

Results of Age-friendliness Survey

1) Purpose of survey

- A survey was conducted to see age-friendliness of people living in Uiwang City.

2) Survey Periods

- Surveys were conducted for 2 months (from 2021 January to March), taking into account COVID-19.
- FGI was conducted on March 25th, 2021 at the Uiwang City's townhall conference room. FGI for the female group was started at 4:30p.m. and FGI for the male group was conducted at 7:00p.m.

3) Survey Sampling

Sampling

- General citizens: 203 people in age 19-29, 30-39, 40-49, 50-57
- Baby Boomer Generation: 201 people in age 58-64
- Seniors: 622 senior citizens in age 65-75 and 75 or above
- FGI: 2 Groups (15 males and 11 females)

Uiwang Survey Sample : Seniors' Characteristics

		Case	Ratio
■ Total ■		622	100.0
Region	Gocheon	69	11.1
	Bugok	130	20.9
	Ojeon	147	23.6
	Naeson 1	79	12.7
	Naeson 2	73	11.7
	Cheonggye	124	19.9
Sex	Male	284	45.7
	Female	338	54.3
Age	65 ~ 74	388	62.4
	Above 75	234	37.6
Marital Status	Unmarried	2	0.3
	Married	413	66.4
	Divorced	27	4.3
	Widowed	180	28.9
Education	Nothing	19	3.0
	Elementary School	169	27.1
	Middle School	168	27.0
	High School	193	31.0
	Above University	73	11.7
Religion	Christian	161	25.9
	Catholic	71	11.4
	Buddism	82	14.8
	Others	6	1.0
	No Religion	292	47.0
Monthly Income	Less than 2M Won	334	53.7
	2M ~ 3.99M Won	175	28.1
	4M ~ 5.99M Won	34	5.5
	Above 6M Won	79	12.7

Uiwang Survey Sample : Babyboomers' Characteristics

		Case	Ratio
■ Total ■		201	100.0
Region	Gocheon	17	8.5
	Bugok	35	17.4
	Ojeon	49	24.4
	Naeson 1	27	13.4
	Naeson 2	26	12.9
	Cheonggye	47	23.4
Sex	Male	99	49.2
	Female	102	50.8
Marital Status	Unmarried	1	0.5
	Married	192	95.5
	Divorced	2	1.0
	Widowed	6	3.0
Education	Nothing	-	-
	Elementary School	-	-
	Middle School	21	10.5
	High School	158	78.6
	Above University	22	11.0
Religion	Christian	40	19.9
	Catholic	8	4.0
	Buddism	30	14.9
	Others	-	-
	No Religion	123	61.2
Monthly Income	Less than 2M Won	10	5.0
	2M ~ 3.99M Won	107	53.2
	4M ~ 5.99M Won	61	30.3
	Above 6M Won	23	11.4

Uiwang Survey Sample : General Citizens' Characteristics

		Case	Ratio
■ Total ■		203	100.0
Region	Gocheon	19	9.4
	Bugok	36	17.7
	Ojeon	44	21.7
	Naeson 1	27	13.3
	Naeson 2	30	14.8
	Cheonggye	47	23.2
Sex	Male	101	49.8
	Female	102	50.2
Age	20' s	53	26.1
	30' s	49	24.1
	40' s	51	25.1
	50 ~ 57	50	24.7
Marital Status	Unmarried	56	27.6
	Married	145	71.4
	Divorced	2	1.0
	Widowed	-	-
Education	Nothing	-	-
	Elementary School	-	-
	Middle School	-	-
	High School	104	51.2
	Above University	99	48.8
Religion	Christian	35	17.2
	Catholic	14	6.9
	Buddism	14	6.9
	Others	-	-
	No Religion	140	69.0
Monthly Income	Less than 2M Won	1	0.0
	2M ~ 3.99M Won	54	26.6
	4M ~ 5.99M Won	133	65.5
	Above 6M Won	15	7.4

List of FGI participants

NO	Name	Sex	Age	Residence Period(Year)	Residence Area
1	Participant 1	Male	45	4	Naeson 2
2	Participant 2	Male	58	7	Naeson 2
3	Participant 3	Male	28	3	Naeson 1
4	Participant 4	Male	32	5	Naeson 1
5	Participant 5	Male	48	24	Naeson 1
6	Participant 6	Male	44	6	Bugok
7	Participant 7	Male	50	14	Bugok
8	Participant 8	Male	73	25	Bugok
9	Participant 9	Male	26	3	Ojeon
10	Participant 10	Male	49	4	Bugok
11	Participant 11	Male	69	9	Ojeon
12	Participant 12	Male	50	11	Cheonggye
13	Participant 13	Male	76	15	Cheonggye
14	Participant 14	Male	54	3	Cheonggye
15	Participant 15	Male	39	6	Gocheon
16	Participant 16	Female	38	8	Gocheon
17	Participant 17	Female	41	15	Gocheon
18	Participant 18	Female	43	2	Naeson 2
19	Participant 19	Female	22	3	Naeson 1
20	Participant 20	Female	24	10	Bugok
21	Participant 21	Female	56	21	Bugok
22	Participant 22	Female	64	5	Ojeon
23	Participant 23	Female	58	15	Cheonggye
24	Participant 24	Female	45	26	Bugok
25	Participant 25	Female	60	7	Gocheon
26	Participant 26	Female	55	4	Naeson 1

4) Survey Plan and Contents

Sampling Plan

- The survey on general citizens(19-57) and Babyboomers and seniors(58-89) was implemented differently.
- Due to COVID-19, the survey on general citizens was conducted online. For seniors, the survey was conducted face-to-face in a CAPI way. Also, masks were provided to seniors.

Survey Contents

- Survey questions were organized to include the eight areas suggested by WHO. Also, additional questions (demographic characteristics) were added to analyze the age-friendliness of Uiwang City.

Sector	Contents of survey	No. of questions
Outdoor spaces and buildings	Local cleanliness, accessibility to parks and pedestrian roads, safety management of roads, etc.	12
Transportation	Accessibility of public transportation, convenience of use for seniors, etc.	10
Housing	Uiwang City's support and service level, stability of the residential structure, etc,	6
Social participation	Frequency and accessibility of events or festivals, etc.	6
Civic participation and employment	Quantity and quality of volunteer activities, opportunities for seniors to participate, etc.	6
Respect and social inclusion	Collecting opinions of seniors and social compensation, etc.	8
Communication and information	Accessibility of information, convenience of use, etc.	6
Community support and health services	Access to medical and welfare facilities, etc.	6
Demographic characteristics	General citizens: Perceptions on aging, demographic characteristics	10
	Seniors: Living conditions, demand survey, and demographic characteristics	47
Total : General citizens 70 questions, seniors 107 questions		

□ **Survey results on 8 areas**

- The results of survey(203 general citizens, 201 baby boomers and 622 seniors) on 8 areas are as follows:

Survey of age-friendliness in Uiwang : 1. Outdoor spaces and buildings
(Unit: points, rank, %)

No	Outdoor spaces and buildings	Category	Average (5)	Rank	Positive	Normal	Negative
1	Our neighborhood is clean and pleasant.	General	2.49	4	83.7	15.3	1.0
		Babyboomer	2.95	1	81.6	17.9	0.5
		Senior	3.24	1	83.6	14.6	1.8
2	Our neighborhood has many easy-to-use parks and trails.	General	2.46	11	67.0	29.6	3.4
		Babyboomer	2.78	2	68.7	29.4	2.0
		Senior	3.02	2	71.7	21.7	6.6
3	Our neighborhood has many benches that are readily available.	General	2.45	12	42.9	51.2	5.9
		Babyboomer	2.41	5	41.8	50.7	7.5
		Senior	2.8	5	61.4	28.0	10.6
4	Our neighborhood has many easy-to-use toilets.	General	2.47	10	41.4	46.8	11.3
		Babyboomer	2.32	10	42.8	41.8	15.4
		Senior	2.31	9	43.1	29.6	27.3
5	The sidewalks in our neighborhood are clean and safe.	General	2.48	9	49.8	44.3	5.9
		Babyboomer	2.43	4	48.8	44.3	7.0
		Senior	2.97	3	70.6	26.2	3.2
6	The sidewalks are wide enough to carry wheelchairs.	General	2.48	9	46.8	47.8	5.4
		Babyboomer	2.34	9	42.3	48.3	9.5
		Senior	2.33	8	43.2	27.0	29.7
7	There are enough crosswalks in neighborhood.	General	2.48	9	52.2	41.4	6.4
		Babyboomer	2.37	8	44.3	45.3	10.4
		Senior	2.66	6	53.2	36.2	10.6
8	The crosswalk gives plenty of time to cross.	General	2.48	9	54.2	40.4	5.4
		Babyboomer	2.44	3	43.3	53.2	3.5
		Senior	2.94	4	71.1	25.1	3.9
9	Our neighborhood has a separate bike path.	General	2.48	9	45.3	44.3	10.3
		Babyboomer	2.37	8	44.3	45.8	10.0
		Senior	2.25	10	36.7	42.1	21.2

10	Our neighborhood is safe without the risk of crime.	General	2.5	3	48.8	45.3	5.9
		Babyboomer	2.38	6	45.3	45.3	9.5
		Senior	2.64	7	55.9	39.5	4.5
11	Public facilities have preferential services such as reception desks for senior citizens.	General	2.51	2	41.4	53.2	4.4
		Babyboomer	2.31	11	38.3	51.2	10.0
		Senior	2.07	12	26.4	50.3	23.3
12	Public facilities have enough convenience facilities (safety handlers, etc.) for seniors and the weak.	General	2.56	1	46.3	50.7	2.0
		Babyboomer	2.28	12	33.8	59.2	6.5
		Senior	2.18	11	32.8	42.9	24.3

Survey of age-friendliness in Uiwang : 2. Transportation

(Unit: points, rank, %)

No.	Transportation	Category	Average (5)	Rank	Positive	Normal	Negative
1	Access to the bus stop and subway station is convenient.	General	2.52	7	57.1	35.5	7.4
		Babyboomer	2.38	10	49.3	33.8	16.9
		Senior	2.23	10	41.0	27.7	31.4
2	It is safe and convenient when using public transportation.	General	2.66	1	63.1	34.5	2.5
		Babyboomer	2.57	2	56.7	38.8	4.5
		Senior	2.95	4	70.7	23.6	5.3
3	Public transportation has consistent interval of dispatch	General	2.62	2	62.1	33.0	4.9
		Babyboomer	2.65	1	63.7	32.3	4.0
		Senior	2.87	5	66.2	27.5	5.6
4	Public transportation is enough to move within Uiwang City.	General	2.46	9	54.2	36.9	8.9
		Babyboomer	2.52	3	53.7	40.8	5.5
		Senior	2.67	7	62.5	30.1	7.1
5	Public transportation is well equipped with conveniences.	General	2.44	10	45.8	50.2	3.9
		Babyboomer	2.48	5	53.2	38.3	8.5
		Senior	2.68	6	58.7	37.0	4.3
6	Public transportation routes and timetable are large and visible.	General	2.53	6	55.7	38.9	5.4
		Babyboomer	2.43	9	48.8	40.8	10.4
		Senior	3.1	2	75.6	19.3	5.0
7	There are many low-floor buses that are convenient for seniors and the weak.	General	2.5	8	50.7	45.3	3.9
		Babyboomer	2.46	8	46.8	48.8	4.5
		Senior	2.56	9	49.8	35.4	14.3
8	It is easy to take a taxi.	General	2.55	5	56.2	40.9	3.0
		Babyboomer	2.52	3	55.2	39.3	5.5
		Senior	2.58	8	42.4	47.7	6.8

9	Roads (automobile roads) in our neighborhood are being safely managed.	General	2.59	3	58.6	38.9	2.5
		Babyboomer	2.48	5	49.8	46.3	4.0
		Senior	3.02	3	70.4	25.1	3.5
10	Traffic lights and signs are big and visible.	General	2.58	4	59.1	38.9	2.0
		Babyboomer	2.47	7	47.3	50.7	2.0
		Senior	3.16	1	74.8	21.5	3.1

Survey of age-friendliness in Uiwang : 3. Housing

(Unit: points, rank, %)

No	Housing	Category	Average (5)	Rank	Positive	Normal	Negative
1	My house is safe and free to move around.	General	2.83	1	82.8	15.3	2.0
		Babyboomer	2.81	1	72.6	26.4	1.0
		Senior	3.73	1	94.9	4.5	0.6
2	My house has proper facilities such as water supply, toilet, heating, etc.	General	2.67	2	66.5	29.6	3.9
		Babyboomer	2.75	2	69.2	26.9	4.0
		Senior	3.72	2	93.7	5.6	0.6
3	Uiwang City provides sufficient counseling and services related to housing issues.	General	2.39	4	39.9	56.2	3.9
		Babyboomer	2.43	4	44.8	45.8	9.0
		Senior	2.37	4	40.5	45.8	11.4
4	Uiwang City offers affordable customized housing for seniors	General	2.26	6	39.4	44.8	15.8
		Babyboomer	2.34	5	41.3	47.3	10.9
		Senior	2.19	6	34.1	43.7	18.3
5	Our neighborhood has various types of public and private rental housing.	General	2.37	5	43.8	48.3	7.9
		Babyboomer	2.31	6	44.8	38.8	15.4
		Senior	2.22	5	51.0	26.5	20.6
6	My house has nearby convenience facilities (hospital, health center, pharmacy, supermarket, etc.)	General	2.51	3	52.7	42.4	4.9
		Babyboomer	2.5	3	47.8	48.8	3.5
		Senior	2.71	3	57.2	32.5	10.1

Survey of age-friendliness in Uiwang : 4. Leisure and Social participation

(Unit: points, rank, %)

No	Leisure and Social Participation	Category	Average (5)	Rank	Positive	Normal	Negative
1	There are many events and things to see in our neighborhood.	General	2.16	6	36.5	41.9	21.2
		Babyboomer	2.05	6	33.3	37.3	28.9
		Senior	1.79	6	19.8	32.2	47.3
2	Events and festivals are held in places where seniors can visit easily.	General	2.22	5	38.4	42.9	17.7
		Babyboomer	2.06	5	31.8	40.3	27.4
		Senior	2.03	4	27.5	36.5	35.2
3	Information about events and festivals is provided sufficiently in advance to seniors.	General	2.37	2	41.9	50.2	7.4
		Babyboomer	2.23	1	32.8	53.2	13.4
		Senior	2.06	3	26.2	47.3	25.7
4	There are many facilities that provide leisure(senior Centers, sports facilities, etc)	General	2.38	1	45.8	43.3	9.9
		Babyboomer	2.22	3	39.3	40.8	19.9
		Senior	2.68	1	60.9	28.1	10.8
5	There are many programs that suit the needs and desires of seniors	General	2.3	3	33.5	58.1	6.4
		Babyboomer	2.1	4	33.8	41.3	24.4
		Senior	1.97	5	20.3	53.7	25.4
6	Mobile services are provided for seniors or the disabled who have difficulty moving around.	General	2.3	3	37.9	53.7	8.4
		Babyboomer	2.23	1	35.3	51.7	12.4
		Senior	2.17	2	28.5	48.2	20.7

Survey of age-friendliness in Uiwang : 5. Respect and social inclusion

(Unit: points, rank, %)

No	Respect and social inclusion	Category	Average (5)	Rank	Positive	Normal	Negative
1	Uiwang City is constantly seeking opinions to provide seniors with the necessary policies.	General	2.55	1	57.1	40.4	2.5
		Babyboomer	2.38	1	46.3	45.8	7.5
		Senior	1.97	6	21.4	51.6	25.4
2	A person(public official, social worker, etc.) who provides services to seniors is polite.	General	2.51	2	52.7	43.8	3.4
		Babyboomer	2.38	1	45.3	45.8	9.0
		Senior	2.53	2	52.4	37.3	10.1
3	People in our neighborhood treat seniors with respects.	General	2.45	5	45.8	48.3	5.9
		Babyboomer	2.27	6	37.8	50.7	11.4
		Senior	2.79	1	65.4	29.6	4.0
4	Seniors have many opportunities to pass on knowledge and experiences to the younger generation.	General	2.49	3	55.2	35.5	9.4
		Babyboomer	2.31	4	44.3	40.8	14.4
		Senior	1.76	7	25.6	38.6	34.2
5	Uiwang City provides various rewards in recognition of past contributions of senior generation.	General	2.47	4	51.7	40.4	7.4
		Babyboomer	2.33	3	42.3	47.8	9.5
		Senior	2.11	5	26.7	50.5	20.1
6	Public facilities provide enough education to promote positive image of aging.	General	2.32	7	37.4	54.7	7.9
		Babyboomer	2.28	5	36.3	53.7	9.5
		Senior	2.14	4	25.7	56.6	15.4
7	There are many events and programs that different generations can get along together.	General	2.3	8	39.4	53.2	7.4
		Babyboomer	2.2	7	28.4	62.7	8.5
		Senior	1.73	8	13.8	47.4	36.3
8	Appropriate services are being provided for underprivileged seniors.	General	2.35	6	39.9	55.2	4.9
		Babyboomer	2.18	8	27.4	63.2	9.0
		Senior	2.25	3	33.8	51.4	12.1

Survey of age-friendliness in Uiwang :
6. Civic participation and employment

(Unit: points, rank, %)

No	Civic participation and employment	Category	Average (5)	Rank	Positive	Normal	Negative
1	There are many volunteer activities that seniors can participate in Uiwang City.	General	2.15	6	32.0	47.3	17.2
		Babyboomer	1.97	6	29.9	37.3	32.8
		Senior	1.91	5	19.1	47.9	30.9
2	Volunteer institutions in Uiwang City have systematic programs and personnel management.	General	2.17	5	32.0	48.8	16.3
		Babyboomer	1.99	5	26.4	46.3	27.4
		Senior	2.22	2	33.9	45.7	17.8
3	Uiwang City provides seniors with proper jobs sufficiently.	General	2.39	1	43.3	45.3	8.4
		Babyboomer	2.05	4	27.4	49.8	22.4
		Senior	2.36	1	38.9	47.4	13.0
4	The senior jobs offered by Uiwang City have a high salary level.	General	2.26	2	37.4	44.3	14.8
		Babyboomer	2.11	3	28.4	52.2	18.9
		Senior	2.17	3	31.8	49.5	17.4
5	It is possible to consult with experts about reemployment and start-ups after retirement.	General	2.22	4	31.5	55.2	10.8
		Babyboomer	2.18	1	33.8	48.8	16.4
		Senior	2	4	19.3	56.1	19.9
6	It is easy to get job information and education that can utilize seniors' career after retirement.	General	2.26	2	30.5	62.1	5.4
		Babyboomer	2.12	2	20.9	68.7	9.5
		Senior	1.86	6	13.8	54.3	28.0

Survey of age-friendliness in Uiwang :
7. Communication and information

(Unit: points, rank, %)

No	Communication and information	Category	Average (5)	Rank	Positive	Normal	Negative
1	Seniors can sufficiently access necessary information for general life	General	2.72	1	73.4	24.6	2.0
		Babyboomer	2.57	1	60.2	35.3	4.0
		Senior	2.26	3	37.9	39.7	21.1
2	Uiwang City provide seniors with the necessary information systematically and sufficiently.	General	2.59	2	60.6	36.5	3.0
		Babyboomer	2.51	2	52.7	42.8	4.0
		Senior	2.12	4	25.4	55.8	17.8
3	Notices in public facilities are written in large font and conspicuous colors.	General	2.34	6	36.0	60.1	3.9
		Babyboomer	2.31	4	39.8	49.8	10.0
		Senior	3.01	2	68.5	23.8	6.8
4	Public facility notices use words that are easy for seniors to understand.	General	2.48	3	51.7	42.9	5.4
		Babyboomer	2.31	4	41.8	48.3	9.5
		Senior	3.06	1	73.3	20.9	5.3
5	Local information magazines, local broadcasts reflect the interests of seniors.	General	2.45	4	48.3	47.8	3.9
		Babyboomer	2.32	3	38.3	55.2	6.0
		Senior	2.06	5	30.2	38.4	28.6
6	It is easy to get an assistance in using computers and smart phones	General	2.39	5	43.3	52.7	3.9
		Babyboomer	2.29	6	33.3	61.2	4.5
		Senior	1.95	6	16.2	57.2	21.5

Survey of age-friendliness in Uiwang :
8. Community support and health services

(Unit: points, rank, %)

No	Community support and health services	Category	Average (5)	Rank	Positive	Normal	Negative
1	Our neighborhood has many medical facilities (hospitals, clinics, health centers) and welfare facilities.	General	2.32	6	42.4	45.8	11.8
		Babyboomer	2.27	5	43.3	37.8	18.9
		Senior	2.34	5	44.2	34.6	21.2
2	Our neighborhood is close to medical facilities (hospitals, clinics, health centers) and welfare facilities.	General	2.33	5	45.8	39.4	14.8
		Babyboomer	2.27	5	44.3	32.3	23.4
		Senior	2.5	2	48.2	29.1	22.5
3	The procedure of the medical and welfare facilities in our neighborhood are simple.	General	2.48	2	52.2	40.4	7.4
		Babyboomer	2.42	1	44.8	47.8	7.0
		Senior	2.65	1	55.8	27.0	16.7
4	There are many opportunities to use health education and exercise classes.	General	2.42	3	45.8	47.3	6.9
		Babyboomer	2.3	3	40.3	46.3	13.4
		Senior	2.48	3	46.5	39.4	13.8
5	The welfare program consists of what seniors need.	General	2.37	4	42.4	50.2	7.4
		Babyboomer	2.3	3	38.3	49.8	11.4
		Senior	2.26	6	34.7	49.2	15.1
6	Uiwang City has many protection facilities (such as sunscreen) for severe cold weather and heat waves.	General	2.5	1	49.3	46.3	3.9
		Babyboomer	2.41	2	46.8	46.8	6.5
		Senior	2.43	4	48.7	35.4	14.5