

〈Data〉

ESTIMATES OF NET INTERNAL MIGRATION FOR KOREA 1955-70

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In this analysis an attempt was made to obtain a series of comparative figures of net internal migration in Korea for quinquennial periods between 1955 and 1970, by adopting the forward census survival ratio method. Two sets of estimation were made: (1) net internal migration for all, urban and rural areas of each province and (2) net internal migration in each city. In order to obtain comparability among the estimates for different periods, the census data were adjusted for (1) boundary and status changes of the areas concerned, (2) the military population in the 1955 census enumerated in the camps, and (3) varying census intervals.

In the following, adjustment procedures of the original data, methods of estimation, and the accuracy of the estimates are discussed in detail.

1. ADJUSTMENT OF CENSUS DATA

Boundary and Status Changes of Unit Areas

Basic spatial units in this estimation are the administrative provinces, the urban and rural areas in each province, and the administratively defined *Shis* (cities)¹. An urban area denotes here an aggregate of *Shis*. During the period 1955-60, there were no changes in the provincial boundaries. However, some areas formerly defined as rural areas were upgraded to the status of urban areas in five out of ten provinces by way of either incorporation into cities or status change to city. Unlike the period 1955-60, there was considerable redrawing of the administrative boundaries between 1960 and 1966. In 1963 all the boundaries of provinces except Jeju, an island province, were readjusted for the first time since the first census in 1925.

In 1963, Busan, the second largest city in Korea, was separated from Gyeongnam province and established as a special city on the level of province. Gangwon, Gyeonggi, Jeonbuk and Gyeongnam lost a significant part of their former areas of jurisdiction. In addition, five new cities were created, thus increasing the total number of cities to 32. Seven other cities were subjected to boundary changes. On the contrary, no boundary or status changes occurred during the intercensal years 1966-70. The percentage gain or loss of all, urban and rural populations in each province resulting from the boundary and status changes during 1955-60 and 1960-66 is presented in Table 1.

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1. Defined as an administrative area with a population of more than 50,000.

Table 1. Percentage Gain or Loss in Population Resulting from Boundary and Status Changes During 1955-66, All, Urban and Rural Areas of Each Province

	Seoul	G.G	G.W	C.B	C.N	J.B	J.N	G.B	G.N	J.J	Total
A. For 1960 census											
Total	—	—	—	—	—	—	—	—	—	—	—
Urban	—	—	—	42.7	—	13.1	4.8	7.8	3.2	—	3.7
Rural	—	—	—	-4.7	—	-2.2	-1.0	-2.2	-1.9	—	-1.4
B. For 1966 census											
Total	9.7	-11.5	-6.6	0.0	5.1	-5.6	-0.1	2.5	—*	—	—
Urban	9.7	12.8	19.0	9.2	25.7	—	-2.6	1.4	8.4*	—	8.2
Rural	—	-19.0	-12.3	-1.4	1.3	-6.6	0.4	2.9	-6.4	—	-4.1

*Busan is included in Gyeongnam.

For the present study, the 1955 and 1960 quinquennial age distributions for each spatial unit were adjusted to conform to their boundaries and status in the censuses of 1960 and 1966 respectively. For a majority of the reclassified areas, the data on population and its age distribution are directly available from the census. For the remaining transferred areas, the population and the age distribution had to be estimated. These areas are of two types; some of the transfers had resulted in changing the rural urban status whereas other transfers had resulted merely in changing the provincial boundaries. The population and the age distribution in the former type of transferred areas were estimated based on the rate of population growth and age structure in the neighbouring rural counties, whereas in the latter type of transferred areas those were estimated on the basis of the rate of population growth and age distribution of the neighbouring *Guns* (counties) in the provinces from which they had been transferred.

Redistribution of the Military Population

The 1955 census enumerated the population on the *de facto* basis, while the censuses of 1960-70 adopted the *de jure* principles of enumeration. The difference in the method of enumeration assumes particular significance in view of the large military population which was an outgrowth of the Korean War. Because of the concentration of the military population in the northern front areas, as indicated by Table 2, the age distribution of population in all spatial units particularly of the males was considerably affected by the difference in the method of enumeration. The military population in the 1955 census was enumerated in the places where they were stationed. On the other hand, following *de jure* principle, the censuses of 1960-70 enumerated the military population in their previous usual place of residence. For the remaining population, the difference in the method of enumeration is not likely to have been of great significance. There is even an argument that a quite significant portion of the 1955 census population was actually enumerated on the *de jure* basis.²

In this estimate the military population of the 1955 census was reallocated to the previous usual place of residence. This redistribution was confined only to the males aged 20-34. The age groups 15-19 and 35-39 were excluded from such adjustment because of insignificant proportions of the military population in these ages. However, there is no

2. Jai-Seuk Choi, *A Study of Korean Family*, Min-joong Su-kwan, Seoul, 1966, p.3. (text in Korean)

Table 2. 'De Facto' Population as a Percentage of the Estimated 'De Jure' Population in Selected Age Groups. Males, Each Province, 1955 Census

	Seoul	K.G	K.W	C.B*	C.N	J.B	J.N	K.B	K.N.	J.J
20-24	80.0	152.6	289.7	61.3	92.8	65.4	65.8	77.2	84.5	316.5
25-29	83.4	140.8	326.0	68.3	88.8	71.5	69.5	80.2	86.9	199.8
30-34	104.9	121.6	180.2	84.1	93.3	89.3	89.5	86.3	93.4	130.9

* Chungbug had the least proportion of the military population at the 1955 census. Therefore the ratios for this province could be regarded as being very close to those of the non-military population to the total population for each age group.

direct information available regarding the previous place of residence of the military population at the 1955 census. The only useful information is the 1956 year-end-count statistics which provide the quinquennial age distributions of the non-military population by province. The *de jure* population of each spatial unit in 1955 was, therefore, estimated on the basis of the following assumption.

$$\frac{R_{ax}}{R_{tx}} = \frac{R'_{ax}}{R'_{tx}},$$

where R_{ax} stands for the sex ratio of the 1955 *de jure* population for the age group x in the spatial unit a , R_{tx} for the sex ratio of the 1955 national population for the age group x , R'_{ax} for the sex ratio of the 1956 year-end-count non-military population for the age group x in the spatial unit a , and R'_{tx} for the sex ratio of the 1956 year-end-count non-military population for the entire nation for the age group x . There is no direct evidence bearing on the validity of this assumption. However, a comparison between the results of the 1960 census and the 1961 year-end-count, both of which used the *de jure* principle, indicates that the above assumption is fairly reasonable. Using the province as unit, correlations were calculated between the age-specific sex ratios of the 1960 census population and the 1961 year-end-count non-military population. The Pearson's coefficients are found to be as high as 0.89 for the age group 20-24, 0.96 for 25-29, and 0.91 for 30-34.

The following formula illustrates the method for obtaining the *de jure* male population by age in each spatial unit:

$$M_{ax} = F_{ax} \cdot R'_{ax} \cdot R_{tx} / R'_{tx},$$

where M_{ax} is the 1955 *de jure* male population for the age group x in the spatial unit a , and F_{ax} is the female population in the 1955 census for the age group x in the spatial unit a .³

Census Intervals

The censuses since 1955 were conducted at varying intervals around five years. The 1955 census took place on 1st September. The 1960 census was conducted as of 1st December. The 1966 and 1970 census were taken as of 1st October. The use of the census survival ratio method for estimating internal migration in this study requires the intervals between two successive censuses to be of exactly five years. Hence, the age distributions as of first October 1955, 1960 and 1965 were estimated according to the following procedures:

3. The results are presented in Tai Hwan Kwon, Hae Young Lee, Yunshik Chang & Eui-Young Yu, *The Population of Korea*, World Population Year/C.I.C. R. E. D. Monograph, Population and Development Studies Center, Seoul National University, Seoul, 1975, pp. 138-9.

- 1) Estimation of the totals as of 1st October 1955, 1960 and 1965 was made using the intercensal population growth rates;
- 2) The proportional age distributions as of 1st October 1955, 1960 and 1965 were interpolated from the proportional age distributions of two successive censuses;
- 3) The estimated total population was prorated over the estimated proportional age distribution.

2. ESTIMATION OF NET MIGRATION BY AGE: FORWARD CENSUS SURVIVAL RATIO METHOD

The volume of net migration for the age group 5-9 and over in each spatial unit was estimated by adopting the following formula:

$$M_{ij} = P^2_{ij} - P^1_{ij-1} \cdot S_{j-1}$$

where M_{ij} stands for the net migration for the j th quinquennial age group in the spatial unit i , P^2 for the population in the second census, P^1 for the population in the first census, and S_{j-1} for the census survival ratio for the nation for the age group $j-1$ in the first census. The estimates were obtained for males and females separately.

The size of net migration in the age group 0-4 was estimated by using the formula:

$$M_{i1} = C \cdot F_i / 2$$

where M_{i1} is the net migration for the first age group (0-4) in the spatial unit i , C is the weighted national child-woman ratio for males and females separately, F_i is the weighted net number of female migrants in the ages 20-49 in the spatial unit i . Considering the high age selectivity of female migrants and its possible effect on the migration estimates, the female population aged 20-49 was weighted in calculating the size of migration for the ages 0-4 by applying the following ratios roughly reflecting the recent Korean patterns of age specific fertility rates:

<u>Age group</u>	<u>Ratio</u>
20-24	3
25-29	6
30-34	6
35-39	5
40-44	2
45-49	1

The rates of net migration for each quinquennial age group were calculated as follows:

$$m_{ij} = M_{ij} / P^2_{ij}$$

where m_{ij} is the rate of net migration for the j th quinquennial age group in the spatial unit i .

3. ACCURACY OF THE ESTIMATES

The estimation of the rates of net internal migration using the census survival ratio method is commonly based on the following major assumptions.⁴

- 1) The national population is closed.
- 2) The age-sex specific mortality rates are the same for each spatial unit as for the nation.

4. K.C. Zachariah, 'A Note on the Census Survival Ratio Method of Estimating Net Migration', *Journal of the American Statistical Association*, Vol. 57, 1962, p. 175.

E.S. Lee and A.S. Lee, 'Internal Migration Statistics for the United States', *Journal of the American Statistical Association*, Vol. 55, 1960, p. 694.

3) The ratio of the coverage of enumeration in a spatial unit to that of the nation is the same for the same birth cohort.

Accordingly the accuracy of the estimated rates of net internal migration is largely dependent upon the validity of these assumptions.

Assumption of Closed Population

Korea has been virtually closed to international migration during 1955-70. According to the statistics on exit and entry, the net loss of population by international movement never exceeded 0.5 per thousand persons annually in this period.

Assumption of Equal Mortality

It is very difficult to determine the extent to which the differential mortality might affect the estimates of net internal migration because of the lack of data on mortality by age for each of the provinces and cities up to 1970. Data on 'deaths during the last one year' from the 1966 Special Demographic Survey⁵ are perhaps the only useful information available concerning the urban-rural differences in mortality. According to this information, the crude death rate in rural areas was higher than that in urban areas by 20 per cent for males and 25 per cent for females. However, when the death rates for the rural and urban areas are standardized on the basis of the age distribution of the national population, the difference in death rate between urban and rural areas is reduced to only three per cent and seven per cent in the case of males and females separately. These figures may be taken to represent the maximum rural-urban difference in mortality under the assumption of the equal coverage of deaths in the SDS enumeration between rural and urban areas and of the rural/urban gap in mortality having gradually widened in the fifties and early sixties. However, it is most likely that the coverage of death enumeration in the SDS was to some extent different between rural and urban areas. Therefore, in order to examine the possible range of variations in the estimates of net migration due to the assumption of equal mortality, it is safe to suppose that the rural/urban difference in mortality is slightly larger than the one indicated by the standardized death rates. Judging from various observations, the variations in the present estimates appear to range mostly between -.3 and .5 per cent point.

Assumption of Equal Ratio of the Degree of Enumeration for a Spatial Unit to That for the Nation for the Same Cohort

The usefulness of this assumption has been discussed in detail by Zachariah.⁶ As he suggested, the validity of this assumption depends mostly upon the 'built in' relationships among the census enumerations. In turn, the built-in relationship is partly related to the degree of homogeneity of culture and social structure in general and the prevalence over the entire nation of specific demographic situations at each census which could have affected the census enumeration. In this respect, Korea may be considered as having a very high degree of built-in relationships among the census enumerations.

5. Ehn Hyun Choi and Jay Soo Park, *Some Findings from the Special Demographic Survey*, Population and Development Studies Center, Seoul National University, Seoul, 1969, pp. 25-27.

6. Zachariah, *op. cit.*, pp. 175-183.

From the cultural point of view, Korea has been an extremely homogeneous country. There are no diversities in language and race. Basically the beliefs and the normative system are similar all over the country. People share basically the same family and community structure. Although Korea is now in the process of rapid social and economic changes, the overall homogeneity of its culture and social structure is almost intact. This could be interpreted as to ensure little differences in the coverage of census enumerations among provinces. Even though some differentials are expected this pattern of difference is expected to have been persistent within the nation, since provinces are usually considered rather as cultural or natural boundaries than as administrative distinctions because they have kept their unique subcultures for hundreds of years. This sort of provincial uniqueness amid the overall national homogeneity is clearly observed with census data over the periods from 1925 to 1970.⁷ It is also found already that there was some difference in the level of enumeration between urban and rural areas. But the pattern is highly consistent among the censuses of 1955-70, and accordingly, the differential level of enumeration is not thought to violate seriously the above assumption.

The comparison of the population data from the census and from other sources also reveals a high degree of relationship in the coverage of population enumeration for the same cohort between a spatial unit and the nation. As mentioned earlier, strong relationships in the age-sex compositions by province could be observed between the 1960 census and the 1961 year-end-count in spite of the considerable differences in the methods of enumeration and their coverage. In general, the Korean census age distributions, including those of 1955-70, are of fairly good quality. Though some misstatements of age could be detected from the censuses of 1955 to 1970, the patterns appear to have been highly consistent.⁸ It may be argued that the deliberate misreporting of age in the 1955 census might have caused a breakdown of the built-in relationship between the censuses of 1955 and 1960. However, considering that the phenomenon was a nation-wide one and judging from the estimates of net internal migration themselves which show very similar age-sex patterns of migration for each of the three quinquennial periods, the deliberate misreporting of age in the 1955 census appears to have affected the results little.

4. TABLES OF ESTIMATES OF NET INTERNAL MIGRATION, 1955-70

In the following the resultant estimates of net internal migration in Korea for each five year period between 1955 and 1970 by quinquennial age groups and sex are presented for all, urban and rural populations in the provinces and for each city.

7. Yunshik Chang, Hae Young Lee, Eui-Young Yu & Tai Hwan Kwon, *A Study of the Korean Population 1966*, Population and Development Studies Center, Seoul National University, Seoul, 1974, pp. 30-41.

8. *Ibid*, pp. 18-30.

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Whole Country

Male

	Urban					
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	26,940	4.74	41,192	6.25	100,985	11.84
5-9	45,968	9.63	57,298	8.25	149,960	18.27
10-14	48,066	11.79	70,391	11.94	171,465	19.85
15-19	92,828	23.66	128,821	24.29	271,859	34.40
20-24	-3,423	-1.12	12,606	2.99	119,640	19.21
25-29	33	0.01	72,478	18.52	180,147	31.61
30-34	17,467	7.90	54,433	16.09	132,182	24.59
35-39	24,780	11.26	24,115	8.84	70,970	17.49
40-44	10,866	6.25	8,501	3.67	35,658	12.10
45-49	1,539	1.11	3,631	1.97	22,883	9.20
50-54	-5,399	-5.19	-546	-0.40	8,748	4.91
55-59	-1,330	-2.15	-2,073	-2.12	6,462	5.06
60-64	-472	-1.10	-858	-1.51	3,372	3.98
65+	-313	-0.61	796	1.14	6,538	7.45
Total	257,550	7.56	470,786	10.07	1,280,869	19.75

Rural

	Rural					
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-26,940	-1.63	-41,192	-2.50	-100,985	-7.34
5-9	-45,968	-3.48	-57,299	-3.61	-149,959	-9.81
10-14	-48,066	-4.44	-70,392	-5.87	-171,465	-12.16
15-19	-92,828	-11.03	-128,821	-15.36	-271,858	-34.72
20-24	3,423	0.43	-12,607	-1.65	-119,640	-17.70
25-29	-33	-0.01	-72,478	-10.67	-180,147	-34.19
30-34	-17,467	-3.63	-54,433	-9.29	-132,182	-23.14
35-39	-24,780	-5.31	-24,115	-5.31	-70,970	-13.94
40-44	-10,866	-2.70	-8,502	-2.06	-35,658	-9.00
45-49	-1,539	-0.42	-3,631	-0.99	-22,882	-6.02
50-54	5,400	1.73	546	0.17	-8,749	-2.66
55-59	1,330	0.56	2,072	0.78	-6,462	-2.31
60-64	472	0.24	858	0.45	-3,372	-1.55
65+	313	0.10	-796	-0.26	-6,538	-2.11
Total	-257,550	-2.84	-470,789	-4.89	-1,280,866	-13.78

Populations of Each Province, by Age Group and Sex, 1955-70

Whole Country

Female

Urban

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	25,526	4.74	38,527	6.23	94,581	11.87
5-9	50,143	11.19	57,693	8.92	132,255	17.46
10-14	52,016	13.58	72,833	13.05	165,830	20.40
15-19	81,770	21.95	121,429	23.56	283,480	35.76
20-24	27,734	8.68	47,071	10.86	177,389	26.43
25-29	29,774	9.99	62,344	14.93	132,651	23.19
30-34	19,654	7.92	26,395	7.68	80,782	16.39
35-39	11,038	5.19	13,709	4.80	50,499	12.91
40-44	8,487	5.70	8,017	3.61	30,838	10.08
45-49	5,886	4.74	7,012	4.23	22,397	9.28
50-54	5,112	5.45	6,778	5.09	17,758	10.17
55-59	2,284	3.18	6,353	5.95	17,543	12.15
60-64	4,209	6.92	5,131	6.67	14,667	13.10
65+	2,874	2.95	9,101	6.67	20,702	11.61
Total	326,508	9.56	482,397	10.35	1,241,373	19.27

Rural

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-25,526	-1.63	-38,527	-2.50	-94,581	-7.33
5-9	-50,143	-4.12	-57,692	-3.92	-132,255	-9.28
10-14	-52,016	-5.41	-72,838	-6.61	-165,829	-12.70
15-19	-81,770	-10.66	-121,429	-15.92	-283,481	-39.25
20-24	-27,734	-3.71	-47,071	-7.14	-177,389	-32.05
25-29	-29,774	-4.49	-62,345	-9.15	-132,652	-24.77
30-4	-19,654	-3.64	-26,394	-4.37	-80,782	-13.66
35-39	-11,038	-2.19	-13,709	-2.66	-50,499	-9.21
40-44	-8,487	-2.06	-8,017	-1.81	-30,838	-6.63
45-49	-5,886	-1.55	-7,012	-1.84	-22,398	-5.41
50-54	-5,113	-1.62	-6,777	-2.02	-17,759	-5.17
55-59	-2,284	-0.86	-6,353	-2.18	-17,543	-5.79
60-64	-4,209	-1.79	-5,131	-2.28	-14,667	-5.84
65+	-2,874	-0.74	-9,101	-2.12	-20,702	-4.47
Total	-326,507	-3.64	-482,397	-5.11	-1,241,373	-13.47

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Seoul

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	29,358	15.00	29,855	12.44	63,106	17.88
5-9	30,871	19.83	38,366	15.34	86,577	26.16
10-14	32,654	24.60	41,288	19.91	89,979	26.52
15-19	58,933	41.32	70,936	36.13	143,746	44.10
20-24	25,077	20.59	29,393	16.43	101,456	35.27
25-29	13,797	14.98	44,722	26.63	107,192	39.36
30-34	20,923	25.50	32,218	23.12	73,889	29.81
35-39	23,285	28.01	16,063	14.66	41,563	23.16
40-44	13,649	20.64	8,283	9.05	22,569	17.81
45-49	7,360	14.37	5,493	7.47	16,238	15.39
50-54	2,611	6.98	3,030	5.84	7,873	10.43
55-59	2,196	10.84	2,269	6.22	6,040	11.54
60-64	1,277	10.12	911	4.70	3,558	10.46
65+	1,575	10.66	3,436	16.06	5,300	16.81
Total	263,567	21.82	326,264	18.29	769,085	27.84

Busan

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-4,081	-4.18	1,291	1.34	14,456	11.26
5-9	1,402	1.61	2,094	1.96	20,843	17.57
10-14	-684	-1.01	171	0.19	17,597	14.18
15-19	8,226	13.39	10,189	13.59	32,730	29.17
20-24	-10,188	-21.47	-3,116	-5.39	15,380	17.79
25-29	-7,487	-17.76	9,610	16.92	30,012	36.01
30-34	-4,351	-10.70	5,231	10.14	21,233	26.52
35-39	-1,708	-4.34	150	0.35	9,366	15.50
40-44	-2,729	-9.23	-1,786	-4.91	3,840	8.55
45-49	-5,090	-21.89	-1,425	-5.18	1,626	4.38
50-54	-5,155	-30.03	-1,703	-8.56	-96	-0.38
55-59	-1,757	-18.21	-1,945	-14.03	-240	-1.37
60-64	-740	-10.73	-457	-5.76	-122	-1.07
65+	-1,095	-15.87	-762	-8.60	237	2.15
Total	-35,437	-6.14	17,541	2.53	166,861	17.74

Populations of Each Province, by Age Group and Sex, 1955-70

Seoul

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	27,817	14.98	27,924	12.42	59,104	17.95
5-9	35,124	24.05	38,391	16.43	76,823	25.26
10-14	35,485	27.74	47,294	23.48	96,605	29.25
15-19	57,349	40.74	76,731	37.03	168,095	47.78
20-24	32,631	26.74	39,539	21.27	118,524	37.39
25-29	29,360	26.29	40,216	23.22	78,941	29.52
30-34	20,939	23.06	19,291	14.03	50,162	22.69
35-39	13,992	18.45	10,509	9.59	31,259	18.66
40-44	10,612	19.76	9,452	11.28	20,349	16.17
45-49	8,040	17.99	7,528	11.82	15,942	16.16
50-54	6,099	18.48	7,853	15.31	13,363	18.17
55-59	3,040	12.44	6,735	16.69	12,467	20.33
60-64	4,382	22.81	4,434	15.73	9,851	21.13
65+	4,887	15.46	7,715	16.58	13,447	19.59
Total	289,758	24.00	343,612	19.23	764,932	27.68

Busan

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-3,867	-4.17	1,208	1.35	13,539	11.32
5-9	1,676	2.03	2,485	2.50	19,134	17.44
10-14	2,441	3.75	1,416	1.63	17,736	15.13
15-19	5,194	8.60	10,207	13.81	33,324	29.60
20-24	-1,442	-2.65	2,080	3.37	24,860	25.98
25-29	-2,715	-5.07	5,259	8.35	22,134	26.16
30-34	-4,194	-9.38	-598	-1.12	10,713	14.71
35-39	-3,437	-9.19	-1,205	-2.65	5,462	9.34
40-44	-2,285	-9.65	-1,953	-5.73	3,094	6.60
45-49	-1,814	-9.52	-285	-1.21	2,515	6.95
50-54	-864	-6.00	-163	-0.89	1,424	6.01
55-59	-679	-6.18	-113	-0.77	-1,849	9.55
60-64	-72	-0.74	387	3.61	1,444	9.77
65+	-1,322	-9.32	224	1.20	2,288	9.52
Total	-13,380	-2.30	18,948	2.73	159,516	17.05

Table I. Estimates of Net Internal Migration for All, Urban and Rural
Gyeonggi Male

	All					
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	5,307	2.09	5,740	2.33	2,560	1.12
5-9	-3,682	-1.93	-2,293	-0.94	1,912	0.76
10-14	-1,753	-1.20	2,872	1.58	-2,447	-1.01
15-19	3,759	2.88	-6,026	-4.78	-3,588	-2.29
20-24	6,179	5.05	7,978	6.40	9,926	7.67
25-29	10,558	10.33	4,103	3.56	4,688	3.92
30-34	7,286	9.30	4,281	4.08	6,900	5.46
35-39	7,176	9.33	3,199	4.12	735	0.70
40-44	130	0.19	2,052	2.97	-1,081	-1.49
45-49	579	0.94	2,754	4.35	1,515	2.20
50-54	2,528	5.16	-60	-0.11	467	0.79
55-59	1,128	3.36	652	1.57	1,555	3.18
60-64	360	1.48	95	0.36	48	0.14
65+	519	1.44	-973	-2.61	-455	-1.12
Total	40,074	2.92	24,372	1.61	22,734	1.35
Urban						
0-4	1,192	2.76	3,002	5.85	6,915	11.53
5-9	1,633	4.86	2,295	4.34	9,024	14.73
10-14	1,066	3.77	3,444	8.32	8,760	14.24
15-19	3,499	13.45	4,945	14.55	11,950	24.72
20-24	-415	-1.93	2,278	7.52	8,364	20.60
25-29	392	2.23	3,305	12.10	11,134	28.49
30-34	926	6.07	3,297	13.18	10,150	26.40
35-39	2,046	12.85	2,065	10.42	4,357	14.96
40-44	520	3.94	561	3.24	1,868	9.03
45-49	-165	-1.51	277	1.92	1,613	8.72
50-54	-251	-3.05	-351	-3.25	537	3.88
55-59	-112	-2.30	-437	-5.63	634	6.17
60-64	-195	-6.25	-338	-7.84	129	1.95
65+	-218	-5.73	-185	-3.57	374	5.75
Total	9,917	4.04	24,158	7.07	75,809	16.67
Rural						
0-4	4,116	1.95	2,738	1.40	-4,355	-2.60
5-9	-5,314	-3.38	-4,588	-2.39	-7,113	-3.71
10-14	-2,819	-2.39	-572	-0.41	-11,206	-6.23
15-19	259	0.25	-10,971	-11.92	-15,538	-14.35
20-24	6,593	6.54	5,699	6.04	1,562	1.76
25-29	10,166	12.02	798	0.91	-6,446	-8.00
30-34	6,360	10.09	984	1.23	-3,250	-3.70
35-39	5,130	8.41	1,133	1.96	-3,622	-4.81
40-44	-390	-0.71	1,490	2.88	-2,949	-5.67
45-49	745	1.47	2,476	5.06	-98	-0.19
50-54	2,779	6.82	291	0.69	-70	-0.16
55-59	1,240	4.32	1,089	3.22	921	2.39
60-64	556	2.62	433	1.95	-81	-0.29
65+	737	2.29	-788	-2.46	-829	-2.43
Total	30,158	2.67	214	0.02	-53,075	-4.32

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Gyeonggi

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	5,029	2.07	5,368	2.30	2,398	1.12
5-9	-2,948	-1.65	-3,786	-1.64	1,807	0.76
10-14	-1,517	-1.14	240	0.14	-3,205	-1.41
15-19	5,039	4.05	-1,385	-1.18	-2,987	-1.96
20-24	11,626	9.33	14,388	11.56	15,857	12.21
25-29	3,428	3.09	5,167	4.11	3,052	2.36
30-34	3,342	3.89	2,737	2.63	-521	-0.42
35-39	2,133	2.69	2,525	3.01	-1,708	-1.69
40-44	1,410	2.25	1,063	1.50	-139	-0.17
45-49	1,214	2.14	1,290	2.17	553	0.79
50-54	1,438	3.20	139	0.27	431	0.76
55-59	335	0.94	-154	-0.37	378	0.77
60-64	-303	-1.07	-206	-0.68	-489	-1.30
65+	1,238	2.48	-709	-1.32	-503	-0.82
Total	31,463	2.32	26,677	1.78	14,923	0.89

Urban

0-4	1,129	2.71	2,808	5.70	6,477	11.38
5-9	252	0.79	1,821	3.64	7,651	13.32
10-14	885	3.42	2,857	7.30	8,260	14.18
15-19	4,207	17.11	4,607	14.32	14,428	28.78
20-24	2,167	9.79	4,430	14.34	13,478	30.43
25-29	1,523	7.02	5,015	16.09	9,602	23.47
30-34	666	3.83	1,552	6.03	5,315	14.73
35-39	38	0.25	678	3.31	2,561	9.13
40-44	217	1.97	-88	-0.55	1,629	7.64
45-49	-8	-0.08	-138	-1.14	1,182	6.96
50-54	161	2.34	-26	-0.27	1,238	9.77
55-59	-24	-0.47	-122	-1.59	937	9.19
60-64	-100	-2.40	26	0.48	766	9.88
65+	-22	-0.34	2	0.02	1,147	9.67
Total	11,094	4.55	23,421	6.91	74,670	16.49

Rural

0-4	3,899	1.94	2,561	1.39	-4,078	-2.59
5-9	-3,199	-2.18	-5,607	-3.11	-5,844	-3.24
10-14	-2,402	-2.23	-2,618	-2.00	-11,465	-6.80
15-19	832	0.83	-5,991	-6.97	-17,415	-17.04
20-24	9,458	9.23	9,958	10.64	2,380	2.81
25-29	1,905	2.14	152	0.16	-6,551	-7.42
30-34	2,676	3.90	1,185	1.51	-5,835	-6.68
35-39	2,095	3.28	1,847	2.91	-4,268	-5.82
40-44	1,192	2.31	1,151	2.11	-1,768	-2.99
45-49	1,221	2.56	1,428	3.02	-629	-1.18
50-54	1,277	3.35	165	0.40	-807	-1.84
55-59	358	1.18	-32	-0.09	-559	-1.45
60-64	-204	-0.85	-231	-0.93	-1,255	-4.19
65+	1,206	2.90	-711	-1.60	-1,652	-3.33
Total	20,369	1.83	3,257	0.28	-59,746	-4.91

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Gangweon

Male

	All					
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	6,458	4.04	1,600	1.01	-4,218	-2.88
5-9	3,037	2.62	-3,899	-2.58	-11,338	-7.53
10-14	1,857	2.44	-2,860	-2.72	-10,914	-7.83
15-19	3,442	4.40	3,183	4.74	-7,089	-8.29
20-24	2,244	3.05	2,403	3.36	-4,720	-8.00
25-29	8,457	14.04	4,769	6.61	-1,461	-2.26
30-34	11,843	24.12	267	0.43	-3,710	-5.23
35-39	9,463	19.25	-1,547	-3.36	-5,319	-9.58
40-44	1,704	4.07	-987	-2.33	-4,276	-10.84
45-49	2,220	5.96	-185	-0.49	-2,949	-7.70
50-54	49	0.16	114	0.36	-1,492	-4.54
55-59	344	1.71	-198	-0.79	-1,273	-4.74
60-64	-78	-0.51	414	2.62	-919	-4.60
65+	-60	-0.27	346	1.52	-979	-4.12
Total	50,980	6.14	3,420	0.38	-60,658	-6.36
Urban						
0-4	513	2.54	967	3.84	817	3.16
5-9	656	4.30	624	2.41	1,891	6.87
10-14	964	8.93	1,799	8.80	3,637	12.33
15-19	2,378	19.67	2,103	14.63	3,582	16.63
20-24	-666	-7.23	-1,285	-9.98	-654	-5.04
25-29	-57	-0.72	2,640	21.53	1,552	11.56
30-34	1,517	21.19	1,446	13.19	1,648	11.48
35-39	1,115	16.66	559	6.05	752	6.48
40-44	-118	-2.13	523	6.34	28	0.32
45-49	98	2.15	188	2.77	273	3.29
50-54	-298	-8.30	-45	-0.88	58	0.92
55-59	-27	-1.21	-113	-2.92	45	0.96
60-64	-12	-0.80	-66	-2.86	-37	-1.15
65+	48	2.20	-192	-6.50	-22	-0.65
Total	6,111	5.61	9,149	5.70	13,569	7.09
Rural						
0-4	5,945	4.25	634	0.47	-5,035	-4.17
5-9	2,381	2.37	-4,523	-3.62	-13,229	-10.75
10-14	892	1.36	-4,659	-5.49	-14,551	-13.25
15-19	1,064	1.61	1,079	2.05	-10,671	-16.69
20-24	2,910	4.52	3,688	6.28	-4,065	-8.84
25-29	8,514	16.26	2,129	3.36	-3,013	-5.88
30-34	10,326	24.61	-1,179	-2.34	-5,358	-9.46
35-39	8,347	19.66	-2,106	-5.73	-6,071	-13.83
40-44	1,822	5.01	-1,509	-4.43	-4,305	-14.04
45-49	2,122	6.49	-373	-1.22	-3,222	-10.74
50-54	347	1.28	160	0.60	-1,549	-5.84
55-59	371	2.07	-85	-0.40	-1,318	-5.93
60-64	-66	-0.48	479	3.55	-882	-5.26
65+	-108	-0.53	538	2.73	-957	-4.69
Total	44,867	6.22	-5,727	-0.76	-74,227	-9.74

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Gangweon

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	6,119	3.98	1,497	1.00	-3,951	-2.88
5-9	1,431	1.33	-5,134	-3.68	-11,200	-8.01
10-14	1,572	2.32	-3,378	-3.46	-12,260	-9.63
15-19	463	0.68	1,017	1.70	-12,360	-16.14
20-24	8,826	12.19	6,428	9.65	-1,642	-2.95
25-29	7,488	11.40	2,817	3.83	-1,857	-2.83
30-34	3,698	7.14	-1,024	-1.70	-6,052	-9.09
35-39	2,640	5.58	-148	-0.30	-5,691	-10.56
40-44	986	2.60	255	0.62	-2,967	-6.72
45-49	987	2.92	-85	-0.25	-3,012	-7.97
50-54	167	0.63	215	0.73	-1,156	-3.71
55-59	495	2.48	-388	-1.66	-2,028	-7.82
60-64	160	0.98	108	0.66	-887	-4.35
65+	-360	-1.39	-949	-3.51	-2,334	-7.82
Total	34,656	4.36	1,232	0.14	-67,400	-7.39

Urban

0-4	486	2.54	904	3.80	765	3.19
5-9	680	4.78	1,189	4.87	1,617	6.29
10-14	1,099	11.15	1,706	9.08	2,912	10.66
15-19	1,454	13.44	2,289	16.86	3,964	18.79
20-24	694	6.97	927	6.93	1,122	7.95
25-29	460	4.90	1,342	9.83	973	6.69
30-34	394	5.13	733	6.32	970	6.72
35-39	243	3.73	386	4.02	299	2.53
40-44	34	0.69	343	4.49	437	4.51
45-49	223	5.17	109	1.83	-6	-0.08
50-54	128	3.81	44	0.89	260	4.41
55-59	275	10.88	-72	-1.82	99	2.05
60-64	125	6.46	-56	-2.01	171	4.57
65+	-5	-0.17	-133	-3.00	132	2.41
Total	6,290	5.84	9,713	6.13	13,715	7.21

Rural

0-4	5,633	4.19	593	0.47	-4,716	-4.16
5-9	751	0.80	-6,323	-5.49	-12,817	-11.24
10-14	474	0.82	-5,084	-6.46	-15,173	-15.19
15-19	-991	-1.73	-1,272	-2.75	-16,325	-29.41
20-24	8,133	13.02	5,501	10.34	-2,764	-6.66
25-29	7,027	12.49	1,476	2.46	-2,830	-5.54
30-34	3,304	7.49	-1,757	-3.62	-7,022	-13.47
35-39	2,396	5.88	-535	-1.36	-5,990	-14.23
40-44	952	2.89	-89	-0.26	-3,404	-9.87
45-49	764	2.60	-194	-0.69	-3,006	-9.94
50-54	39	0.17	171	0.70	-1,417	-5.61
55-59	220	1.26	-316	-1.63	-2,128	-10.07
60-64	35	0.24	164	1.19	-1,059	-6.36
65+	-355	-1.55	-815	-3.61	-2,466	-10.10
Total	28,367	4.13	-8,481	-1.20	-81,116	-11.24

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Chungbug

Male

All						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-2,506	-1.91	-2,462	-1.85	-7,533	-6.97
5-9	-5,633	-5.47	-5,082	-3.93	-11,734	-9.47
10-14	-3,954	-5.40	-4,534	-4.62	-10,393	-8.78
15-19	-6,701	-10.38	-3,730	-5.87	-17,047	-24.64
20-24	165	0.26	-1,458	-2.40	-10,826	-21.89
25-29	-4,261	-9.37	-5,322	-9.63	-13,943	-33.12
30-34	-4,200	-12.22	-2,373	-5.12	-10,230	-21.76
35-39	-2,681	-7.62	-1,129	-3.28	-6,333	-16.02
40-44	-243	-0.76	-6	-0.02	-1,907	-6.19
45-49	429	1.41	-110	-0.36	-1,826	-6.01
50-54	517	2.05	214	0.77	-674	-2.47
55-59	239	1.25	391	1.75	-387	-1.60
60-64	83	0.57	-374	-2.44	-269	-1.46
65+	50	0.22	-187	-0.80	-442	-1.81
Total	-28,695	-4.14	-26,161	-3.38	-93,545	-12.42

Urban						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-259	-3.30	-78	-0.53	419	2.74
5-9	89	1.31	142	0.88	1,551	9.30
10-14	514	8.39	975	6.91	2,475	13.28
15-19	386	6.98	1,360	12.36	2,536	16.98
20-24	-1,073	-26.67	-1,422	-17.33	-1,523	-17.08
25-29	-718	-25.74	-234	-3.18	350	4.23
30-34	-273	-10.68	164	2.58	800	9.53
35-39	-190	-7.15	106	2.13	385	5.78
40-44	-6	-0.28	-90	-1.93	239	4.81
45-49	-90	-5.08	-293	-7.57	-102	-2.30
50-54	-66	-4.54	-124	-3.88	-83	-2.39
55-59	-130	-14.99	-197	-8.34	-38	-1.36
60-64	-13	-1.96	-112	-7.75	22	1.12
65+	-32	-3.70	-46	-2.26	91	3.88
Total	-1,860	-4.03	153	0.15	7,122	6.06

Rural						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-2,247	-1.83	-2,384	-2.01	-7,953	-8.57
5-9	-5,722	-5.94	-5,224	-4.63	-13,285	-12.39
10-14	-4,469	-6.67	-5,508	-6.56	-12,868	-12.91
15-19	-7,087	-12.01	-5,090	-9.69	-19,583	-36.10
20-24	1,239	2.12	-36	-0.07	-9,303	-22.95
25-29	-3,542	-8.30	-5,088	-10.62	-14,294	-41.81
30-34	-3,927	-12.34	-2,536	-6.34	-11,030	-28.56
35-39	-2,491	-7.66	-1,235	-4.19	-6,717	-20.43
40-44	-237	-0.79	84	0.29	-2,147	-8.30
45-49	519	1.81	182	0.69	-1,724	-6.65
50-54	582	2.46	338	1.38	-591	-2.48
55-59	369	2.02	588	2.95	-349	-1.63
60-64	95	0.69	-262	-1.88	-291	-1.78
65+	82	0.38	-141	-0.66	-533	-2.41
Total	-26,835	-4.15	-26,314	-3.91	-100,668	-15.83

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Chungbug

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-2,375	-1.95	-2,303	-1.87	-7,056	-7.02
5-9	-6,755	-7.16	-4,101	-3.46	-10,063	-8.79
10-14	-4,263	-6.65	-4,911	-5.57	-11,824	-11.09
15-19	-6,865	-12.10	-6,280	-11.49	-22,618	-38.52
20-24	-2,755	-4.90	-3,101	-6.05	-14,166	-37.10
25-29	-2,757	-5.56	-4,379	-8.18	-9,829	-23.31
30-34	-1,210	-2.97	-607	-1.26	-5,705	-12.11
35-39	-1,559	-4.04	-1,064	-2.64	-3,765	-8.55
40-44	-1,022	-3.13	-246	-0.69	-1,933	-5.25
45-49	-688	-2.29	-714	-2.29	-1,946	-5.87
50-54	-185	-0.76	-502	-1.83	-1,376	-4.89
55-59	-183	-0.94	-657	-2.84	-1,637	-6.70
60-64	-370	-2.31	-649	-3.85	-1,270	-6.40
65+	-1,437	-5.24	-727	-2.37	-2,266	-6.90
Total	-32,424	-4.82	-30,247	-4.07	-95,454	-13.13

Urban

0-4	-246	-3.52	-73	0.52	393	2.81
5-9	111	1.76	252	2.72	1,194	7.78
10-14	338	6.25	627	4.84	1,713	10.46
15-19	169	3.46	547	5.82	1,320	10.14
20-24	-849	-2.30	-1,030	-14.39	-905	-11.19
25-29	-240	-6.95	280	3.69	986	11.96
30-34	94	2.96	54	0.81	574	7.13
35-39	-139	-4.81	-18	-0.30	456	6.48
40-44	-153	-7.07	-70	-1.41	45	0.79
45-49	20	1.06	-135	-3.37	-90	-1.86
50-54	90	6.26	-201	-6.21	-91	-2.46
55-59	-89	-8.66	-123	-4.84	-31	-1.01
60-64	-6	-0.66	10	0.54	47	2.00
65+	8	0.54	-10	-0.28	71	1.80
Total	-892	-1.95	104	0.11	5,682	5.00

Rural

0-4	-2,129	-1.85	-2,230	-2.04	-7,448	-8.61
5-9	-6,867	-7.80	-4,353	-4.19	-11,256	-11.35
10-14	-4,600	-7.83	-5,532	-7.25	-13,537	-14.99
15-19	-7,034	-13.56	-6,827	-15.09	-23,939	-52.38
20-24	-1,906	-3.63	-2,071	-4.69	-13,261	-44.07
25-29	-2,517	-5.46	-4,659	-10.14	-10,814	-31.88
30-34	-1,304	-3.47	-660	-1.59	-6,280	-16.08
35-39	-1,421	-3.98	-1,045	-3.04	-4,221	-11.41
40-44	-869	-2.85	-175	-0.58	-1,978	-6.35
45-49	-707	-2.51	-577	-2.13	-1,857	-6.55
50-54	-275	-1.19	-303	-1.25	-1,285	-5.26
55-59	-94	-0.51	-535	-2.59	-1,606	-7.51
60-64	-364	-2.40	-659	-4.40	-1,317	-7.53
65+	-1,445	-5.57	-717	-2.63	-2,337	-8.09
Total	-31,532	-5.03	-30,345	-4.70	-101,135	-16.49

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Chungnam

Male

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-4,662	-2.02	-7,685	-3.20	-11,879	-5.86
5-9	-3,963	-2.13	-6,806	-2.84	-11,294	-4.84
10-14	-3,534	-2.22	-11,103	-5.95	-14,566	-6.49
15-19	-9,434	-7.79	-17,819	-13.05	-31,431	-23.70
20-24	-2,509	-2.25	-6,476	-5.52	-19,044	-17.23
25-29	-1,599	-1.82	-12,416	-12.46	-25,820	-31.30
30-34	-3,639	-5.44	-9,203	-10.32	-14,505	-16.35
35-39	-3,491	-5.37	-4,909	-7.08	-7,007	-8.63
40-44	-1,737	-3.09	-1,049	-1.67	-3,057	-4.87
45-49	-367	-0.71	-1,811	-3.31	-2,473	-4.22
50-54	990	2.35	-1,231	-2.57	-270	-0.54
55-59	-18	-0.06	138	0.36	-527	-1.25
60-64	308	1.21	-1,198	-4.39	-482	-1.52
65+	472	1.30	-415	-1.02	-369	-0.85
Total	-33,182	-2.61	-81,984	-5.65	-142,725	-9.88

Urban

0-4	1,187	5.89	1,106	3.95	2,849	8.70
5-9	1,763	10.54	1,601	5.30	5,688	16.63
10-14	2,090	14.43	2,789	10.93	6,786	18.39
15-19	2,230	17.93	2,849	13.77	8,501	27.49
20-24	-23	-0.25	-575	-3.39	3,057	13.48
25-29	372	4.95	1,253	9.09	4,726	25.25
30-34	815	13.34	1,267	10.21	3,881	21.37
35-39	972	13.25	807	7.81	2,418	16.46
40-44	769	13.29	350	3.81	1,426	12.68
45-49	112	2.38	-28	-0.38	771	7.93
50-54	-33	-0.94	-152	-2.68	190	2.76
55-59	34	1.72	-301	-7.48	177	3.37
60-64	95	6.89	-153	-6.48	72	2.21
65+	323	16.96	-354	-11.53	219	5.90
Total	10,705	9.37	10,521	5.61	40,763	16.35

Rural

0-4	-5,848	-2.78	-8,790	-4.14	-14,728	-8.67
5-9	-5,727	-3.38	-8,407	-4.01	-16,982	-8.53
10-14	-5,624	-3.88	-13,892	-8.62	-21,351	-11.39
15-19	-11,665	-10.73	-20,668	-17.83	-39,932	-39.26
20-24	-2,486	-2.43	-5,961	-5.83	-22,102	-25.16
25-29	-1,971	-2.46	-13,670	-15.92	-30,546	-47.90
30-34	-4,454	-7.47	-10,470	-13.64	-18,387	-26.70
35-39	-4,462	-7.73	-5,715	-9.69	-9,425	-14.16
40-44	-2,505	-4.98	-1,399	-2.62	-4,483	-8.69
45-49	-478	-1.02	-1,783	-3.77	-3,245	-6.63
50-54	1,023	2.65	-1,079	-2.56	-460	-1.07
55-59	-52	-0.17	438	1.27	-704	-1.91
60-64	214	0.89	-1,046	-4.19	-555	-1.96
65+	149	0.43	-61	-0.16	-587	-1.48
Total	-43,885	-3.79	-92,503	-7.33	-183,488	-15.35

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Chungnam

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-4,417	-2.02	-7,187	-3.20	-11,126	-5.86
5-9	-2,670	-1.55	-5,701	-2.56	-9,993	-4.61
10-14	-4,714	-3.33	-12,340	-7.24	-16,347	-7.93
15-19	-10,145	-9.35	-21,409	-17.80	-37,693	-31.98
20-24	-7,479	-7.33	-11,995	-12.18	-25,422	-28.32
25-29	-4,699	-5.04	-9,696	-9.71	-16,727	-20.13
30-34	-2,717	-3.65	-4,406	-4.78	-7,219	-7.90
35-39	-1,570	-2.24	-3,278	-4.27	-4,924	-5.70
40-44	-1,593	-2.76	-1,435	-2.16	-2,887	-4.06
45-49	-1,253	-2.37	-2,903	-5.12	-2,492	-3.95
50-54	-377	-0.90	-1,498	-3.20	-1,370	-2.62
55-59	-721	-2.04	-1,029	-2.45	-2,189	-4.82
60-64	-1,145	-3.94	-2,128	-6.76	-1,869	-5.14
65+	-135	-0.28	-1,311	-2.27	-1,708	-2.66
Total	-43,634	-3.50	-86,415	-6.13	-141,967	-10.04

Urban

0-4	1,124	5.96	1,035	3.95	2,668	8.75
5-9	2,622	16.42	1,422	5.11	4,746	15.19
10-14	2,078	16.01	1,754	7.53	5,537	16.60
15-19	2,356	19.76	3,073	15.82	8,754	29.18
20-24	531	5.47	667	4.36	3,733	16.71
25-29	1,381	14.98	1,543	10.27	3,809	19.70
30-34	1,125	13.86	970	7.49	2,676	15.29
35-39	469	6.60	611	5.45	1,622	11.22
40-44	501	9.79	283	3.14	1,023	8.67
45-49	188	4.56	-146	-2.19	374	4.03
50-54	91	3.14	-128	-2.40	509	7.44
55-59	77	3.52	-108	-2.65	374	6.82
60-64	83	4.78	-129	-4.53	317	7.86
65+	12	0.43	115	2.19	564	8.63
Total	12,638	11.21	10,961	5.94	36,705	15.12

Rural

0-4	-5,542	-2.78	-8,222	-4.15	-13,794	-8.66
5-9	-5,292	-3.39	-7,124	-3.66	-14,739	-7.94
10-14	-6,792	-5.28	-14,094	-9.57	-21,884	-12.66
15-19	-12,501	-12.93	-24,482	-24.28	-46,447	-52.86
20-24	-8,010	-8.68	-12,662	-15.23	-29,155	-43.24
25-29	-6,079	-7.24	-11,238	-13.24	-20,536	-32.21
30-34	-3,843	-5.80	-5,576	-6.79	-9,895	-13.40
35-39	-2,040	-3.24	-3,888	-5.92	-6,546	-9.10
40-44	-2,094	-3.98	-1,718	-2.99	-3,910	-10.74
45-49	-1,441	-2.96	-2,757	-5.51	-2,866	-5.33
50-54	-468	-1.20	-1,469	-3.29	-1,879	-4.14
55-59	-798	-2.41	-920	-2.43	-2,563	-6.41
60-64	-1,228	-4.49	-1,999	-6.98	-2,187	-6.77
65+	-147	-0.32	-1,426	-2.72	-2,272	-3.94
Total	-56,273	-4.97	-97,376	-7.95	-178,672	-15.26

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Jeonbug

Male

All						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-6,151	-2.82	-5,838	-2.72	-13,476	-7.26
5-9	-2,432	-1.39	-8,810	-4.33	-70,692	-10.47
10-14	-7,870	-4.98	-4,254	-2.68	-17,517	-9.46
15-19	-13,939	-12.31	-15,585	-12.75	-28,157	-25.28
20-24	-10,735	-11.08	-8,718	-9.24	-20,199	-21.09
25-29	-5,967	-7.72	-6,553	-7.92	-20,098	-29.99
30-34	-2,026	-3.05	-4,426	-5.99	-16,027	-22.99
35-39	-6,815	-10.85	-3,631	-5.97	-9,057	-14.12
40-44	-3,596	-6.61	-1,457	-2.67	-4,022	-7.48
45-49	-649	-1.39	-2,015	-4.26	-3,810	-7.72
50-54	-1,552	-3.96	-566	-1.44	-1,726	-4.13
55-59	-1,177	-3.92	-504	-1.58	-2,075	-6.30
60-64	-498	-2.03	-561	-2.48	-1,110	-4.37
65+	-253	-0.75	-308	-0.88	-1,453	-4.07
Total	-63,660	-5.32	-63,227	-5.09	-159,417	-13.12

Urban						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-1,173	-4.04	-242	-0.85	459	1.46
5-9	912	3.60	535	1.76	1,997	6.41
10-14	56	0.23	2,133	7.79	4,998	14.20
15-19	1,392	6.98	2,722	10.75	7,213	23.05
20-24	-4,427	-33.79	-3,542	-22.62	-2,575	-12.26
25-29	-2,295	-22.93	426	3.24	1,288	8.18
30-34	-830	-8.32	1,269	10.58	1,871	12.10
35-39	-1,046	-10.28	251	2.38	1,223	9.34
40-44	-776	-9.30	-110	-1.16	563	5.31
45-49	-581	-8.78	-494	-6.62	-264	-2.96
50-54	-765	-14.50	-280	-4.93	-202	-3.03
55-59	-531	-15.11	-300	-7.00	-242	-5.00
60-64	-263	-10.33	-175	-6.45	-230	-6.85
65+	-355	-11.41	-117	-3.34	-178	-4.65
Total	-10,681	-6.24	2,075	1.06	15,921	6.84

Rural						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-4,979	-2.64	-5,596	-3.01	-13,936	-9.04
5-9	-3,344	-2.24	-9,345	-5.40	-22,689	-13.64
10-14	-7,926	-5.91	-6,387	-4.86	-22,515	-15.01
15-19	-15,330	-16.44	-18,307	-18.80	-35,370	-44.16
20-24	-6,308	-7.53	-5,177	-6.58	-17,623	-23.57
25-29	-3,672	-5.46	-6,979	-10.02	-21,386	-41.71
30-34	-1,196	-2.12	-5,695	-9.19	-17,898	-32.99
35-39	-5,769	-10.96	-3,882	-7.73	-10,280	-20.14
40-44	-2,820	-6.12	-1,348	-2.99	-4,584	-10.63
45-49	-68	-0.17	-1,521	-3.82	-3,545	-8.78
50-54	-787	-2.32	-285	-0.85	-1,523	-4.34
55-59	-1,147	-2.44	-204	-0.74	-1,833	-6.52
60-64	-335	-1.07	-386	-1.94	-881	-3.99
65+	103	0.33	-191	-0.60	-1,275	-4.00
Total	-52,979	-5.17	-65,301	-6.25	-175,339	-17.84

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Jeonbug

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-5,828	-2.84	-5,461	-2.72	-12,622	-7.16
5-9	-4,352	-2.70	-5,717	-3.00	-18,543	-10.05
10-14	-7,482	-5.28	-3,979	-2.71	-17,345	-10.00
15-19	-12,553	-12.25	-15,878	-14.20	-31,951	-31.29
20-24	-9,583	-10.20	-8,999	-10.71	-25,843	-31.79
25-29	-4,619	-5.29	-7,959	-9.47	-18,204	-27.17
30-34	-3,435	-4.64	-2,835	-3.61	-9,515	-12.97
35-39	-4,058	-6.16	-2,591	-3.79	-6,293	-8.80
40-44	-2,683	-4.82	-779	-1.36	-3,928	-6.36
45-49	-1,809	-3.75	-2,185	-4.42	-3,659	-6.91
50-54	-1,402	-3.48	-920	-2.22	-1,924	-4.30
55-59	-413	-1.20	-806	-2.22	-2,776	-7.55
60-64	-686	-2.22	-543	-1.91	-2,242	-7.27
65+	-790	-1.56	91	0.16	-2,321	-3.86
Total	-59,693	-5.01	-58,562	-4.74	-157,166	-12.92

Urban

0-4	-1,111	-4.13	-227	-0.84	430	1.46
5-9	150	0.64	1,490	5.22	1,892	6.49
10-14	530	2.32	1,924	7.62	3,543	11.05
15-19	-235	-1.31	710	3.16	3,987	14.76
20-24	-3,394	-25.02	-2,182	-14.56	-701	-3.37
25-29	-311	-2.37	425	2.95	695	4.38
30-34	-274	-2.32	244	1.85	854	5.67
35-39	-906	-8.77	-253	-2.15	560	4.10
40-44	-548	-6.91	-100	-1.05	48	0.43
45-49	-610	-9.76	-505	-6.97	-311	-3.44
50-54	-324	-6.35	-93	-1.63	37	0.54
55-59	-318	-8.10	-192	-4.03	-188	-3.57
60-64	-218	-6.22	-28	-0.81	116	2.60
65+	-410	-7.09	25	0.37	416	5.21
Total	-7,981	-4.63	1,237	0.63	11,378	4.99

Rural

0-4	-4,718	-2.64	-5,234	-3.01	-13,052	-8.90
5-9	-4,502	-3.27	-7,207	-4.44	-20,435	-13.15
10-14	-8,012	-6.74	-5,904	-4.85	-20,888	-14.78
15-19	-12,318	-14.57	-16,588	-18.56	-35,938	-47.86
20-24	-6,189	-7.70	-6,816	-9.87	-25,141	-41.56
25-29	-4,308	-5.81	-8,384	-12.04	-18,900	-36.98
30-34	-3,161	-5.08	-3,079	-4.71	-10,369	-17.78
35-39	-3,153	-5.67	-2,338	-4.13	-6,853	-11.84
40-44	-2,135	-4.47	-679	-1.42	-3,977	-7.88
45-49	-1,199	-2.86	-1,680	-3.98	-3,347	-7.64
50-54	-1,078	-3.06	-827	-2.31	-1,961	-5.17
55-59	-95	-0.31	-614	-1.95	-2,588	-8.21
60-64	-468	-1.70	-515	-2.06	-2,358	-8.94
65+	-379	-0.85	66	0.13	-2,736	-5.24
Total	-51,713	-5.07	-59,799	-5.75	-168,543	-17.05

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Jeonnam

Male

All						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-6,667	-2.12	-6,540	-1.91	-17,089	-5.56
5-9	1,586	0.61	2,745	0.84	-19,537	-5.95
10-14	-8,134	-3.47	-4,666	-1.84	-19,777	-6.48
15-19	-23,143	-13.33	-14,789	-7.37	-39,038	-21.26
20-24	-10,242	-6.95	-4,372	-2.70	-31,904	-20.12
25-29	-4,587	-4.03	-5,224	-3.78	-31,312	-26.56
30-34	-816	-0.84	-4,112	-3.49	-20,187	-16.40
35-39	-4,110	-4.47	-3,322	-3.42	-8,864	-8.22
40-44	-1,617	-2.21	-2,349	-2.79	-5,127	-5.88
45-49	-707	-1.12	-1,220	-1.78	-3,701	-4.71
50-54	-782	-1.40	228	0.40	-2,343	-3.86
55-59	-937	-2.05	-127	-0.26	-1,387	-2.83
60-64	-572	-1.44	180	0.48	-926	-2.34
65+	1,507	2.58	843	1.32	213	0.33
Total	-59,222	-3.35	-42,727	-2.14	-200,981	-9.99

Urban						
	No.	Rate	No.	Rate	No.	Rate
0-4	357	0.71	1,538	2.92	2,074	3.53
5-9	2,650	6.01	5,310	9.58	6,540	10.87
10-14	4,438	10.56	8,380	16.41	12,847	18.86
15-19	2,895	7.96	12,984	25.74	19,738	30.54
20-24	-5,052	-21.12	-2,789	-9.03	-4,831	-11.23
25-29	-1,664	-9.27	2,361	9.51	3,106	9.83
30-34	1,221	6.75	3,387	15.42	5,079	16.50
35-39	1,708	9.59	1,350	6.91	3,183	12.77
40-44	427	3.12	325	1.96	1,388	6.96
45-49	217	2.04	-184	-1.47	472	2.83
50-54	-254	-2.97	18	0.19	-62	-0.54
55-59	-401	-6.49	-199	-2.83	-193	-2.38
60-64	-287	-6.05	-147	-3.05	-31	-0.54
65+	223	3.35	32	0.44	289	3.60
Total	6,480	2.15	32,365	8.88	49,599	10.97

Rural						
	No.	Rate	No.	Rate	No.	Rate
0-4	-7,023	-2.66	-8,078	-2.79	-19,163	-7.71
5-9	-1,064	-0.49	-2,565	-0.95	-26,077	-9.73
10-14	-12,572	-6.53	-13,046	-6.45	-32,624	-13.75
15-19	-26,038	-18.97	-27,772	-18.47	-58,777	-49.38
20-24	-5,189	-4.21	-1,583	-1.21	-27,073	-23.43
25-29	-2,924	-3.05	-7,585	-6.68	-34,418	-39.88
30-34	-2,038	-2.56	-7,499	-7.82	-25,267	-27.37
35-39	-5,819	-7.84	-4,672	-6.02	-12,048	-14.54
40-44	-2,045	-3.43	-2,675	-3.95	-6,515	-9.68
45-49	-924	-1.77	-1,036	-1.85	-4,173	-6.75
50-54	-528	-1.12	211	0.45	-2,281	-4.63
55-59	-536	-1.36	72	0.17	-1,194	-2.92
60-64	-285	-0.81	326	0.99	-895	-2.65
65+	1,283	2.48	811	1.43	-76	-0.13
Total	-65,702	-4.47	-75,092	-4.60	-250,580	-16.06

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Jeonnam

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-6,317	-2.12	-6,117	-1.92	-16,005	-5.53
5-9	-3,517	-1.47	1,006	0.33	-17,470	-5.73
10-14	-9,719	-4.62	-6,033	-2.61	-21,607	-7.72
15-19	-20,300	-13.06	-18,757	-10.36	-43,072	-25.70
20-24	-13,412	-9.55	-13,336	-9.92	-41,985	-31.95
25-29	-3,932	-3.08	-6,458	-4.66	-20,886	-18.10
30-34	-4,934	-4.56	-4,565	-3.77	-12,001	-9.61
35-39	-2,915	-2.93	-1,734	-1.61	-5,646	-4.93
40-44	-1,733	-2.26	-2,738	-3.11	-4,465	-4.49
45-49	-1,822	-2.62	-1,101	-1.50	-3,275	-3.84
50-54	-2,249	-3.82	-1,898	-3.04	-3,626	-5.50
55-59	296	0.55	-131	-0.22	-2,083	-3.63
60-64	29	0.06	-1,041	-2.21	-2,193	-4.40
65+	815	0.97	599	0.62	-320	-0.30
Total	-69,709	-3.94	-62,353	-3.18	-194,633	-9.77

Urban

0-4	338	0.72	1,439	2.91	1,943	3.50
5-9	2,809	6.85	4,942	9.65	5,107	9.28
10-14	3,888	10.27	6,123	13.39	8,674	14.49
15-19	2,696	8.73	7,685	18.07	13,969	25.09
20-24	-2,557	-10.67	-38	-0.13	355	0.86
25-29	508	2.27	2,607	9.87	2,593	8.28
30-34	1,103	5.37	1,579	6.91	2,666	9.28
35-39	639	3.59	675	3.22	1,903	7.75
40-44	419	3.32	143	0.88	909	4.32
45-49	31	0.29	-85	-0.72	191	1.18
50-54	-119	-1.49	-328	-3.60	-56	-0.50
55-59	239	3.48	262	3.34	278	3.11
60-64	284	4.49	217	3.49	551	7.18
65+	456	4.22	708	5.55	1,067	7.08
Total	10,733	3.62	25,929	7.38	40,149	9.30

Rural

0-4	-6,654	-2.66	-7,555	-2.80	-17,947	-7.66
5-9	-6,326	-3.19	-3,936	-1.57	-22,577	-9.03
10-14	-13,607	-7.88	-12,156	-6.56	-30,281	-13.76
15-19	-22,995	-18.45	-26,442	-19.10	-57,041	-50.97
20-24	-10,855	-9.32	-13,299	-12.54	-42,339	-46.88
25-29	-4,440	-4.22	-9,065	-8.08	-23,479	-27.93
30-34	-6,037	-6.89	-6,144	-6.25	-14,667	-15.26
35-39	-3,554	-4.35	-2,408	-2.77	-7,549	-8.40
40-44	-2,151	-3.35	-2,931	-3.99	-5,374	-6.86
45-49	-1,852	-3.14	-1,016	-1.65	-3,466	-5.02
50-54	-2,130	-4.19	-1,570	-2.94	-3,570	-6.52
55-59	57	0.12	-392	-0.80	-2,361	-4.87
60-64	-254	-0.59	-1258	-3.07	-2,744	-6.52
65+	359	0.49	-109	-0.13	-1,386	-1.52
Total	-80,441	-5.45	-88,281	-5.48	-234,782	-15.04

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Gyeongbug

Male

All						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-6,684	-1.96	-5,093	-1.43	-12,651	-3.97
5-9	-12,346	-4.37	-9,777	-2.78	-16,543	-4.78
10-14	-3,058	-1.30	-5,181	-1.83	-11,223	-3.30
15-19	-7,043	-3.75	-3,816	-1.75	-16,895	-7.29
20-24	4,891	2.82	-5,122	-2.86	-23,277	-12.70
25-29	-3,909	-3.01	-15,769	-9.94	-24,848	-17.70
30-34	-12,659	-12.66	-8,828	-6.59	-18,012	-12.31
35-39	-7,648	-7.62	-248	-0.24	-6,415	-5.08
40-44	-3,229	-3.66	-107	-0.11	-2,221	-2.29
45-49	-1,947	-2.43	-642	-0.75	-2,129	-2.31
50-54	1,126	1.74	795	1.06	832	1.04
55-59	624	1.34	530	0.91	-309	-0.47
60-64	-56	-0.14	1,025	2.56	473	0.96
65+	-1,146	-2.08	-433	-0.69	-517	-0.79
Total	-53,085	-2.76	-52,666	-2.39	-133,735	-5.86

Urban						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,215	1.75	3,941	5.23	6,412	7.00
5-9	4,977	8.06	5,634	7.17	11,779	13.32
10-14	6,299	11.52	9,201	12.89	18,876	19.42
15-19	8,914	17.93	18,207	26.46	31,823	33.66
20-24	-1,175	-3.03	-1,140	-2.46	16	0.02
25-29	-559	-1.83	4,772	11.15	12,358	22.42
30-34	-1,118	-4.42	3,602	9.93	8,579	16.21
35-39	108	0.43	2,547	8.89	5,746	13.79
40-44	-289	-1.42	928	3.80	3,117	10.37
45-49	141	0.81	285	1.44	1,913	7.43
50-54	-331	-2.57	-446	-2.88	744	3.92
55-59	-107	-1.33	-504	-4.60	385	2.71
60-64	-144	-2.30	-130	-1.95	22	0.24
65+	-349	-5.07	-710	-8.54	284	2.86
Total	17,583	4.13	46,188	8.66	102,052	14.69

Rural						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-7,900	-2.90	-9,035	-3.21	-19,063	-8.39
5-9	-17,324	-7.86	-15,411	-5.63	-28,322	-10.99
10-14	-9,357	-5.17	-14,383	-6.80	-30,099	-12.41
15-19	-15,957	-11.55	-22,023	-14.79	-48,718	-35.52
20-24	6,066	4.50	-3,983	-3.00	-23,293	-19.75
25-29	-3,350	-3.37	-20,541	-17.74	-37,206	-43.62
30-34	-11,542	-15.46	-12,430	-12.72	-26,590	-28.48
35-39	-7,756	-10.30	-2,795	-3.67	-12,161	-14.38
40-44	-2,939	-4.32	-1,035	-1.43	-5,337	-7.96
45-49	-2,089	-3.34	-927	-1.41	-4,041	-6.07
50-54	1,457	2.81	1,241	2.09	87	0.14
55-59	731	1.89	1,034	2.18	-694	-1.33
60-64	87	0.26	1,156	3.46	451	1.12
65+	-796	-1.66	278	0.51	-801	-1.44
Total	-70,669	-4.71	-98,855	-5.92	-235,787	-14.85

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Gyeongbug

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-6,334	-1.97	-4,763	-1.44	-11,849	-4.01
5-9	-10,235	-3.95	-10,888	-3.37	-15,034	-4.71
10-14	-4,942	-2.36	-5,011	-1.93	-10,811	-3.46
15-19	-5,686	-3.27	-2,732	-1.37	-17,512	-7.97
20-24	-5,984	-3.66	-6,907	-4.25	-24,026	-14.34
25-29	-9,193	-6.49	-10,023	-6.14	-18,865	-12.93
30-34	-5,105	-4.39	-1,937	-1.39	-9,839	-6.50
35-39	-812	-0.75	30	0.03	-3,473	-2.55
40-44	-2,550	-2.88	-905	-0.89	-2,579	-2.27
45-49	-697	-0.84	-350	-0.40	-2,443	-2.48
50-54	-1,442	-2.17	-1,350	-1.73	-1,420	-1.73
55-59	84	0.16	-831	-1.26	-1,447	-1.99
60-64	-1,488	-3.12	-22	-0.05	-966	-1.63
65+	-2,536	-3.33	-2,166	-2.35	-3,438	-3.48
Total	-56,918	-2.98	-47,826	-2.20	-123,703	-5.44

Urban

0-4	1,152	1.75	3,686	5.24	6,005	7.10
5-9	5,623	9.84	4,631	6.37	10,311	12.65
10-14	4,903	9.78	8,494	12.84	16,691	18.67
15-19	7,065	15.15	15,249	24.18	28,208	31.85
20-24	1,790	4.36	5,419	10.89	11,441	15.92
25-29	634	1.77	4,528	9.67	7,013	12.20
30-34	798	2.72	2,640	6.99	4,527	8.92
35-39	1,207	4.58	2,372	7.39	5,095	11.99
40-44	222	1.18	756	3.02	2,737	8.14
45-49	212	1.30	553	2.92	1,952	7.22
50-54	296	2.35	232	1.47	1,150	5.94
55-59	333	3.46	199	1.56	1,315	8.03
60-64	2	0.03	177	1.95	982	7.77
65+	-391	-3.05	426	2.62	1,184	5.95
Total	23,846	5.53	49,383	9.19	98,613	14.18

Rural

0-4	-7,485	-2.93	-8,450	-3.24	-17,854	-8.48
5-9	-15,858	-7.85	-15,520	-6.20	-25,346	-10.65
10-14	-9,844	-6.19	-13,505	-6.97	-27,502	-12.32
15-19	-12,751	-10.02	-17,981	-13.14	-45,720	-34.87
20-24	-7,774	-6.34	-12,326	-10.93	-35,467	-37.08
25-29	-9,826	-9.28	-14,552	-12.50	-25,877	-29.25
30-34	-5,903	-6.79	-4,597	-4.45	-14,366	-14.29
35-39	-2,020	-2.47	-2,342	-2.64	-8,569	-9.14
40-44	-2,772	-3.97	-1,472	-2.18	-5,316	-6.64
45-49	-909	-1.37	-913	-1.32	-4,395	-6.16
50-54	-1,739	-3.22	-1,583	-2.55	-2,570	-4.09
55-59	-248	-0.57	-1,030	-1.94	-2,763	-4.90
60-64	-1,490	-3.79	-198	-0.50	-1,948	-4.19
65+	-2,145	-3.38	-2,542	-3.44	-4,622	-5.85
Total	-80,764	-5.47	-97,210	-5.94	-222,327	-14.09

Table I. Estimates of Net Internal Migration for All, Urban and Rural Gyeongnam

Male

	All					
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-10,521	-4.04	-11,177	-4.43	-13,290	-6.02
5-9	-6,851	-3.07	-7,007	-2.74	-17,728	-7.41
10-14	-4,934	-2.61	-12,933	-6.28	-20,964	-8.98
15-19	-12,488	-8.57	-22,740	-15.33	-32,604	-21.95
20-24	-2,928	-2.18	-10,536	-8.22	-16,390	-13.18
25-29	-6,089	-5.96	-18,197	-16.42	-24,279	-25.83
30-34	-10,962	-13.55	-12,528	-13.08	-18,683	-19.43
35-39	-12,428	-15.94	-4,763	-6.11	-8,642	-10.03
40-44	-2,034	-3.25	-2,741	-3.96	-4,590	-6.60
45-49	-1,705	-2.92	-1,058	-1.82	-2,618	-4.04
50-54	-511	-1.01	-931	-1.82	-2,542	-5.00
55-59	-746	-1.89	-1,402	-3.34	-1,561	-3.55
60-64	-145	-0.42	-218	-0.69	-410	-1.18
65+	-1,929	-4.21	-1,832	-3.74	-1,749	-3.48
Total	-74,270	-4.93	-108,062	-6.86	-166,051	-10.67

Urban						
	No.	Rate	No.	Rate	No.	Rate
0-4	-1,397	-4.76	-482	-1.21	2,952	6.29
5-9	935	3.51	232	0.56	3,400	7.73
10-14	667	2.95	-401	-1.12	4,695	10.15
15-19	3,731	17.03	1,400	4.64	8,463	21.24
20-24	-4,881	-34.10	-4,781	-21.20	1,124	3.78
25-29	-2,133	-17.69	3,272	15.03	7,504	26.50
30-34	-1,008	-8.92	2,325	11.94	4,527	16.71
35-39	-1,400	-13.24	23	0.15	1,788	8.49
40-44	-579	-7.31	-552	-4.43	585	3.89
45-49	-507	-7.67	-260	-2.64	280	2.25
50-54	-902	-17.71	-514	-6.53	-280	-3.19
55-59	-523	-15.10	-368	-6.00	-173	-2.52
60-64	-207	-7.77	-237	-5.73	-62	-1.22
65+	-437	-13.30	-422	-7.23	-90	-1.43
Total	-8,643	-4.86	-765	-0.28	34,713	10.28

Rural						
	No.	Rate	No.	Rate	No.	Rate
0-4	-9,124	-3.95	-10,695	-5.03	-16,242	-9.35
5-9	-7,785	-3.95	-7,238	-3.39	-21,127	-10.82
10-14	-5,600	-3.37	-12,532	-7.36	-25,659	-13.70
15-19	-16,219	-13.10	-24,141	-20.43	-41,067	-37.79
20-24	1,954	1.63	-5,755	-5.45	-17,515	-18.52
25-29	-3,955	-4.39	-21,469	-24.10	-31,784	-48.41
30-34	-9,954	-14.30	-14,853	-19.47	-23,210	-33.60
35-39	-11,028	-16.36	-4,786	-7.62	-10,430	-16.02
40-44	-1,455	-2.66	-2,189	-3.86	-5,175	-9.50
45-49	-1,198	-2.32	-798	-1.66	-2,898	-5.53
50-54	391	0.85	-416	-0.97	-2,262	-5.38
55-59	-222	-0.62	-1,034	-2.88	-1,389	-3.74
60-64	62	0.19	19	0.07	-348	-1.18
65+	-1,492	-3.51	-1,410	-3.27	-1,659	-3.78
Total	-65,627	-4.94	-107,297	-8.23	-200,764	-16.47

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Gyeongnam

All

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-9,969	-4.04	-10,454	-4.42	-12,447	-6.02
5-9	-7,543	-3.64	-7,367	-3.11	-15,155	-6.76
10-14	-6,206	-3.68	-14,243	-7.53	-20,745	-9.60
15-19	-9,901	-7.26	-20,522	-14.90	-31,497	-22.38
20-24	-11,416	-9.13	-17,897	-16.10	-25,248	-23.67
25-29	-12,702	-11.60	-15,557	-13.94	-18,083	-19.11
30-34	-6,803	-7.34	-6,006	-5.97	-9,860	-9.83
35-39	-4,520	-5.29	-3,461	-3.87	-5,682	-6.05
40-44	-1,426	-2.20	-2,869	-3.82	-4,348	-5.32
45-49	-2,068	-3.41	-1,533	-2.51	-2,356	-3.28
50-54	-1,440	-2.76	-1,540	-3.62	-4,063	-7.57
55-59	-2,277	-5.16	-2,547	-5.36	-2,653	-5.48
60-64	-475	-1.11	-504	-1.30	-1,551	-3.72
65+	-1,180	-1.73	-3,387	-4.49	-3,434	-4.25
Total	-77,927	-5.18	-108,286	-6.92	-157,122	-10.06

Urban

0-4	-1,324	-4.76	-451	-1.21	2,765	6.21
5-9	1,017	4.05	564	1.45	3,236	7.89
10-14	470	2.20	208	0.61	3,610	8.50
15-19	1,868	9.13	33	0.30	6,682	17.70
20-24	-1,396	-8.63	-2,752	-12.10	-4,977	-15.71
25-29	-964	-6.38	575	2.58	4,980	17.71
30-34	-1,110	-9.05	-257	-1.35	1,927	7.80
35-39	-1,106	-10.23	-194	-1.19	1,003	5.04
40-44	-600	-8.13	-814	-6.43	461	2.86
45-49	-381	-5.96	-39	-0.39	518	3.84
50-54	-497	-10.29	-431	-5.32	-26	-0.27
55-59	-495	-12.38	-99	-1.44	311	3.88
60-64	-241	-6.47	2	0.23	339	5.13
65+	-434	-7.09	-223	-2.10	132	1.11
Total	-5,193	-2.86	-3,837	-1.40	30,915	9.21

Rural

0-4	-8,645	-3.95	-10,004	-5.02	-15,212	-9.37
5-9	-8,560	-4.70	-7,930	-4.00	-18,391	-10.04
10-14	-6,676	-4.54	-14,452	-9.32	24,355	-14.02
15-19	-11,769	-10.15	-20,605	-18.76	-38,179	-36.95
20-24	-10,019	-9.20	-15,135	-17.14	-30,225	-40.29
25-29	-11,738	-12.44	-16,152	-18.24	-23,063	-34.69
30-34	-5,694	-7.08	-5,749	-7.05	-11,787	-15.59
35-39	-3,414	-4.57	-3,268	-4.46	-6,685	-9.03
40-44	-826	-1.44	-2,025	-3.27	-4,809	-7.33
45-49	-1,687	-3.11	-1,494	-2.92	-2,874	-4.93
50-54	-943	-1.99	-1,509	-3.31	-4,038	-9.10
55-59	-1,782	-4.44	-2,448	-6.02	-2,964	-7.33
60-64	-234	-0.60	-516	-1.55	-1,891	-5.38
65+	-746	-1.21	-3,163	-4.88	-3,566	-5.17
Total	-72,734	-5.50	-104,450	-8.09	-188,037	-15.33

Table I. Estimates of Net Internal Migration for All, Urban and Rural

Jeju

Male

All						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	148	0.66	308	1.12	15	0.05
5-9	-1,991	-11.30	469	1.98	-466	-1.70
10-14	-588	-3.55	1,198	6.40	226	0.95
15-19	-1,612	-11.06	197	1.28	-626	-3.95
20-24	-1,954	-15.25	24	0.17	-402	-2.83
25-29	1,087	10.81	278	2.19	-129	-1.00
30-34	-1,399	-22.68	-527	-5.14	-666	-5.33
35-39	-1,043	-19.85	138	2.11	-26	-0.26
40-44	-300	-6.99	147	2.89	-128	-2.11
45-49	-124	-3.01	219	5.08	127	2.50
50-54	179	4.60	108	2.83	-30	-0.76
55-59	103	2.96	196	5.47	165	4.64
60-64	61	1.80	184	6.01	161	5.10
65+	361	5.76	286	4.41	213	3.36
Total	-7,071	-5.39	3,225	2.08	-1,565	-0.89
Urban						
0-4	27	0.50	294	4.27	527	5.95
5-9	79	1.79	465	7.61	671	8.73
10-14	3	0.08	612	12.29	817	11.83
15-19	243	5.74	1,126	23.55	1,577	26.50
20-24	-598	-19.08	-476	-13.25	-174	-3.98
25-29	385	15.21	352	10.37	925	21.79
30-34	-356	-22.33	226	7.69	525	13.00
35-39	-111	-7.52	194	10.55	189	6.10
40-44	-2	-0.16	67	4.63	35	1.93
45-49	44	4.26	71	6.27	63	4.29
50-54	42	4.75	22	2.34	69	6.20
55-59	27	3.71	22	2.77	68	7.33
60-64	18	2.77	45	7.10	50	6.99
65+	5	0.45	117	9.53	34	2.79
Total	-194	-0.60	3,137	7.70	5,376	10.26
Rural						
0-4	121	0.71	15	0.07	-512	-2.40
5-9	-2,069	-15.64	4	0.02	-1,136	-5.75
10-14	-591	-4.70	587	4.27	-591	-3.50
15-19	-1,855	-17.92	-929	-8.73	-2,204	-22.28
20-24	-1,355	-14.01	501	4.78	-228	-2.31
25-29	701	9.33	-74	-0.79	-1,054	-12.23
30-34	-1,044	-22.80	-753	-10.32	-1,191	-14.09
35-39	-932	-24.65	-57	-1.21	-215	-3.07
40-44	-298	-9.38	80	2.20	-163	-3.80
45-49	-168	-5.47	148	4.65	64	1.77
50-54	137	4.56	86	3.00	-99	-3.50
55-59	77	2.76	174	6.24	98	3.69
60-64	43	1.56	138	5.72	111	4.54
65+	357	6.85	169	3.21	179	3.50
Total	-6,877	-6.96	89	0.08	-6,941	-5.66

Populations of Each Province, by Age Group and Sex, 1955-70

Female

Jeju

All						
	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	140	0.65	289	1.09	14	0.05
5-9	-212	-1.24	812	3.60	-306	-1.15
10-14	-655	-4.20	947	5.28	-195	-0.87
15-19	-2,595	-20.51	-992	-7.18	-1,729	-11.83
20-24	-1,013	-8.72	-200	-1.67	-910	-7.37
25-29	340	3.03	612	4.86	324	2.61
30-34	418	4.71	-29	-0.27	-162	-1.32
35-39	107	1.25	417	4.41	461	4.05
40-44	283	4.29	205	2.53	-198	-2.22
45-49	-91	-1.32	338	4.99	174	2.12
50-54	255	3.94	164	2.51	-282	-4.61
55-59	24	0.42	-80	-1.29	119	1.88
60-64	-31	-0.55	163	3.05	173	2.97
65+	819	7.15	569	4.41	591	4.20
Total	-2,210	-1.47	3,214	1.87	-1,926	-1.01

Urban						
	No.	Rate	No.	Rate	No.	Rate
0-4	26	0.50	275	4.23	493	6.00
5-9	79	1.87	503	8.74	543	7.64
10-14	-99	-2.69	-440	9.44	548	8.68
15-19	-352	-10.58	248	6.64	748	14.95
20-24	-441	-15.87	22	0.67	507	12.40
25-29	138	5.04	535	15.75	927	22.18
30-34	111	4.84	188	6.49	398	10.60
35-39	35	1.61	148	5.96	279	8.88
40-44	67	4.38	84	4.04	106	4.25
45-49	-15	-0.92	145	8.88	132	6.03
50-54	50	3.70	19	1.26	-51	-3.39
55-59	-74	-6.31	-14	-1.10	130	8.39
60-64	-29	-2.56	80	7.12	81	6.35
65+	95	4.30	252	9.41	256	8.34
Total	-408	-1.15	2,925	6.81	5,096	9.46

Rural						
	No.	Rate	No.	Rate	No.	Rate
0-4	115	0.70	14	0.07	-479	-2.34
5-9	-291	-2.27	309	1.84	-849	-4.36
10-14	-556	-4.66	506	3.82	-743	-4.64
15-19	-2,244	-24.05	-1,241	-12.29	-2,477	-25.76
20-24	-572	-6.48	-221	-2.54	-1,417	-17.17
25-29	202	2.38	77	0.84	-603	-7.32
30-34	308	4.66	-217	-2.67	-560	-6.59
35-39	72	1.13	269	3.86	181	2.20
40-44	216	4.26	121	2.00	-303	-4.74
45-49	-76	-1.44	193	3.75	42	0.70
50-54	204	4.01	145	2.88	-232	-5.00
55-59	98	2.12	-66	-1.34	-11	-0.24
60-64	-2	-0.04	83	1.96	92	2.03
65+	724	7.84	317	3.10	335	3.04
Total	-1,801	-1.57	290	0.23	-7,024	-5.16

Table II. Net Internal Migration for Each

Incheon

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,295	0.04	2,421	0.06	3,840	0.09
5-9	2,108	0.08	2,247	0.06	4,990	0.12
10-14	1,276	0.06	3,733	0.12	5,184	0.12
15-19	3,336	0.16	4,776	0.19	8,161	0.23
20-24	-191	-0.01	3,009	0.13	5,375	0.18
25-29	419	0.03	3,460	0.17	6,941	0.25
30-34	943	0.07	2,612	0.14	5,975	0.22
35-39	2,058	0.16	1,631	0.11	2,346	0.12
40-44	574	0.05	479	0.04	753	0.05
45-49	-28	-0.00	407	0.04	800	0.06
50-54	-136	-0.02	-40	-0.00	-39	-0.00
55-59	-104	-0.03	-69	-0.01	197	0.03
60-64	-143	-0.06	-91	-0.03	-141	-0.03
65+	-126	-0.04	96	0.03	79	0.02
Total	11,282	0.06	24,669	0.10	44,461	0.14

Suweon

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-103	-0.01	-505	-0.07	2,274	0.21
5-9	-475	-0.07	-991	-0.12	3,195	0.29
10-14	-210	-0.04	-722	-0.10	2,786	0.25
15-19	163	0.03	-167	-0.03	2,964	0.33
20-24	-223	-0.06	-1,130	-0.24	2,263	0.29
25-29	-28	-0.01	-106	-0.03	3,123	0.42
30-34	-17	-0.01	8	0.00	3,033	0.42
35-39	-12	-0.00	-270	-0.10	1,614	0.30
40-44	-54	-0.02	-417	-0.16	875	0.24
45-49	-138	-0.07	-310	-0.14	758	0.23
50-54	-115	-0.07	-332	-0.18	508	0.20
55-59	-8	-0.01	-297	-0.22	338	0.17
60-64	-52	-0.08	-185	-0.22	253	0.18
65+	-92	-0.12	-149	-0.14	291	0.19
Total	-1,364	-0.03	-5,570	-0.10	24,275	0.29

Euijeongbu

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	1,087	0.18	801	0.12
5-9	—	—	1,039	0.18	839	0.12
10-14	—	—	433	0.12	790	0.12
15-19	—	—	336	0.14	826	0.20
20-24	—	—	400	0.16	726	0.24
25-29	—	—	-48	-0.02	1,070	0.32
30-34	—	—	677	0.22	1,142	0.28
35-39	—	—	704	0.31	397	0.12
40-44	—	—	499	0.27	241	0.10
45-49	—	—	179	0.13	55	0.03
50-54	—	—	20	0.02	67	0.05
55-59	—	—	-71	-0.11	99	0.10
60-64	—	—	-62	-0.16	17	0.03
65+	—	—	-133	-0.25	4	0.01
Total	—	—	5,060	0.15	7,073	0.15

City by Age Group and Sex, 1955-70

Incheon

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,227	0.04	2,264	0.06	3,597	0.09
5-9	612	0.02	1,853	0.05	4,030	0.10
10-14	1,103	0.05	3,050	0.11	4,797	0.12
15-19	3,967	0.20	4,321	0.18	8,882	0.25
20-24	2,331	0.13	3,817	0.17	7,930	0.26
25-29	1,388	0.08	4,027	0.18	5,571	0.19
30-34	774	0.05	1,040	0.06	2,684	0.11
35-39	260	0.02	501	0.03	1,321	0.07
40-44	345	0.04	180	0.02	648	0.04
45-49	51	0.01	252	0.03	518	0.04
50-54	193	0.04	322	0.05	565	0.06
55-59	34	0.01	250	0.04	485	0.07
60-64	-31	-0.01	199	0.05	283	0.05
65+	24	0.00	375	0.06	444	0.05
Total	2,276	0.06	22,450	0.09	41,754	0.13

Suweon

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-97	-0.01	-473	-0.06	2,130	0.21
5-9	-361	-0.06	-761	-0.10	2,890	0.28
10-14	-217	-0.04	-376	-0.06	2,786	0.26
15-19	240	0.05	-119	-0.02	4,183	0.41
20-24	-163	-0.04	-630	-0.13	3,546	0.40
25-29	136	0.04	-372	-0.08	2,886	0.37
30-34	-108	-0.04	-451	-0.12	2,103	0.32
35-39	-222	-0.08	-318	-0.10	1,079	0.22
40-44	-127	-0.06	-335	-0.13	924	0.23
45-49	-58	-0.03	-299	-0.14	588	0.18
50-54	-32	-0.02	-285	-0.15	568	0.22
55-59	-58	-0.06	-278	-0.20	353	0.17
60-64	-69	-0.09	-122	-0.12	396	0.24
65+	-46	-0.03	-227	-0.13	621	0.23
Total	-1,182	-0.03	-5,046	-0.09	25,052	0.29

Euijeongbu

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	1,017	0.18	750	0.12
5-9	—	—	729	0.13	730	0.11
10-14	—	—	183	0.05	677	0.11
15-19	—	—	404	0.16	1,364	0.30
20-24	—	—	1,244	0.37	2,002	0.45
25-29	—	—	1,360	0.34	1,145	0.25
30-34	—	—	964	0.30	528	0.12
35-39	—	—	495	0.23	161	0.05
40-44	—	—	67	0.05	58	0.03
45-49	—	—	-92	-0.09	76	0.05
50-54	—	—	-63	-0.07	104	0.10
55-59	—	—	-94	-0.13	100	0.11
60-64	—	—	-51	-0.10	87	0.12
65+	—	—	-146	-0.17	82	0.07
Total	—	—	6,016	0.17	7,864	0.16

Table II. Net Internal Migration for Each

Iri

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-374	-0.07	75	0.01	-41	-0.01
5-9	48	0.01	292	0.05	177	0.03
10-14	-190	-0.04	396	0.07	1,007	0.15
15-19	305	0.07	837	0.16	1,812	0.28
20-24	-1,366	-0.58	-989	-0.34	-847	-0.21
25-29	-522	-0.28	177	0.07	-73	-0.03
30-34	-179	-0.09	345	0.15	231	0.08
35-39	-289	-0.14	123	0.06	89	0.04
40-44	-182	-0.11	15	0.01	49	0.02
45-49	-101	-0.08	-109	-0.07	-69	-0.04
50-54	-189	-0.19	-52	-0.05	-111	-0.09
55-59	-107	-0.16	-71	-0.09	-69	-0.08
60-64	-68	-0.15	-41	-0.08	-72	-0.12
65+	-65	-0.12	-41	-0.07	-42	-0.06
Total	-3,278	-0.10	956	0.03	2,042	0.05

Chuncheon

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	295	0.04	209	0.03	509	0.06
5-9	254	0.04	-131	-0.02	980	0.11
10-14	349	0.09	304	0.05	1,605	0.17
15-19	1,118	0.25	836	0.19	1,818	0.25
20-24	-308	-0.09	-369	-0.09	61	0.01
25-29	16	0.00	501	0.13	847	0.19
30-34	659	0.23	155	0.04	762	0.16
35-39	576	0.21	-137	-0.05	271	0.07
40-44	-57	-0.03	-14	-0.01	122	0.04
45-49	-97	-0.06	-179	-0.09	100	0.04
50-54	-143	-0.11	-34	-0.02	85	0.05
55-59	-44	-0.06	-59	-0.05	-3	-0.00
60-64	-25	-0.05	-24	-0.04	14	0.01
65+	19	0.03	40	0.05	40	0.04
Total	2,610	0.06	1,098	0.02	7,210	0.12

Weonju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	424	0.05	389	0.05	-38	0.00
5-9	262	0.05	425	0.05	49	0.01
10-14	269	0.08	819	0.13	733	0.08
15-19	476	0.13	1,134	0.27	734	0.12
20-24	339	0.10	517	0.13	-595	-0.17
25-29	213	0.07	608	0.16	112	0.03
30-34	585	0.22	346	0.09	64	0.02
35-39	593	0.24	430	0.14	213	0.06
40-44	30	0.02	17	0.01	-339	-0.13
45-49	29	0.02	-65	-0.04	-51	-0.02
50-54	-100	-0.08	-27	-0.02	-84	-0.05
55-59	12	0.02	-7	-0.01	12	0.01
60-64	-10	-0.02	43	0.07	-31	-0.04
65+	-22	-0.04	40	0.06	-14	-0.02
Total	3,101	0.08	4,669	0.09	765	0.01

City by Age Group and Sex, 1955-70

Iri

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-354	-0.07	70	0.01	-38	-0.01
5-9	-353	-0.08	290	0.05	30	0.01
10-14	-290	-0.07	476	0.10	477	0.08
15-19	-525	-0.16	46	0.01	718	0.14
20-24	-968	-0.40	-348	-0.12	-337	-0.09
25-29	-199	-0.08	183	0.07	-2	-0.00
30-34	-116	-0.05	179	0.07	25	0.01
35-39	-210	-0.10	89	0.04	52	0.02
40-44	-127	-0.08	-30	-0.02	-72	-0.03
45-49	-256	-0.22	-119	-0.09	-110	-0.06
50-54	-79	-0.08	1	0.00	-68	-0.06
55-59	-126	-0.18	-66	-0.08	-63	-0.07
60-64	-76	-0.12	2	0.00	-4	-0.01
65+	-118	-0.11	28	0.02	104	0.07
Total	-3,796	-0.12	800	0.02	713	0.02

Chuncheon

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	279	0.04	195	0.03	477	0.06
5-9	295	0.05	-280	-0.04	645	0.08
10-14	509	0.14	346	0.06	1,437	0.16
15-19	869	0.22	815	0.19	2,173	0.29
20-24	452	0.12	587	0.13	1,300	0.24
25-29	245	0.07	504	0.12	561	0.11
30-34	242	0.08	-30	-0.01	407	0.09
35-39	105	0.04	-119	-0.04	170	0.04
40-44	68	0.04	-54	-0.02	134	0.04
45-49	66	0.04	-24	-0.01	18	0.01
50-54	104	0.09	55	0.04	119	0.07
55-59	127	0.15	-37	-0.03	122	0.08
60-64	24	0.04	13	0.02	107	0.09
65+	53	0.05	36	0.03	117	0.07
Total	3,436	0.08	2,006	0.04	7,788	0.13

Weonju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	402	0.06	364	0.05	-36	-0.01
5-9	254	0.05	458	0.06	-19	-0.00
10-14	350	0.11	467	0.08	458	0.06
15-19	183	0.05	1,103	0.27	1,081	0.17
20-24	598	0.16	785	0.20	-197	-0.05
25-29	495	0.13	760	0.17	147	0.04
30-34	221	0.08	143	0.04	26	0.01
35-39	168	0.07	-90	-0.03	-225	-0.06
40-44	79	0.05	-50	-0.02	-68	-0.03
45-49	125	0.09	9	0.01	-5	-0.00
50-54	62	0.06	79	0.06	43	0.03
55-59	145	0.18	134	0.12	15	0.01
60-64	64	0.11	37	0.05	-5	-0.00
65+	-64	-0.07	100	0.08	43	0.03
Total	3,081	0.08	4,299	0.09	1,258	0.02

Table II. Net Internal Migration for Each

Gangreung

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-206	-0.04	-161	-0.04	-8	-0.00
5-9	140	0.04	-67	-0.01	478	0.10
10-14	346	0.10	368	0.08	899	0.16
15-19	785	0.20	174	0.05	857	0.18
20-24	-697	-0.29	-700	-0.22	-217	-0.07
25-29	-285	-0.17	200	0.08	-126	-0.05
30-34	273	0.17	151	0.08	125	0.05
35-39	-53	-0.04	-189	-0.13	10	0.01
40-44	-92	-0.07	83	0.06	91	0.06
45-49	166	0.13	49	0.04	28	0.02
50-54	-55	-0.05	-65	-0.06	72	0.05
55-59	5	0.01	-22	-0.03	42	0.04
60-64	23	0.04	10	0.02	74	0.09
65+	52	0.06	-12	-0.01	32	0.03
Total	402	0.01	-180	-0.01	2,358	0.06

Sogcho

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	530	0.10	354	0.06
5-9	—	—	396	0.08	384	0.07
10-14	—	—	307	0.08	399	0.07
15-19	—	—	-39	-0.02	172	0.05
20-24	—	—	-733	-0.41	97	0.04
25-29	—	—	1,330	0.66	718	0.31
30-34	—	—	795	0.43	697	0.25
35-39	—	—	455	0.26	259	0.12
40-44	—	—	437	0.23	153	0.09
45-49	—	—	383	0.23	197	0.10
50-54	—	—	80	0.07	-17	-0.01
55-59	—	—	-25	-0.03	-6	-0.01
60-64	—	—	-94	-0.22	-93	-0.16
65+	—	—	-260	-0.50	-79	-0.15
Total	—	—	3,562	0.12	3,236	0.09

Cheongju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-259	-0.03	-110	-0.01	316	0.03
5-9	89	0.01	161	0.02	1,206	0.12
10-14	514	0.08	753	0.09	1,805	0.16
15-19	386	0.07	809	0.11	2,296	0.23
20-24	-1,073	-0.27	-859	-0.17	-708	-0.11
25-29	-718	-0.26	-279	-0.06	132	0.03
30-34	-273	-0.11	208	0.06	645	0.13
35-39	-190	-0.07	71	0.02	432	0.10
40-44	-6	-0.00	-93	-0.03	253	0.08
45-49	-90	-0.05	-172	-0.08	-30	-0.01
50-54	-66	-0.05	-42	-0.02	-19	-0.01
55-59	-130	-0.15	-149	-0.11	-22	-0.01
60-64	-13	-0.02	-33	-0.04	38	0.03
65+	-32	-0.04	-43	-0.04	95	0.07
Total	-1,860	-0.04	222	0.00	6,440	0.09

City by Age Group and Sex, 1955-70

Gangreung

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-195	-0.05	-151	-0.04	-8	-0.00
5-9	131	0.04	151	0.03	506	0.11
10-14	241	0.08	311	0.08	656	0.13
15-19	403	0.11	130	0.04	688	0.16
20-24	-356	-0.14	-390	-0.21	-267	-0.10
25-29	-280	-0.15	-315	-0.14	-196	-0.07
30-34	-69	-0.04	51	0.03	121	0.05
35-39	-29	-0.02	44	0.02	127	0.06
40-44	-113	-0.08	42	0.03	195	0.10
45-49	31	0.02	58	0.04	50	0.03
50-54	-38	-0.03	-2	-0.00	123	0.08
55-59	4	0.00	-37	-0.04	-28	-0.02
60-64	37	0.05	5	0.01	83	0.08
65+	5	0.00	-9	-0.01	59	0.04
Total	-228	-0.01	-314	-0.01	2,108	0.06

Sogcho

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	495	0.10	331	0.06
5-9	—	—	661	0.18	485	0.09
10-14	—	—	582	0.17	362	0.07
15-19	—	—	241	0.11	23	0.01
20-24	—	—	145	0.06	286	0.12
25-29	—	—	392	0.16	460	0.17
30-34	—	—	569	0.26	416	0.15
35-39	—	—	552	0.28	226	0.10
40-44	—	—	406	0.25	177	0.09
45-49	—	—	67	0.06	-70	-0.04
50-54	—	—	-88	-0.11	-24	-0.02
55-59	—	—	-131	-0.22	-10	-0.01
60-64	—	—	-111	-0.25	-13	-0.02
65+	—	—	-260	-0.38	-88	-0.12
Total	—	—	3,721	0.13	2,561	0.07

Cheongju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-246	-0.04	-103	-0.01	296	0.04
5-9	111	0.02	283	0.03	910	0.10
10-14	338	0.06	568	0.07	1,478	0.15
15-19	169	0.03	425	0.07	1,532	0.17
20-24	-849	-0.23	-837	-0.19	-585	-0.11
25-29	-240	-0.07	64	0.01	536	0.11
30-34	94	0.03	82	0.02	506	0.10
35-39	-139	-0.05	-57	-0.02	399	0.09
40-44	-153	-0.07	-33	-0.01	109	0.03
45-49	20	0.01	-66	-0.03	20	0.01
50-54	90	0.06	-89	-0.04	-26	-0.01
55-59	-89	-0.09	-133	-0.09	-16	-0.01
60-64	-6	-0.01	24	0.02	39	0.03
65+	8	0.01	-10	-0.00	86	0.04
Total	-892	-0.02	118	0.00	5,285	0.07

Table II. Net Internal Migration for Each

Chungju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	32	0.01	103	0.02
5-9	—	—	-19	-0.00	345	0.05
10-14	—	—	222	0.04	670	0.09
15-19	—	—	551	0.15	240	0.05
20-24	—	—	-563	-0.19	-815	-0.30
25-29	—	—	45	0.02	219	0.07
30-34	—	—	-44	-0.02	155	0.05
35-39	—	—	35	0.02	-48	-0.02
40-44	—	—	3	0.00	-14	-0.01
45-49	—	—	-118	-0.07	-72	-0.04
50-54	—	—	-82	-0.06	-64	-0.05
55-59	—	—	-47	-0.05	-16	-0.01
60-64	—	—	-79	-0.14	-15	-0.02
65+	—	—	-3	-0.00	-4	-0.00
Total	—	—	-68	-0.00	682	0.02

Daejeon

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,187	0.06	950	0.04	2,779	0.10
5-9	1,763	0.11	1,705	0.07	5,488	0.19
10-14	2,090	0.14	2,613	0.13	6,404	0.21
15-19	2,230	0.18	2,815	0.16	8,335	0.31
20-24	-23	-0.00	-387	-0.03	3,237	0.17
25-29	372	0.05	945	0.08	4,755	0.29
30-34	815	0.11	1,228	0.12	3,760	0.24
35-39	972	0.13	659	0.08	2,322	0.19
40-44	769	0.13	113	0.02	1,299	0.14
45-49	112	0.02	-125	-0.02	741	0.09
50-54	-33	-0.01	-101	-0.02	224	0.04
55-59	34	0.02	-214	-0.07	211	0.05
60-64	95	0.07	-22	-0.01	116	0.04
65+	323	0.17	-107	-0.05	220	0.08
Total	10,705	0.09	10,072	0.07	39,890	0.19

Cheonan

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	156	0.03	70	0.01
5-9	—	—	-103	-0.02	200	0.04
10-14	—	—	177	0.04	382	0.06
15-19	—	—	34	0.01	166	0.04
20-24	—	—	-128	-0.05	-179	-0.06
25-29	—	—	308	0.12	-29	-0.01
30-34	—	—	39	0.02	122	0.05
35-39	—	—	147	0.08	96	0.04
40-44	—	—	237	0.14	127	0.07
45-49	—	—	97	0.07	31	0.02
50-54	—	—	-51	-0.04	-33	-0.02
55-59	—	—	-86	-0.10	-35	-0.03
60-64	—	—	-131	-0.24	-43	-0.06
65+	—	—	-247	-0.34	-1	-0.00
Total	—	—	450	0.01	872	0.02

City by Age Group and Sex, 1955-70

Chungju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	30	0.01	97	0.02
5-9	—	—	-31	-0.01	284	0.05
10-14	—	—	53	0.01	235	0.04
15-19	—	—	122	0.04	-212	-0.05
20-24	—	—	-193	-0.07	-321	-0.12
25-29	—	—	216	0.07	450	0.14
30-34	—	—	-29	-0.01	68	0.02
35-39	—	—	39	0.02	58	0.02
40-44	—	—	-37	-0.02	-64	-0.03
45-49	—	—	-69	-0.04	-110	-0.06
50-54	—	—	-113	-0.09	-65	-0.04
55-59	—	—	11	0.01	-15	-0.01
60-64	—	—	-14	-0.02	8	0.00
65+	—	—	0	0.00	-15	-0.01
Total	—	—	-14	0.00	398	0.01

Daejeon

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,124	0.06	883	0.04	2,603	0.10
5-9	2,622	0.16	1,441	0.06	4,558	0.18
10-14	2,078	0.16	1,586	0.08	5,146	0.19
15-19	2,356	0.20	3,072	0.19	8,572	0.33
20-24	531	0.05	632	0.05	3,807	0.20
25-29	1,381	0.15	1,447	0.12	3,622	0.22
30-34	1,125	0.14	901	0.08	2,700	0.18
35-39	469	0.07	307	0.03	1,483	0.12
40-44	501	0.10	117	0.02	980	0.10
45-49	188	0.05	-109	-0.02	430	0.06
50-54	91	0.03	-8	-0.00	555	0.10
55-59	77	0.04	65	0.02	429	0.10
60-64	83	0.05	23	0.01	394	0.12
65+	12	0.00	378	0.09	557	0.11
Total	12,638	0.11	10,739	0.07	35,836	0.18

Cheonan

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	146	0.03	65	0.01
5-9	—	—	-19	-0.00	189	0.04
10-14	—	—	168	0.04	391	0.07
15-19	—	—	1	0.00	182	0.04
20-24	—	—	35	0.01	-74	-0.03
25-29	—	—	96	0.04	187	0.07
30-34	—	—	69	0.03	-24	-0.01
35-39	—	—	303	0.15	139	0.06
40-44	—	—	166	0.09	43	0.02
45-49	—	—	-38	-0.03	-56	-0.03
50-54	—	—	-120	-0.11	-46	-0.04
55-59	—	—	-173	-0.20	-56	-0.06
60-64	—	—	-152	-0.26	-76	-0.11
65+	—	—	-263	-0.24	7	0.01
Total	—	—	220	0.01	869	0.02

Table II. Net Internal Migration for Each

Jeonju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-177	-0.01	-235	-0.01	528	0.03
5-9	550	0.04	253	0.02	1,942	0.11
10-14	729	0.05	1,768	0.11	3,662	0.18
15-19	1,105	0.10	1,780	0.13	4,700	0.26
20-24	-2,029	-0.28	-1,764	-0.21	-1,334	-0.11
25-29	-1,041	-0.19	61	0.01	878	0.10
30-34	-184	-0.03	617	0.10	1,176	0.14
35-39	-54	-0.01	245	0.04	1,114	0.15
40-44	-248	-0.06	-147	-0.03	535	0.09
45-49	-115	-0.03	-190	-0.05	-71	-0.01
50-54	-398	-0.15	-143	-0.05	90	0.02
55-59	-299	-0.16	-95	-0.04	-43	-0.02
60-64	-84	-0.06	-68	-0.05	-22	-0.01
65+	-219	-0.13	3	0.00	-12	-0.01
Total	-2,464	-0.03	2,086	0.02	13,143	0.10

Gunsan

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-621	-0.08	-83	-0.01	-29	-0.00
5-9	314	0.05	-10	-0.00	-121	-0.02
10-14	-484	-0.08	-31	-0.00	328	0.04
15-19	-18	-0.00	105	0.02	701	0.11
20-24	-1,032	-0.30	-789	-0.19	-394	-0.08
25-29	-733	-0.27	188	0.05	483	0.11
30-34	-467	-0.17	307	0.09	464	0.11
35-39	-703	-0.27	-116	-0.04	20	0.01
40-44	-346	-0.14	22	0.01	-22	-0.01
45-49	-364	-0.19	-196	-0.09	-125	-0.05
50-54	-178	-0.12	-86	-0.05	-181	-0.10
55-59	-125	-0.13	-134	-0.11	-130	-0.10
60-64	-110	-0.17	-66	-0.09	-135	-0.16
65+	-71	-0.08	-79	-0.09	-124	-0.14
Total	-4,938	-0.11	-969	-0.02	735	0.01

Gwangju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	532	0.02	1,575	0.06	2,039	0.06
5-9	1,382	0.06	3,795	0.13	5,137	0.16
10-14	3,686	0.17	6,879	0.25	9,815	0.26
15-19	2,274	0.11	11,508	0.39	15,845	0.40
20-24	-1,080	-0.08	-17	-0.00	-1,989	-0.08
25-29	-847	-0.09	1,806	0.13	2,843	0.15
30-34	865	0.09	1,843	0.16	3,695	0.21
35-39	2,031	0.22	1,495	0.15	2,745	0.20
40-44	479	0.07	531	0.06	1,543	0.14
45-49	444	0.08	142	0.02	601	0.07
50-54	116	0.03	94	0.02	362	0.06
55-59	110	0.04	34	0.01	86	0.02
60-64	73	0.03	9	0.00	143	0.05
65+	255	0.07	90	0.03	286	0.07
Total	10,319	0.07	29,785	0.15	43,150	0.17

City by Age Group and Sex, 1955-70

Jeonju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-168	-0.01	-219	-0.01	495	0.03
5-9	502	0.04	819	0.05	1,866	0.11
10-14	1,283	0.10	1,430	0.10	2,629	0.14
15-19	541	0.05	529	0.04	2,578	0.17
20-24	-1,427	-0.19	-1,482	-0.18	-282	-0.02
25-29	92	0.01	2	0.00	603	0.07
30-34	205	0.03	187	0.03	803	0.09
35-39	-58	-0.01	-115	-0.02	640	0.08
40-44	-78	-0.02	-140	-0.03	216	0.03
45-49	-68	-0.02	-192	-0.05	22	0.00
50-54	-97	-0.04	-15	-0.00	183	0.05
55-59	-107	-0.05	-19	-0.01	-3	-0.00
60-64	-66	-0.03	-8	-0.00	170	0.07
65+	-107	-0.03	44	0.01	398	0.08
Total	446	0.00	829	0.01	10,318	0.08

Gunsan

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-588	-0.09	-78	-0.01	-27	-0.00
5-9	1	0.00	381	0.05	-4	0.00
10-14	-464	-0.08	18	0.00	437	0.06
15-19	-252	-0.05	135	0.02	691	0.11
20-24	-998	-0.28	-355	-0.09	-83	-0.02
25-29	-204	-0.06	239	0.06	94	0.02
30-34	-362	-0.11	-122	-0.04	26	0.01
35-39	-637	-0.24	-226	-0.08	-133	-0.04
40-44	-344	-0.16	69	0.03	-96	-0.03
45-49	-286	-0.17	-194	-0.10	-223	-0.10
50-54	-148	-0.11	-81	-0.05	-78	-0.04
55-59	-85	-0.09	-107	-0.09	-122	-0.09
60-64	-76	-0.09	-27	-0.03	-50	-0.05
65+	-185	-0.13	-47	-0.03	-86	-0.05
Total	-4,630	-0.10	-393	-0.01	347	0.01

Gwangju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	504	0.02	1,473	0.06	1,909	0.06
5-9	2,864	0.14	3,979	0.15	4,243	0.14
10-14	3,338	0.17	5,529	0.23	7,030	0.21
15-19	2,483	0.15	7,438	0.30	12,295	0.35
20-24	-1,074	-0.08	1,664	0.10	1,609	0.06
25-29	253	0.02	1,878	0.13	1,912	0.11
30-34	764	0.07	1,142	0.09	2,462	0.15
35-39	928	0.11	938	0.09	1,861	0.13
40-44	627	0.10	600	0.08	1,241	0.11
45-49	260	0.05	253	0.04	533	0.06
50-54	78	0.02	125	0.03	378	0.06
55-59	389	0.11	414	0.10	322	0.07
60-64	347	0.10	305	0.09	536	0.13
65+	313	0.06	583	0.09	891	0.11
Total	12,075	0.08	26,322	0.14	37,223	0.15

Table II. Net Internal Migration for Each

Mogpo

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-113	-0.01	43	0.00	-121	-0.01
5-9	740	0.08	693	0.06	213	0.02
10-14	497	0.05	1,014	0.09	1,830	0.13
15-19	486	0.06	1,673	0.15	2,441	0.20
20-24	-2,754	-0.57	-1,983	-0.30	-2,194	-0.27
25-29	-337	-0.09	343	0.06	149	0.02
30-34	170	0.04	784	0.16	452	0.08
35-39	-157	-0.04	-111	-0.03	103	0.02
40-44	-29	-0.01	-183	-0.05	-187	-0.05
45-49	-234	-0.10	-275	-0.09	-237	-0.07
50-54	-255	-0.14	-102	-0.05	-284	-0.12
55-59	-282	-0.23	-166	-0.11	-204	-0.12
60-64	-247	-0.28	-165	-0.18	-174	-0.16
65+	-136	-0.12	-132	-0.10	-100	-0.07
Total	-2,652	-0.04	1,434	0.02	1,686	0.02

Yeosu

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	147	0.02	-25	-0.00	95	0.01
5-9	449	0.07	394	0.05	410	0.05
10-14	165	0.03	215	0.03	382	0.05
15-19	107	0.02	29	0.01	412	0.06
20-24	-313	-0.09	-269	-0.07	-360	-0.07
25-29	-150	-0.06	161	0.05	333	0.08
30-34	155	0.06	527	0.16	546	0.13
35-39	-119	-0.05	-11	-0.00	209	0.06
40-44	-57	-0.03	10	0.00	-21	-0.01
45-49	-24	-0.01	-7	-0.00	-31	-0.01
50-54	-207	-0.15	-62	-0.04	-126	-0.08
55-59	-94	-0.10	-17	-0.01	-72	-0.06
60-64	-5	-0.01	-15	-0.02	-46	-0.05
65+	17	0.02	5	0.00	55	0.04
Total	69	0.00	936	0.02	1,786	0.03

Suncheon

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-209	-0.04	-54	-0.01	62	0.01
5-9	81	0.02	428	0.07	781	0.12
10-14	90	0.02	272	0.05	821	0.11
15-19	29	0.01	-227	-0.05	1,040	0.18
20-24	-905	-0.35	-521	-0.17	-288	-0.07
25-29	-329	-0.17	51	0.02	-219	-0.08
30-34	32	0.02	233	0.10	386	0.13
35-39	-46	-0.02	-23	-0.01	127	0.05
40-44	34	0.02	-33	-0.02	54	0.03
45-49	31	0.03	-44	-0.03	139	0.07
50-54	93	0.08	87	0.08	-14	-0.01
55-59	-134	-0.16	-50	-0.05	-3	-0.00
60-64	-108	-0.15	25	0.03	45	0.06
65+	88	0.08	68	0.06	48	0.04
Total	-1,255	-0.04	211	0.01	2,978	0.06

City by Age Group and Sex, 1955-70

Mogpo

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-107	-0.01	40	0.00	-114	-0.01
5-9	-424	-0.05	607	0.05	-2	-0.00
10-14	600	0.07	414	0.04	660	0.05
15-19	243	0.04	-49	-0.01	1,080	0.11
20-24	-711	-0.15	-879	-0.15	-891	-0.12
25-29	133	0.03	461	0.08	254	0.04
30-34	150	0.03	350	0.07	-61	-0.01
35-39	-211	-0.05	-167	-0.03	-51	-0.01
49-44	-152	-0.05	-188	-0.05	-256	-0.06
45-49	-128	-0.06	-228	-0.08	-300	-0.08
50-54	-120	-0.07	-256	-0.12	-294	-0.12
55-59	-168	-0.13	-157	-0.09	-89	-0.05
60-64	-54	-0.05	-59	-0.05	-41	-0.03
65+	-109	-0.06	-80	-0.03	-9	-0.00
Total	-1,057	-0.02	-192	-0.00	-114	-0.00

Yeosu

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	140	0.02	-24	-0.00	89	0.01
5-9	622	0.10	10	0.00	141	0.02
10-14	-346	-0.07	-94	-0.02	354	0.05
15-19	175	0.04	801	0.15	246	0.04
20-24	-161	-0.05	-315	-0.08	-125	-0.03
25-29	254	0.08	199	0.05	322	0.08
30-34	215	0.07	-7	-0.00	95	0.02
35-39	55	0.02	-40	-0.01	30	0.01
40-44	-25	-0.01	-195	-0.08	-96	-0.03
45-49	-51	-0.03	-85	-0.05	-73	-0.03
50-54	4	0.00	-139	-0.11	-125	-0.08
55-59	12	0.01	16	0.01	-19	-0.02
60-64	75	0.08	-28	-0.03	-35	-0.03
65+	126	0.08	29	0.02	98	0.05
Total	1,095	0.03	128	0.00	902	0.02

Suncheon

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-198	-0.04	-51	-0.01	58	0.01
5-9	-253	-0.05	345	0.06	724	0.12
10-14	295	0.06	274	0.05	631	0.10
15-19	-206	-0.06	-504	-0.13	347	0.07
20-24	-611	-0.24	-507	-0.19	-238	-0.07
25-29	-132	-0.05	69	0.03	105	0.04
30-34	-26	-0.01	94	0.04	171	0.06
35-39	-133	-0.07	-57	-0.02	62	0.02
40-44	-32	-0.02	-73	-0.04	20	0.01
45-49	-50	-0.04	-25	-0.02	31	0.02
50-54	-81	-0.08	-58	-0.05	-15	-0.01
55-59	7	0.01	-10	-0.01	64	0.05
60-64	-84	-0.10	-1	-0.00	91	0.09
65+	125	0.08	177	0.09	86	0.04
Total	-1,379	-0.04	-329	-0.01	2,138	0.05

Table II. Net Internal Migration for Each

Daegu

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,307	0.02	3,825	0.07	5,715	0.08
5-9	4,270	0.09	5,474	0.10	10,472	0.16
10-14	5,548	0.13	8,320	0.16	15,937	0.22
15-19	8,492	0.21	17,518	0.33	28,963	0.38
20-24	702	0.02	493	0.01	1,430	0.03
25-29	-595	-0.02	4,881	0.15	11,478	0.26
30-34	-712	-0.04	3,496	0.13	7,319	0.17
35-39	284	0.01	2,215	0.10	4,913	0.15
40-44	-151	-0.01	757	0.04	2,829	0.12
45-49	155	0.01	392	0.03	1,917	0.10
50-54	-104	-0.01	-215	-0.02	723	0.05
55-59	-23	-0.00	-262	-0.03	383	0.04
60-64	-77	-0.02	6	0.00	58	0.01
65+	-127	-0.03	-227	-0.04	269	0.04
Total	18,969	0.06	46,674	0.12	92,405	0.17

Pohang

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	12	0.00	1	0.00	411	0.08
5-9	-407	-0.09	-45	-0.01	609	0.11
10-14	115	0.03	-14	-0.00	508	0.09
15-19	74	0.02	-73	-0.02	731	0.16
20-24	-320	-0.14	-375	-0.14	171	0.05
25-29	137	0.07	136	0.06	486	0.17
30-34	-152	-0.09	67	0.03	717	0.22
35-39	-172	-0.10	-39	-0.02	376	0.15
40-44	-62	-0.04	-42	-0.03	131	0.07
45-49	-6	-0.00	-73	-0.06	68	0.04
50-54	-99	-0.10	-113	-0.10	43	0.03
55-59	-30	-0.05	-74	-0.10	-22	-0.02
60-64	-40	-0.08	-39	-0.09	-1	-0.00
65+	-43	-0.09	-92	-0.17	24	0.04
Total	-994	-0.03	-773	-0.02	4,254	0.11

Gyeongju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	98	0.02	-9	0.00	5	0.00
5-9	1,143	0.20	262	0.04	72	0.01
10-14	442	0.09	126	0.02	434	0.06
15-19	205	0.05	-177	-0.04	198	0.04
20-24	-451	-0.15	-601	-0.19	-355	-0.09
25-29	86	0.04	12	0.00	27	0.01
30-34	-61	-0.03	5	0.00	1	0.00
35-39	90	0.04	-15	-0.01	64	0.02
40-44	-50	-0.03	6	0.00	-2	-0.00
45-49	-19	-0.01	-11	-0.01	-59	-0.03
50-54	-128	-0.10	-49	-0.04	1	0.00
55-59	-30	-0.03	45	0.04	42	0.03
60-64	-25	-0.03	55	0.07	10	0.01
65+	-136	-0.15	-31	-0.03	79	0.06
Total	1,162	0.03	-383	-0.01	519	0.01

City by Age Group and Sex, 1955-70

Daegu

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	1,239	0.02	3,577	0.07	5,353	0.08
5-9	6,526	0.15	4,403	0.08	8,909	0.14
10-14	4,144	0.11	7,909	0.16	14,731	0.22
15-19	7,148	0.19	15,766	0.32	27,134	0.38
20-24	2,697	0.08	6,443	0.16	11,363	0.19
25-29	425	0.01	4,311	0.12	5,766	0.12
30-34	881	0.04	2,269	0.08	3,814	0.10
35-39	1,085	0.05	1,975	0.08	4,581	0.14
40-44	349	0.02	816	0.04	2,665	0.10
45-49	166	0.01	734	0.05	1,831	0.09
50-54	255	0.03	523	0.05	1,182	0.08
55-59	367	0.05	392	0.04	1,309	0.11
60-64	49	0.01	478	0.07	972	0.10
65+	-274	-0.03	725	0.06	1,015	0.07
Total	25,057	0.07	50,319	0.12	90,625	0.17

Pohang

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	11	0.00	1	0.00	385	0.08
5-9	-590	-0.14	112	0.02	555	0.12
10-14	79	0.02	44	0.01	496	0.10
15-19	-13	-0.00	-267	0.08	331	0.08
20-24	-273	-0.11	-264	-0.10	383	0.11
25-29	215	0.09	149	0.06	767	0.23
30-34	-46	-0.02	25	0.01	327	0.11
35-39	-5	-0.00	-13	-0.01	146	0.06
40-44	20	0.01	-54	-0.03	95	0.05
45-49	-10	-0.01	-55	-0.05	116	0.06
50-54	-57	-0.06	-64	-0.06	-20	-0.02
55-59	-2	-0.00	-11	-0.01	-25	-0.02
60-64	-21	-0.03	-51	-0.11	18	0.02
65+	-62	-0.08	-88	-0.09	67	0.06
Total	-755	-0.03	-556	-0.02	3,642	0.09

Gyeongju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	93	0.02	-8	0.00	5	0.00
5-9	-367	-0.07	209	0.03	238	0.04
10-14	529	0.11	159	0.03	337	0.05
15-19	-99	-0.03	-471	-0.12	-226	-0.05
20-24	-267	-0.09	-383	-0.13	-220	-0.06
25-29	176	0.06	0	0.00	17	0.01
30-34	88	0.04	112	0.04	44	0.01
35-39	168	0.08	69	0.03	94	0.03
40-44	-6	-0.00	-26	-0.01	-20	-0.01
45-49	49	0.03	16	0.01	-19	-0.01
50-54	14	0.01	-5	-0.00	15	0.01
55-59	46	0.04	39	0.03	24	0.02
60-64	-27	-0.03	-41	-0.04	18	0.01
65+	49	0.03	39	0.02	60	0.03
Total	448	0.01	-291	-0.01	365	0.01

Table II. Net Internal Migration for Each

Gimcheon

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-201	-0.05	-30	-0.01	-2	0.00
5-9	-30	-0.01	35	0.01	167	0.04
10-14	194	0.06	129	0.03	531	0.11
15-19	144	0.05	-57	-0.02	488	0.12
20-24	-1,106	-0.56	-641	-0.31	-494	-0.20
25-29	-187	-0.12	101	0.05	-20	-0.01
30-34	-192	-0.14	98	0.05	41	0.02
35-39	292	-0.06	71	0.05	74	0.04
40-44	-26	-0.02	-56	-0.04	-17	-0.01
45-49	11	0.01	-29	-0.02	2	0.00
50-54	0	0.00	-42	-0.04	-94	-0.09
55-59	-24	-0.04	-77	-0.12	-13	-0.02
60-64	-2	-0.00	-28	-0.07	-27	-0.05
65+	-43	-0.08	-35	-0.06	-33	-0.05
Total	-1,554	-0.06	-560	-0.02	602	0.02

Masan

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-244	-0.02	-1,164	-0.12	812	0.07
5-9	1,755	0.15	-158	-0.01	1,526	0.13
10-14	1,631	0.16	-964	-0.09	1,487	0.11
15-19	2,923	0.28	-468	-0.05	2,892	0.23
20-24	-607	-0.10	-3,394	-0.51	187	0.02
25-29	-781	-0.15	-303	-0.05	1,444	0.19
30-34	-78	-0.02	-243	-0.05	1,007	0.14
35-39	-476	-0.10	-754	-0.17	566	0.10
40-44	54	0.02	-459	-0.12	234	0.05
45-49	-160	-0.05	-458	-0.16	-45	-0.01
50-54	-241	-0.11	-419	-0.19	-231	-0.09
55-59	-110	-0.08	-280	-0.17	-124	-0.07
60-64	-39	-0.04	-113	-0.11	-103	-0.08
65+	-27	-0.02	-170	-0.13	-108	-0.08
Total	3,603	0.05	-9,347	-0.12	9,543	0.10

Jinju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	46	0.01	43	0.01	84	0.01
5-9	-45	-0.01	550	0.07	626	0.08
10-14	223	0.04	952	0.13	1,711	0.18
15-19	792	0.14	1,804	0.26	2,670	0.30
20-24	-1,504	-0.45	-904	-0.20	-1,109	-0.20
25-29	-361	-0.14	301	0.08	-38	-0.01
30-34	-50	-0.02	355	0.11	346	0.09
35-39	-432	-0.18	-196	-0.08	267	0.08
40-44	-44	-0.02	43	0.02	161	0.06
45-49	-35	-0.02	47	0.03	85	0.04
50-54	-276	-0.21	9	0.01	2	0.00
55-59	-47	-0.05	-19	-0.02	-8	-0.01
60-64	-22	-0.03	-41	-0.05	-50	-0.05
65+	-138	-0.16	-54	-0.06	23	0.02
Total	-1,894	-0.04	2,890	0.06	4,770	0.08

City by Age Group and Sex, 1955-70

Gimcheon

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-191	-0.05	-28	-0.01	-2	0.00
5-9	54	0.01	32	0.02	90	0.02
10-14	150	0.05	-9	-0.00	359	0.08
15-19	29	0.01	-183	-0.07	106	0.03
20-24	-368	-0.18	-386	-0.19	-214	-0.09
25-29	-182	-0.10	49	0.02	36	0.02
30-34	-125	-0.08	79	0.04	76	0.03
35-39	-41	-0.03	21	0.01	12	0.01
40-44	-140	-0.12	-111	-0.08	-50	-0.03
45-49	7	0.01	-51	-0.05	-42	-0.03
50-54	84	0.10	-24	-0.03	-39	-0.04
55-59	-77	-0.13	-60	-0.08	8	0.01
60-64	0	0.00	-7	-0.01	-28	-0.04
65+	-104	-0.12	-3	-0.00	-18	-0.02
Total	-904	-0.04	-631	-0.02	293	0.01

Masan

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-232	-0.02	-1,039	-0.11	761	0.07
5-9	1,648	0.15	-409	-0.04	1,225	0.11
10-14	1,583	0.16	-840	-0.08	1,443	0.11
15-19	2,074	0.21	-623	-0.07	3,515	0.27
20-24	-180	-0.03	-2,711	-0.41	1,633	0.17
25-29	-315	-0.05	-988	-0.16	1,108	0.14
30-34	-125	-0.02	-698	-0.13	540	0.08
35-39	-252	-0.05	-441	-0.09	437	0.07
40-44	97	0.03	-429	-0.11	73	0.02
45-49	92	0.03	-317	-0.11	174	0.04
50-54	0	0.00	-318	-0.14	-194	-0.08
55-59	-185	-0.12	-74	-0.04	43	0.02
60-64	-43	-0.03	-31	-0.02	39	0.02
65+	104	0.04	-111	-0.04	-121	-0.04
Total	4,265	0.05	-9,080	-0.12	10,676	0.11

Jinju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	44	0.01	40	0.01	79	0.01
5-9	-57	-0.01	690	0.09	492	0.07
10-14	-183	-0.03	962	0.14	788	0.10
15-19	148	0.03	1,001	0.17	1,481	0.19
20-24	-640	-0.17	-521	-0.12	-437	-0.08
25-29	-84	-0.03	15	0.00	40	0.01
30-34	-45	-0.02	257	0.07	218	0.05
35-39	-82	-0.03	123	0.04	200	0.05
40-44	-151	-0.08	17	0.01	260	0.08
45-49	-113	-0.07	72	0.04	36	0.01
50-54	-113	-0.08	-20	-0.01	8	0.00
55-59	-42	-0.04	-20	-0.02	-7	-0.00
60-64	-27	-0.03	41	0.04	46	0.04
65+	-203	-0.14	-5	0.00	80	0.04
Total	-1,548	-0.04	2,651	0.05	3,283	0.05

Table II. Net Internal Migration for Each

Chungmu

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-1,191	-0.32	-263	-0.07	-40	-0.01
5-9	-941	-0.28	-28	-0.01	100	0.03
10-14	-1,288	-0.41	-43	-0.01	202	0.05
15-19	-850	-0.32	21	0.01	341	0.10
20-24	-1,409	-0.76	-567	-0.29	-428	-0.19
25-29	-1,131	-0.80	-151	-0.09	-7	-0.00
30-34	-765	-0.48	82	0.05	112	0.06
35-39	-938	-0.67	-337	-0.26	-25	-0.02
40-44	-546	-0.50	-144	-0.12	22	0.02
45-49	-399	-0.41	-19	-0.02	19	0.02
50-54	-311	-0.39	-86	-0.11	-106	-0.13
55-59	-333	-0.61	-90	-0.15	-27	-0.04
60-64	-143	-0.31	-43	-0.11	-9	-0.02
65+	-248	-0.41	-34	-0.05	-35	-0.05
Total	-10,494	-0.45	-1,701	-0.07	119	0.00

Jinhae

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	245	0.04	200	0.03	277	0.04
5-9	166	0.03	-757	-0.12	-825	-0.13
10-14	100	0.03	558	-0.13	-233	-0.04
15-19	867	0.26	29	0.01	495	0.11
20-24	-1,361	-0.49	-366	-0.13	364	0.10
25-29	140	0.05	1,030	0.28	1,700	0.39
30-34	-116	-0.05	492	0.13	601	0.13
35-39	446	0.20	516	0.19	-202	-0.06
40-44	-43	-0.03	-447	-0.27	-389	-0.18
45-49	86	0.08	-148	-0.13	-55	-0.04
50-54	-74	-0.09	-120	-0.14	-121	-0.13
55-59	-33	-0.06	-28	-0.04	-35	-0.05
60-64	-2	-0.01	-33	-0.07	20	0.04
65+	-24	-0.04	-20	-0.03	9	0.01
Total	396	0.01	-209	-0.01	1,606	0.03

Samcheonpo

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	-224	-0.06	-147	-0.04
5-9	—	—	-166	-0.04	-63	-0.02
10-14	—	—	-139	-0.04	-106	-0.03
15-19	—	—	-352	-0.13	-392	-0.15
20-24	—	—	-182	-0.08	-220	-0.09
25-29	—	—	-177	-0.09	-258	-0.15
30-34	—	—	-24	-0.01	-219	-0.12
35-39	—	—	-135	-0.10	-104	-0.07
40-44	—	—	-81	-0.07	-20	-0.02
45-49	—	—	-37	-0.04	-21	-0.02
50-54	—	—	-95	-0.12	-32	-0.04
55-59	—	—	-4	-0.01	-26	-0.04
60-64	—	—	-41	-0.08	-27	-0.05
65+	—	—	-5	-0.01	-3	-0.00
Total	—	—	-1,662	-0.06	-1,640	-0.06

City by Age Group and Sex, 1955-70

Chungmu

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	-1,129	-0.33	-246	-0.08	-37	-0.01
5-9	-746	-0.23	-33	-0.01	70	0.02
10-14	-1,136	-0.38	52	0.02	117	0.03
15-19	-947	-0.38	-213	-0.08	-93	-0.03
20-24	-1,091	-0.52	-347	-0.17	-52	-0.02
25-29	-1,104	-0.62	-325	-0.18	-62	-0.03
30-34	-825	-0.48	-151	-0.09	-59	-0.03
35-39	-766	-0.49	-152	-0.10	35	0.02
40-44	-604	-0.54	-88	-0.06	-62	-0.04
45-49	-356	-0.35	-51	-0.05	-13	-0.01
50-54	-396	-0.52	-106	-0.13	-66	-0.07
55-59	-239	-0.34	-46	-0.07	-24	-0.03
60-64	-169	-0.27	-52	-0.11	6	0.01
65+	-289	-0.26	-12	-0.01	-70	-0.05
Total	-9,796	-0.40	-1,730	-0.07	-309	-0.01

Jinhae

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	232	0.04	187	0.03	259	0.04
5-9	172	0.04	-396	-0.07	-454	-0.08
10-14	206	0.06	-338	-0.08	-271	-0.05
15-19	594	0.18	27	0.01	403	0.09
20-24	514	0.16	222	0.07	1,203	0.28
25-29	539	0.14	1,211	0.27	1,138	0.25
30-34	-115	-0.05	-427	-0.13	-372	-0.09
35-39	-6	-0.00	-285	-0.14	-400	-0.14
40-44	58	0.05	-103	-0.07	-155	-0.08
45-49	-5	-0.00	-25	-0.02	1	0.00
50-54	13	0.02	24	0.03	-26	-0.03
55-59	-30	-0.05	33	0.04	58	0.07
60-64	-2	-0.00	19	0.03	51	0.07
65+	-46	-0.05	19	0.02	64	0.05
Total	2,124	0.06	169	0.00	1,499	0.03

Samcheonipo

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	-209	-0.06	-138	-0.04
5-9	—	—	-208	-0.05	-58	-0.02
10-14	—	—	-183	-0.06	-131	-0.04
15-19	—	—	-374	-0.15	-397	-0.16
20-24	—	—	-292	-0.14	-343	-0.17
25-29	—	—	-367	-0.20	-273	-0.15
30-34	—	—	-103	-0.06	-28	-0.02
35-39	—	—	-36	-0.02	-49	-0.03
40-44	—	—	-98	-0.07	-8	-0.01
45-49	—	—	-88	-0.09	-35	-0.03
50-54	—	—	-61	-0.07	16	0.02
55-59	—	—	-25	-0.03	-49	-0.07
60-64	—	—	-21	-0.04	2	0.00
65+	—	—	-26	-0.02	-40	-0.03
Total	—	—	-2,091	-0.08	-1,533	-0.06

Table II. Net Internal Migration for Each

Ulsan

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	926	0.12	1,965	0.16
5-9	—	—	790	0.10	2,035	0.20
10-14	—	—	350	0.05	1,634	0.17
15-19	—	—	367	0.07	2,456	0.30
20-24	—	—	631	0.14	2,331	0.32
25-29	—	—	2,572	0.50	4,664	0.53
30-34	—	—	1,663	0.39	2,681	0.34
35-39	—	—	929	0.31	1,286	0.23
40-44	—	—	536	0.23	577	0.17
45-49	—	—	354	0.19	296	0.12
50-54	—	—	197	0.11	209	0.11
55-59	—	—	53	0.04	48	0.03
60-64	—	—	33	0.03	107	0.08
65+	—	—	-138	-0.10	23	0.01
Total	—	—	9,262	0.17	20,314	0.25

Andong

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	156	0.03	283	0.06
5-9	—	—	-92	-0.02	458	0.09
10-14	—	—	640	0.14	1,465	0.23
15-19	—	—	996	0.25	1,442	0.27
20-24	—	—	-16	-0.01	-736	-0.24
25-29	—	—	-359	-0.18	387	0.15
30-34	—	—	-64	-0.04	500	0.19
35-39	—	—	315	0.21	318	0.15
40-44	—	—	263	0.18	176	0.11
45-49	—	—	5	0.00	-15	-0.01
50-54	—	—	-28	-0.03	72	0.06
55-59	—	—	-136	-0.21	-5	-0.01
60-64	—	—	-123	-0.29	-17	-0.03
65+	—	—	-326	-0.49	-56	-0.09
Total	—	—	1,231	0.04	4,273	0.11

Jeju

Male

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	27	0.00	294	0.04	527	0.06
5-9	79	0.02	465	0.08	671	0.09
10-14	3	0.00	612	0.12	817	0.12
15-19	243	0.06	1,126	0.24	1,577	0.26
20-24	-598	-0.19	-476	-0.13	-174	-0.04
25-29	385	0.15	352	0.10	925	0.22
30-34	-356	-0.22	226	0.08	525	0.13
35-39	-111	-0.08	194	0.11	189	0.06
40-44	-2	-0.00	67	0.05	35	0.02
45-49	44	0.04	71	0.06	63	0.04
50-54	42	0.05	22	0.02	69	0.06
55-59	27	0.04	22	0.03	68	0.07
60-64	18	0.03	45	0.07	50	0.07
65+	5	0.00	117	0.10	34	0.03
Total	-194	-0.01	3,137	0.08	5,376	0.10

City by Age Group and Sex, 1955-70

Ulsan

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	866	0.11	1,841	0.16
5-9	—	—	920	0.13	1,962	0.20
10-14	—	—	556	0.09	1,664	0.19
15-19	—	—	265	0.05	1,773	0.24
20-24	—	—	867	0.20	2,973	0.39
25-29	—	—	1,049	0.22	3,029	0.40
30-34	—	—	865	0.24	1,628	0.26
35-39	—	—	596	0.20	781	0.18
40-44	—	—	-143	-0.06	353	0.11
45-49	—	—	370	0.18	356	0.13
50-54	—	—	50	0.03	237	0.11
55-60	—	—	34	0.02	290	0.15
60-64	—	—	67	0.06	196	0.12
65+	—	—	-88	-0.04	218	0.08
Total	—	—	6,253	0.12	17,301	0.22

Andong

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	—	—	146	0.03	265	0.05
5-9	—	—	-175	-0.04	520	0.10
10-14	—	—	391	0.10	770	0.15
15-19	—	—	404	0.13	862	0.19
20-24	—	—	9	0.00	130	0.04
25-29	—	—	20	0.01	426	0.16
30-34	—	—	156	0.08	266	0.11
35-39	—	—	320	0.17	263	0.12
40-44	—	—	143	0.10	46	0.03
45-49	—	—	-70	-0.06	66	0.04
50-54	—	—	-197	-0.21	13	0.01
55-59	—	—	-161	-0.21	0	0.00
60-64	—	—	-193	-0.39	2	0.00
65+	—	—	-246	-0.24	60	0.05
Total	—	—	545	0.02	3,689	0.10

Jeju

Female

	55-60		60-65		65-70	
	No.	Rate	No.	Rate	No.	Rate
0-4	26	0.00	275	0.04	493	0.06
5-9	79	0.02	503	0.09	543	0.08
10-14	-99	-0.03	440	0.09	548	0.09
15-19	-352	-0.11	248	0.07	748	0.15
20-24	-441	-0.16	22	0.01	507	0.12
25-29	138	0.05	535	0.16	927	0.22
30-34	111	0.05	188	0.06	398	0.11
35-39	35	0.02	148	0.06	279	0.09
40-44	67	0.04	84	0.04	106	0.04
45-49	-15	-0.01	145	0.09	132	0.06
50-54	50	0.04	19	0.01	-51	-0.03
55-59	-74	-0.06	-14	-0.01	130	0.08
60-64	-29	-0.03	80	0.07	81	0.06
65+	95	0.04	252	0.09	256	0.08
Total	-408	-0.01	2,925	0.07	5,096	0.09

國內人口移動：純移動量 및 率의 推定 1955~70

권 태 환

여기에 제시하고자 하는 資料는 1955年에서 1970年 사이에 걸쳐 5年기간 別로 推定된 韓國 國內移動의 純移動量 및 率이다. 이 研究에서는 (1) 道別—農村 都市地域別 純移動 및 (2) 個別 市地域에 있어서의 純移動의 두가지 種類의 推定을 行하고 있다. 純 國內人口移動量 및 率은 「前進센서스生殘率法」을 적용하여 推定하였다. 推定된 數值間의 比較性을 確保하기 위해 센서스 資料에 다음과 같은 修正을 하였다. (1) 각각의 센서스기간 사이에 있어서의 單位地域의 境界 및 市郡區分의 變更에 따른 修正 (2) 現地主義에 입각해 수집된 1955年 센서스에 있어서의 軍隊人口의 常住地主義原則에 따른 再分布, (3) 센서스 間격의 調整이 그것이다.

單位地域의 境界 및 市郡區分의 變動은 1960年과 1966年 센서스 사이에서 가장 광범하게 일어났다. 1955年과 1960年사이에도 약간의 變動이 있었으나 1966年과 1970年 센서스 기간 동안에는 아무런 地域再調整이 없었다. 地域再調整에 따른 센서스 人口의 修正은 두個의 연속된 센서스 중 나중 센서스 地域을 基準으로하여 먼저 센서스 人口를 修正하는 方法으로 이루어졌다.

現地主義원칙에 따라 當時 주둔중인 地域에서 調査된 1955年 센서스의 軍隊人口를 常住地主義原則에 입각한 前 居住地域 또는 家族의 居住地로 再割當하는데는, 1956年 年末常住人口 調査와 1960年 센서스 및 1961年 年末常住人口 調査資料가 이용되었다.

本推定에 있어서는, 推定值間의 比較가 可能하도록 각 기간의 間隔을 精確히 5年으로 定하였다. 그러나 실제 1955年에서 1970年 사이의 센서스 기간은 同一하지 않다. 상이한 센서스 間격의 修正은 1970年 센서스 日字(10月 1日)를 基準으로 하여 이루어졌다. 1955年 10月 1日, 1960年 10月 1日, 1965年 10月 1日 현재 人口의 數 및 分布는 1955, 1960, 1966 및 1970年 센서스 資料를 기초로하여 推定되었다.

이와같이 修正된 資料를 토대로하여 純國內 人口移動의 量과 率이 추정되었다. 推定에 사용되는 두개의 센서스 가운데 나중 센서스의 5세간격 연령집단을 基準으로 삼을때, 5~9세 이상 집단의 純移動 量의 推定은 다음과 같은 公式에 따라 행하였다.

$$M_{ij} = P^2_{ij} - P^1_{i,j-1} \cdot S_{j-1}$$

이때 M_{ij} 는 i 地域에 있어서의 j 年령층의 純移動量, P^2 는 나중 센서스의 人口, P^1 은 먼저 센서스의 人口, S_{j-1} 은 全國人口의 $j-1$ 年령층에서 j 年령층까지의 센서스 生殘率을 뜻한다. 한편 0~4세 人口의 純移動量은

$$M_{i1} = C \cdot F_i / 2$$

의 公式을 使用하여 計算하였다. 이때 C 는 全國人口의 男女別 加重母兒比를, F_i 는 i 地域에 있어서 20~49세 純女性 移動人口의 加重值를 意味한다. 女性人口의 加重值는 1955~70年 동안의 年齡別特殊出產率을 고려하여, 20~49세 사이의 5세간격 集團에 대해 3·6·6·5·2·1의 比率를 각각 적용하여 구했다. 끝으로 純移動率은 다음과 같이 計算되었다.

$$m_{ij} = M_{ij} / P_{ij}^2$$

이와같은 純移動率의 推定은 아래와같은 假定위에서 이루어지고 있다.

- (1) 全國人口가 閉鎖되어 있다. 즉 國外 人口移動이 없다.
- (2) 모든 單位地域의 年齡別 特殊死亡率은 全國의 그것과 同一하다.
- (3) 全國調査의 完全성에 對한 한 單位地域 調査의 完全성의 比는, 同一 코호트에 있어서 는 同一하다.

이중 閉鎖人口의 가정은 1955年에서 1970年에 걸친 15年에는 별 무리가 없음이 이미 證明되었다. 반면 地域間 同一 特殊死亡率의 假定에 대해서는 地域別 差別死亡率에 관한 資料의 不足으로 確실한 判斷을 내리기는 困難하다. 그러나 몇 가지 단편적인 都市農村地域의 死亡 추세에 관한 資料를 근거로 판단할 때 이 假定도 별 무리가 없는 것으로 판단된다.

마지막으로, 調査의 完全성에 關한 假定이 妥當한가의 與否는 근본적으로 센서스사이의 어떤 內在的 聯關性이 있느냐 없느냐에 달려 있다. 또한 센서스사이의 內在的 聯關性은 文化的 同質성과 큰 關係가 있다. 우리나라의 경우 全國이 하나의 同一한 文化圈에 속함은 周知의 사실이다. 地域적으로 다소의 文化的 異質性이 관찰되나 그 異質性 自體가 傳統적인 바탕을 가진 持續적인 것이라는 점에서 볼 때, 이것이 調査의 完全성의 地域間 差異類型의 假定에 별 영향을 미치지 않을 것임은 충분히 想定할 수 있다. 실제로 센서스報告에 있어서의, 高度의 內在的 聯關性은 한국 센서스 年齡構造 및 오류보고의 分析에서 잘 나타나고 있다. 結論적으로 「前進센서스生殘率法」에 의한 1955~70年에 걸친 國內人口移動의 純移動量 및 率의 推定은 상당히 신뢰할만한 것으로 여겨진다.