

Results of Age-friendliness Survey

1) Purpose of survey

- A survey was conducted to see age-friendliness of people living in Mapo-gu.

2) Survey Periods

- Surveys were conducted for 2 months, taking into account COVID-19.
- FGD was conducted in April 16th, 2021 at mapo disabled welfare facility. FGD for a female group was started at 4:30 in the afternoon and FGD for a male group was done at 7:00 in the evening.

3) Survey Sampling

Sampling

- General citizens: 214 people in ages 19-29, 30-39, 40-49, 50-54
- Seniors: 642 senior citizens in ages 55-64, 65-74, 75-
- FGI: 2 Groups (a male/female group of 14 and 14 respectively)

Age-friendliness of Mapo-gu : Characteristics of seniors

Category		Case	Ratio
■ Total ■		642	100.0
Area	Area 1	124	19.3
	Area 2	158	24.6
	Area 3	148	23.1
	Area 4	212	33.0
Sex	Male	294	45.8
	Female	348	54.2
Age	55~64	289	45.0
	65~74	206	32.1
	More than 75	147	22.9
Marital status	Single	1	0.2
	Married	588	91.6
	Divorced	13	2.0
	Bereavement	40	6.2
Final education	No education	-	-
	Elementary school	11	1.7
	Middle school	132	20.6
	High school	378	58.9
	College or higher	121	18.9
Religion	Have a religion	232	36.1
	Don't have a religion	410	63.9
Monthly Average Household Income	Less than 2 million won	100	15.6
	2~3.9 million won	289	45.0
	4~5.9 million won	122	19.0
	More than 6 million won	131	20.4

Age-friendliness of Mapo-gu : Characteristics of general citizens

Category		Case	Ratio
■ Total ■		214	100.0
Area	Area 1	43	20.1
	Area 2	44	20.6
	Area 3	53	24.8
	Area 4	74	34.6
Sex	Male	103	48.1
	Female	111	51.9
Age	19~29	59	27.6
	30~39	61	28.5
	40~49	57	26.6
	50~54	37	17.3
Marital status	Single	84	39.3
	Married	128	59.8
	Divorced	2	0.9
	Bereavement	-	-
Final education	No education	-	-
	Elementary school	-	-
	Middle school	1	0.5
	High school	54	25.2
	College graduation or higher	159	74.3
Religion	Have a religion	65	30.4
	Don't have a religion	149	69.6
Monthly average household income	Less than 2 million won	1	0.5
	2~3.9 million won	50	23.4
	4~5.9 million won	110	51.4
	More than 6 million won	53	24.8

List of FGD participants

NO	Name	Sex	Age	Period of residence	Place of residence	Media frequency
1	Participant 1	Female	60s	25 years	Sinsu-dong	5 times per week
2	Participant 2	Female	30s	7 years	Gongdeok-dong	7 times per week
3	Participant 3	Female	60s	15 years	Dohwa-dong	Almost everyday
4	Participant 4	Female	40s	5 years	Seogang-dong	Almost everyday
5	Participant 5	Female	60s	14 years	Mangwon-dong	Almost everyday
6	Participant 6	Female	60s	11 years	Seongsan-dong	7 times per week
7	Participant 7	Female	20s	25 years	Sangam-dong	5 times per week
8	Participant 8	Female	70s	20 years	Yeomni-dong	Almost everyday
9	Participant 9	Female	60s	6 years	Mangwon-dong	Almost everyday
10	Participant 10	Female	60s	10 years	Gongdeok-dong	Almost everyday
11	Participant 11	Female	70s	35 years	Yeonnam-dong	7 times per week
12	Participant 12	Female	70s	15 years	Sangam-dong	Almost everyday
13	Participant 13	Female	70s	39 years	Mangwon-dong	Almost everyday
14	Participant 14	Female	60s	10 years	Sangam-dong	4 times per week
15	Participant 15	Male	30s	8 years	Dohwa-dong	7 times per week
16	Participant 16	Male	60s	5 years	Yeonnam-dong	7 times per week
17	Participant 17	Male	50s	30 years	Seongsan-dong	Almost everyday
18	Participant 18	Male	30s	35 years	Hapjeong-dong	5 times per week
19	Participant 19	Male	20s	25 years	Gongdeok-dong	7 times per week
20	Participant 20	Male	50s	10 years	Hapjeong-dong	Almost everyday
21	Participant 21	Male	50s	21 years	Yeonnam-dong	5 times per week
22	Participant 22	Male	80s	25 years	Seongsan-dong	7 times per week
23	Participant 23	Male	70s	30 years	Yeonnam-dong	Almost everyday
24	Participant 24	Male	80s	45 years	Sangam-dong	7 times per week
25	Participant 25	Male	70s	30 years	Yeonnam-dong	7 times per week
26	Participant 26	Male	70s	20 years	Seongsan-dong	Almost everyday
27	Participant 27	Male	80s	35 years	Mangwon-dong	4 times per week
28	Participant 28	Male	80s	45 years	Seongsan-dong	Almost everyday

4) Survey Contents

Survey Contents

- Survey questions were prepared to include eight areas suggested by the WHO. Also, additional questions (demographic characteristics) were added to see the age-friendliness of Mapo-gu.
- In this baseline assessment, results of 8 areas are shown to compare opinions between citizens and seniors.

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	mapo-gu's support and service level, stability of the residential structure, etc,	7
Social participation	Frequency and accessibility of events or festivals, etc.	5
Civic participation and employment	Quantity and quality of volunteer activities, opportunities for seniors to participate, etc.	11
Respect and social inclusion	Collecting opinions of seniors and social compensation, etc.	8
Communication and information	Accessibility of information, convenience of use, etc.	5
Community support and health services	Access to medical and welfare facilities, etc.	7
Demographic characteristics	General citizens: Perceptions on aging, demographic characteristics	10
	Seniors: Living conditions, demand survey, and demographic characteristics	121
Total : General citizens 75 questions, seniors 189 questions		

□ **Survey results on 8 areas**

- The results of survey(214 general citizens and 642 seniors) on 8 areas are as follows:

Survey of age-friendliness in Mapo-gu : 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.	Citizens	3.87	2	67.8	14.0	18.2
		Seniors	3.85	2	81.8	17.6	0.6
2	Our neighborhood has many easy-to-use parks and trails.	Citizens	4.06	1	79.4	15.9	4.7
		Seniors	3.71	4	64.0	33.6	2.4
3	Our neighborhood has many breathing places(benches) that are readily available.	Citizens	3.84	4	66.2	28.2	5.63
		Seniors	3.6	6	56.4	39.9	3.7
4	Our neighborhood has many easy-to-use (public) toilets.	Citizens	3.71	11	62.4	32.4	5.2
		Seniors	3.46	12	48.3	44.7	7.0
5	The sidewalks and roads in our neighborhood are clearly separated and safe.	Citizens	3.82	6	69.6	25.7	4.7
		Seniors	3.58	8	57.8	38.9	3.3
6	The sidewalks are wide enough to carry wheelchairs.	Citizens	3.78	8	68.2	27.6	4.2
		Seniors	3.63	5	66.4	28.5	5.1
7	Roads in our neighborhood are flat and wide, which are convenient to use.	Citizens	3.79	7	68.7	26.2	5.1
		Seniors	3.87	1	83.5	15.7	0.8
8	The crosswalk gives plenty of time to cross.	Citizens	3.86	3	72.3	22.5	5.2
		Seniors	3.74	3	69.5	29.0	1.5
9	Our neighborhood has separate bicycle roads	Citizens	3.75	9	64.7	31.5	3.8
		Seniors	3.58	8	52.2	44.4	3.4
10	Our neighborhood is safe without the risk of crime.	Citizens	3.84	4	69.9	26.3	3.8
		Seniors	3.6	6	54.8	41.7	3.5
11	Public facilities have preferential services such as reception desks for senior citizens.	Citizens	3.71	11	70.8	22.6	6.6
		Seniors	3.53	11	53.4	42.8	3.8
12	Public facilities have enough convenience facilities (safety handlers, etc.) for seniors and the weak.	Citizens	3.75	9	78.0	15.0	7.0
		Seniors	3.58	8	60.6	35.2	4.2

Survey of age-friendliness in Mapo-gu : 2. Transportation

(Unit: points, rank, %)

No.	Transportation	Category	Average (5)	Rank	Positi ve	Nor mal	Nega tive
1	Access to the bus stop and subway station is convenient.	Citizens	3.94	3	86.0	7.5	6.5
		Seniors	3.73	1	71.8	23.7	4.5
2	It is safe and convenient when using public transportation.	Citizens	4.03	1	83.6	10.8	5.6
		Seniors	3.71	2	67.0	31.0	2.0
3	Time interval between public transportation is constant	Citizens	4.00	2	76.2	18.2	5.6
		Seniors	3.69	3	60.8	36.8	2.4
4	Public transportation is enough to move within Mapo-gu.	Citizens	3.75	9	63.6	31.3	5.1
		Seniors	3.62	6	60.3	33.3	6.4
5	Bus stations have sufficient facilities to wait for buses comfortably.	Citizens	3.68	10	58.8	36.5	4.7
		Seniors	3.57	9	56.5	38.8	4.7
6	Public transportation routes and timetable are large and visible.	Citizens	3.78	6	66.9	26.6	6.5
		Seniors	3.58	8	53.6	43.2	3.2
7	There are many low-floor buses that are convenient for seniors and the weak.	Citizens	3.76	8	68.2	26.2	5.6
		Seniors	3.56	10	55.8	37.5	6.7
8	It is easy and convenient to use a taxi.	Citizens	3.78	6	71.0	26.2	2.8
		Seniors	3.61	7	62.6	31.8	5.6
9	Roads (automobile roads) in our neighborhood are being safely managed.	Citizens	3.81	5	76.1	17.8	6.1
		Seniors	3.65	4	65.0	32.1	2.9
10	Traffic lights and signs are big and visible.	Citizens	3.82	4	79.5	15.4	5.1
		Seniors	3.65	4	67.0	29.0	4.0

Survey of age-friendliness in Mapo-gu : 3. Housing

(Unit: points, rank, %)

No	Housing	Category	Average (5)	Rank	Positive	Normal	Negative
1	I can safely and freely move around at my house	Citizens	3.98	2	88.4	5.1	6.5
		Seniors	3.94	1	88.0	11.4	0.6
2	My house has proper facilities such as water supply, toilet, heating, etc.	Citizens	4.01	1	82.7	10.8	6.5
		Seniors	3.91	2	79.9	19.3	0.8
3	Mapo-gu provides sufficient counseling and services related to housing issues.	Citizens	3.72	4	60.8	32.2	7.0
		Seniors	3.64	4	54.2	42.5	3.3
4	There are many proper houses in Mapo-gu for seniors and the disabled.	Citizens	3.59	5	56.2	34.4	9.4
		Seniors	3.41	5	48.6	36.9	14.5
5	Our neighborhood has various types of public and private rental housings.	Citizens	3.57	6	59.6	29.1	11.3
		Seniors	3.32	7	46.1	39.1	14.8
6	Our neighborhood has convenience facilities in close distance(hospital, health center, pharmacy, supermarket, etc.)	Citizens	3.82	3	75.6	17.8	6.6
		Seniors	3.85	3	73.1	25.4	1.5
7	The housing price in Mapo-gu is reasonable.	Citizens	3.54	7	66.3	17.8	15.9
		Seniors	3.33	6	50.8	32.7	16.5

Survey of age-friendliness in Mapo-gu :

4. Community resources and health

(Unit: points, rank, %)

No	Community support and health services	Category	Average (5)	Rank	Positive	Normal	Negative
1	Our neighborhood has many medical and welfare facilities (hospitals, clinics, health centers).	Citizens	3.73	3	71.5	21.5	7.0
		Seniors	3.81	1	78.2	20.3	1.5
2	Our neighborhood is close to medical and welfare facilities (hospitals, clinics, health centers).	Citizens	3.90	1	76.7	18.2	5.1
		Seniors	3.72	2	68.5	29.6	1.9
3	Medical and welfare facilities in our neighborhood can be used with a simple procedure.	Citizens	3.79	2	66.4	26.6	7.0
		Seniors	3.67	4	60.9	36.1	3.0
4	There are many chances to take health education and fitness classes, etc. in mapo-gu.	Citizens	3.56	7	53.7	39.3	7.0
		Seniors	3.52	5	50.5	44.7	4.8
5	It is easy to access information about medical and welfare facilities in Mapo-gu.	Citizens	3.60	5	58.4	37.4	4.2
		Seniors	3.52	6	53.3	41.4	5.3
6	People can receive appropriate services in Mapo-gu when they need cares due to health problems.	Citizens	3.67	4	71.0	21.5	7.5
		Seniors	3.51	7	54.1	43.0	2.9
7	You have neighbors to help you when you are in need.	Citizens	3.58	6	62.2	32.2	5.6
		Seniors	3.71	3	68.2	29.8	2.0

Survey of age-friendliness in Mapo-gu : 5. Social participation

(Unit: points, rank, %)

No	Social participation	Category	Average (5)	Rank	Positive	Normal	Negative
1	Many events and attractions are held in our neighborhood.	Citizens	3.61	1	88.4	5.1	6.5
		Seniors	3.53	1	61.5	29.4	9.1
2	Mapo-gu sufficiently provides seniors with information about events.	Citizens	3.61	1	82.7	10.8	6.5
		Seniors	3.48	2	53.9	36.9	9.2
3	Our neighborhood has enough leisure facilities(senior welfare center, fitness facilities, etc.).	Citizens	3.53	4	60.8	32.2	7.0
		Seniors	3.47	4	47.2	46.7	6.1
4	Mapo-gu has many good programs and activities that seniors can participate	Citizens	3.49	5	56.2	34.4	9.4
		Seniors	3.39	5	46.9	44.4	8.7
5	Mobility services are provided for seniors or the disabled who have difficulty moving around.	Citizens	3.56	3	59.6	29.1	11.3
		Seniors	3.48	2	54.8	37.9	7.3

Survey of age-friendliness in Mapo-gu :
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 Mapo-gu.	Citizens	3.57	3	54.1	42.1	3.8
		Seniors	3.40	1	56.1	33.6	10.3
2	Volunteer institutions in Mapo-gu consider seniors' characteristics.	Citizens	3.65	1	61.3	30.6	8.1
		Seniors	3.35	4	46.0	40.2	13.8
3	Mapo-gu has sufficient and proper jobs for seniors.	Citizens	3.53	5	52.5	37.6	9.9
		Seniors	3.34	5	43.6	44.2	12.2
4	Mapo-gu provides seniors with education and consulting for start-up and re-employment from experts after retirement.	Citizens	3.51	6	48.1	45.3	6.6
		Seniors	3.40	1	47.2	42.7	10.1
5	Mapo-gu has many service institutions to receive employment and start-up information.	Citizens	3.56	4	58.1	35.2	6.7
		Seniors	3.29	6	44.6	42.8	12.6
6	Companies in Mapo-gu have a high level of awareness toward the employment of seniors.	Citizens	3.60	2	61.8	34.4	3.8
		Seniors	3.39	3	52.5	35.2	12.3

Survey of age-friendliness in Mapo-gu : 7. Respect and social inclusion

(Unit: points, rank, %)

No	Respect and social inclusion	Category	Average (5)	Rank	Positive	Normal	Negative
1	Mapo-gu continuously seeks opinions to provide necessary policies to seniors.	Citizens	3.67	3	68.7	27.5	3.8
		Seniors	3.45	3	59.2	34.3	6.5
2	People(civil servants etc) who provide services to seniors in Mapo-gu are polite.	Citizens	3.91	1	80.2	16.0	3.8
		Seniors	3.49	1	51.3	42.5	6.2
3	Citizens at Mapo-gu respect seniors and behave politely.	Citizens	3.71	2	66.3	27.6	6.1
		Seniors	3.48	2	51.6	41.3	7.1
4	There are many chances for seniors to pass on their knowledge and experiences to younger generation as advisors.	Citizens	3.54	7	49.9	45.8	4.3
		Seniors	3.32	7	45.3	39.9	14.8
5	Mapo-gu tries to build a positive image of seniors.	Citizens	3.65	4	58.7	35.7	5.6
		Seniors	3.33	6	46.6	41.0	12.4
6	Public institutions in Mapo-gu provide education about seniors and old age.	Citizens	3.65	4	61.5	33.3	5.2
		Seniors	3.35	5	44.6	45.2	10.2
7	Mapo-gu has many events and programs that various generations can participate together.	Citizens	3.52	8	54.9	37.6	7.5
		Seniors	3.27	8	45.2	38.6	16.2
8	Mapo-gu provides appropriate supports to seniors in need.	Citizens	3.59	6	62.9	30.5	6.6
		Seniors	3.40	4	52.3	37.7	10.0

Survey of age-friendliness in Mapo-gu :
8. Communication and information

(Unit: points, rank, %)

No	Communication and information	Category	Average (5)	Rank	Positive	Normal	Negative
1	It is easy and convenient to access various necessary information for daily lives in Mapo-gu.	Citizens	3.83	2	84.1	12.6	3.3
		Seniors	3.70	1	70.1	29.0	0.9
2	Public facilities in Mapo-gu use notice boards with large words and visible colors.	Citizens	3.86	1	79.0	18.7	2.3
		Seniors	3.55	2	55.5	41.0	3.5
3	Public facilities in Mapo-gu use words that are easy for seniors to understand.	Citizens	3.60	5	51.8	43.5	4.7
		Seniors	3.48	3	46.7	46.7	6.6
4	Local information magazines and broadcasting in Mapo-gu include the contents that seniors are interested in.	Citizens	3.64	4	64.3	32.4	3.3
		Seniors	3.43	5	49.2	41.4	9.4
5	In Mapo-gu, you can easily receive education on informatization (computers, smartphones).	Citizens	3.66	3	67.6	29.6	2.8
		Seniors	3.48	3	55.8	36.0	8.2