place where I go frequently (senior citizen center, welfare center, cultural center, etc.).	3.72
7-4	Public institutions, hospitals, welfare centers, etc. will guide you if you have any questions about your access.	3.93
7-5	Newspapers, announcements, and broadcast subtitles published in our area are large and easy to read.	3.37
7-6	Computers and the Internet are available free of charge or at a reasonable price in public places such as government agencies and libraries.	3.12

## 2. Detailed Evaluation

7-1	Residents of all age groups are fully informed about daily life.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.10%	10.80%	26.30%	50.70%	10.00%
7-2	Public institutions (Gu offices, Community Centers) provide necessary information systematically.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.60%	16.40%	38.50%	31.80%	10.80%
7-3	I am able to get enough information for aged life in the place where I go frequently (senior citizen center, welfare center, cultural center, etc.).				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.50%	7.80%	25.10%	47.90%	17.70%
7-4	Public institutions, hospitals, welfare centers, etc. will guide you if you have any questions about your access.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.10%	2.50%	18.60%	57.60%	20.20%
7-5	Newspapers, announcements, and broadcast subtitles published in our area are large and easy to read.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	3.00%	9.80%	48.80%	23.70%	14.80%
7-6	Computers and the Internet are available free of charge or at a reasonable price in public places such as government agencies and libraries.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	7.70%	14.80%	42.90%	26.20%	8.40%

## 8 Community support and health services

### 1. Overall Evaluations

	Contents of Evaluation	Points (Maximum 5-point)
8-1	There is an opportunity to receive regular health care (checkup, vaccination, etc.).	3.79
8-2	Hospitals, public health centers and welfare facilities are conveniently located and accessible by any means of transportation.	3.67
8-3	There are many hospitals and places providing welfare services near my house.	3.68
8-4	Health centers and social welfare facilities are providing information for older people to use easily.	3.64
8-5	It is simple without any administrative difficulties to receive necessary services.	3.67
8-6	The staff of the social welfare facilities respect older people and are friendly.	3.89
8-7	If you need hospital treatment or therapy, you can get appropriate treatment at the hospital or public health center at any time.	3.53
8-8	Volunteer service is encouraged and supported throughout society.	3.56

### 2. Detailed Evaluation

8-1	There is an opportunity to receive regular health care (checkup, vaccination, etc.).				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.40%	4.50%	25.20%	51.20%	17.70%

8-2	Hospitals, public health centers and welfare facilities are conveniently located and accessible by any means of transportation.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.20%	9.20%	23.40%	49.50%	15.60%

8-3	There are many hospitals and places providing welfare services near my house.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.20%	8.90%	21.50%	52.90%	14.50%

8-4	Health centers and social welfare facilities are providing information for older people to use easily.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	2.20%	9.70%	26.40%	44.90%	16.70%

8-5	It is simple without any administrative difficulties to receive necessary services.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	0.90%	9.70%	26.20%	47.90%	15.40%

8-6	The staff of the social welfare facilities respect older people and are friendly.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.20%	3.20%	21.10%	54.10%	20.30%

8-7	If you need hospital treatment or therapy, you can get appropriate treatment at the hospital or public health center at any time.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.20%	9.10%	41.90%	30.00%	17.70%

8-8	Volunteer service is encouraged and supported throughout society.				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1.00%	8.50%	38.80%	39.10%	12.70%