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ESTIMATES OF NET INTERNAL MIGRATION FOR KOREA 1975-80*

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Information on migration has been enumerated in Korean censuses since 1970. It includes the place of birth, the place of residence five years ago and the place of residence one year prior to the census date. These sets of information constitute the basic data source for research on recent migration in Korea. Though valuable, however, the data are known to be subjected to considerable reporting errors. For instance, the total number of net urban-rural migrants during the five years 1965-70 as reported in the 1970 census was estimated to amount to 61-63 per cent of that expected from indirect census estimates (ESCAP, 1980: 12), and the equivalent 1980 reporting covers about 75 per cent of that expected from the census estimates presented below. The reportings on migration status during the one year before the census appear to be no better than those for the five year span. In addition, the quality of data is known to differ significantly in terms of age and spatial unit adopted. Therefore, so far as the net volumes and rates of migration are concerned, the best information we can obtain is yet the estimates based on two census populations. These also are the only information which enable us to examine the trends and patterns of migration in Korea over the 25 years since 1955 and for the earlier years 1925-40.

Method of Estimation

In the following, two sets of the estimates of internal migration for the intercensal period 1975-80 are presented: that is, the estimates for provinces by urban-rural distinction and those for individual cities. In the current estimates, 'urban' area denotes to administratively defined city (*shi*) areas.¹ The volumes and rates for each spatial unit were calculated by adopting the forward census survival ratio method developed by Everett Lee (1960), except for the age group 0-4. For this age group, weighted child-woman ratios were employed instead of simple child-woman ratios recommended by Lee. Weights were assigned to the quinquennial age groups of woman between the ages 20 and 44 in consideration of the actual fertility differences among those groups during 1975-80. The weights assigned are:

age group:	20-24	25-29	30-34	35-39	40-44
weight:	2	6	3	2	1

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1. For definitional problems of the term 'urban' area, see ESCAP, 1980: 6-8.

Data Arrangement

In estimating the sizes and rates of migration of a particular area based on two census populations, it is essential to ensure the comparability of population figures for the area reported in the two censuses involved. The most ostensive factor affecting the comparability in Korea is changes in boundary and administratively designated status of the unit areas. During the intercensal period 1975-80, four *eups* (townships) newly acquired city (urban) status (Dong-hae, Je-cheon, Gu-mi and Yeong-ju) and one city (Ma-san) was divided into two cities (Ma-san and Chang-weon), thus increasing the total number of cities from 35 to 40. In addition, two other cities underwent boundary adjustment (Busan and Eui-jeong-bu).

In order to achieve comparability in these affected areas between the censuses 1975 and 1980, the status and boundary at the 1980 were taken as standard and the 1975 populations were accordingly adjusted. Data required for the adjustment of population and its structure are directly available from the 1975 census report for most of the affected areas. Only in the case of three cities (Busan, Eui-jeong-bu and Yeong-ju), the population and its age-sex structure for the newly annexed areas from the nearby rural districts had to be estimated. The estimation was carried out based on the assumptions that the 1975 population of the *Myun* (the lowest administrative unit in rural district for which basic population information is available) from which the annexed area under consideration was transferred was evenly distributed among the constituting *Lis* (sub-divisions of *Myun*) and that the age-sex structure of the annexed area was the same with that of the entire *Myun*.

Such administrative adjustments naturally brought about changes in the total, urban and/or rural boundaries of some provinces. The resultant per cent gains and losses of the 1975 population due to boundary adjustment for all, urban and rural areas in each province are presented below:

**Per Cent Gain or Loss of the 1975 Population Resulting From Boundary and Status
Changes of the Unit Areas during the Intercensal Period 1975-80 for All,
Urban and Rural Areas in Each Province**

	(per cent)											
	Seoul	Busan	Gyeonggi	Gangweon	Chungbug	Chungnam	Jeonbug	Jeonnam	Gyeongbug	Gyeongnam	Jeju	Total
All	—	1.77	—	—	—	—	—	—	—	-1.30	—	—
Urban	—	1.77	0.26	22.14	24.91	—	—	—	7.30	—	—	2.02
Rural	*	*	-0.18	-6.39	-6.06	—	—	—	-4.83	-1.91	—	-1.89

Quality of the Estimates

Regards the general quality of the estimates and the major factors affecting the quality, no particular mention is needed here since basically the same discussions are applied to the current estimates with those already presented in relation to the estimates of net internal migration for the earlier intercensal periods between 1955 and 1975 (Kwon, 1978: 44-45; Kwon, 1975: 55-59).

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TABLE A(1) CONTINUED

WHOLE AREA	SEUL	BUSAN	GYEONG GI	GANG WEOON	CHUNG BUG	CHUNG NAM		JEON BUG	JEON NAM	GYEONG BUG	GYEONG NAM	PER CENT RATES JEJU	WHOLE COUNTRY
						MALE	FEMALE						
0-4	7.43	9.08	10.13	-5.64	-11.57	-8.02	-12.84	-11.07	-4.86	-1.76	2.63	0.00	
5-9	8.33	9.54	5.49	-11.56	-10.11	-2.40	-11.07	-4.95	-3.56	-2.87	0.85	0.00	
10-14	12.97	13.19	2.19	-12.27	-9.14	-2.20	-9.36	-7.19	-3.70	-6.25	4.84	0.00	
15-19	24.90	27.87	14.84	-13.88	-24.78	-13.66	-23.58	-29.64	-5.63	-16.70	6.08	0.00	
20-24	10.92	11.06	15.37	-13.09	-14.43	-10.91	-17.35	-17.49	-6.96	-1.99	4.88	0.00	
25-29	18.02	23.12	25.62	-10.47	-37.12	-30.76	-47.92	-43.74	-13.55	-6.24	7.28	0.00	
30-34	5.52	13.14	19.60	-15.40	-19.67	-11.03	-25.83	-19.64	-7.82	-0.50	4.02	0.00	
35-39	4.28	7.15	8.13	-14.58	-9.19	-1.74	-11.69	-9.35	-3.59	-0.71	5.21	0.00	
40-44	6.02	7.63	1.60	-11.43	-6.59	-0.83	-7.62	-4.98	-2.24	-2.58	4.53	0.00	
45-49	4.76	6.58	4.47	-7.21	-5.06	-1.23	-5.35	-5.25	-1.76	-3.50	4.87	0.00	
50-54	2.29	4.97	6.81	-5.77	-4.21	-0.89	-4.45	-3.73	-0.65	-2.86	4.34	0.00	
55-59	0.01	3.24	7.11	-5.72	-1.96	0.90	-2.97	-2.98	0.34	-2.25	4.30	0.00	
60-64	-0.32	3.24	6.57	-5.89	-2.52	-0.16	-3.46	-1.52	0.01	-1.08	3.24	0.00	
65+	8.61	6.14	7.05	-2.77	-2.87	0.34	-5.18	-6.50	-0.99	-6.30	2.34	0.00	
TOTAL	10.61	13.04	10.96	-11.31	-13.19	-7.08	-14.95	-13.23	-4.89	-4.66	4.15	0.00	
0-4	4.34	5.96	7.38	-4.82	-7.64	-4.01	-8.83	-6.25	-3.90	-1.26	2.31	0.00	
5-9	6.98	7.78	6.12	-10.84	-8.81	-2.26	-10.12	-4.51	-3.42	-1.33	1.32	0.00	
10-14	11.40	13.33	3.55	-11.83	-9.11	-1.95	-9.20	-7.11	-2.77	-5.62	6.00	0.00	
15-19	28.70	34.88	17.67	-31.15	-37.05	-18.96	-34.30	-42.10	-5.31	-17.82	-0.90	0.00	
20-24	16.47	19.48	18.33	-17.34	-30.23	-22.06	-36.01	-34.01	-9.40	-13.18	2.05	0.00	
25-29	4.33	9.82	18.62	-7.98	-18.73	-10.29	-27.09	-16.10	-10.05	0.38	8.37	0.00	
30-34	3.34	5.93	9.92	-13.74	-12.11	-2.38	-12.58	-9.34	-4.91	0.79	4.20	0.00	
35-39	6.50	7.88	2.64	-13.07	-6.96	-0.82	-7.89	-6.57	-3.12	-3.85	4.48	0.00	
40-44	5.54	7.88	3.16	-9.29	-5.17	-1.58	-5.86	-5.30	-2.08	-3.76	4.09	0.00	
45-49	3.78	8.07	6.29	-6.70	-4.40	-1.07	-5.14	-4.28	-2.21	-4.21	4.09	0.00	
50-54	3.63	7.75	3.53	-7.92	-5.42	-1.39	-4.43	-4.56	-1.84	-3.30	4.43	0.00	
55-59	4.37	9.06	9.14	-5.90	-6.47	-1.58	-5.92	-5.23	-2.59	-3.66	2.42	0.00	
60-64	8.11	10.94	7.17	-6.01	-6.51	-3.73	-7.25	-4.92	-3.74	-2.83	1.85	0.00	
65+	9.91	12.20	5.57	-3.91	-6.82	-1.52	-6.94	-3.96	-3.11	-6.24	1.51	0.00	
TOTAL	9.99	13.11	10.08	-12.01	-13.29	-6.27	-14.35	-12.15	-4.55	-5.31	3.13	0.00	
0-4	5.95	7.58	3.00	-5.24	-9.48	-6.08	-10.39	-8.74	-4.40	-1.52	2.48	0.00	
5-9	7.68	6.69	5.79	-11.21	-9.48	-2.33	-10.61	-4.74	-3.65	-2.15	1.08	0.00	
10-14	12.22	13.26	2.55	-12.06	-9.13	-2.08	-9.28	-7.15	-3.25	-5.94	5.41	0.00	
15-19	26.79	31.46	16.25	-24.48	-30.39	-16.16	-28.55	-35.36	-5.48	-17.24	2.12	0.00	
20-24	13.87	15.57	16.88	-15.02	-21.27	-15.88	-24.43	-24.61	-8.13	-7.22	4.20	0.00	
25-29	11.06	16.41	22.16	-9.25	-28.18	-20.59	-37.51	-29.92	-11.81	-2.99	7.32	0.00	
30-34	4.43	9.65	15.08	-14.58	-15.12	-6.81	-19.31	-14.56	-6.41	0.11	4.11	0.00	
35-39	5.26	7.05	5.11	-13.83	-3.06	-1.28	-9.74	-7.94	-3.35	-2.26	4.96	0.00	
40-44	5.79	7.75	3.36	-10.40	-5.89	-1.21	-6.71	-5.14	-2.16	-3.17	4.31	0.00	
45-49	4.28	7.33	5.19	-6.95	-4.71	-1.15	-5.24	-4.74	-1.99	-3.87	4.45	0.00	
50-54	2.99	6.46	7.75	-6.94	-4.88	-1.43	-4.98	-4.18	-1.30	-3.10	4.40	0.00	
55-59	2.33	6.43	8.20	-5.81	-4.35	-0.42	-4.54	-4.19	-1.54	-3.13	3.09	0.00	
60-64	4.50	7.62	6.89	-5.96	-4.62	-2.07	-5.53	-3.38	-1.99	-2.04	2.34	0.00	
65+	9.48	10.26	6.22	-3.42	-5.17	-0.79	-6.29	-4.66	-2.28	-6.26	1.74	0.00	
TOTAL	10.30	13.07	10.52	-11.65	-13.24	-6.68	-14.55	-12.69	-4.72	-4.98	3.64	0.00	

BOTH SEXES

TABLE A: ESTIMATES OF NET INTERNAL MIGRATION FOR EACH PROVINCE BY FIVE YEAR AGE GROUP AND SEX, 1975-80 (2)

URBAN AREA	SEOUL	BUSAN	GYEONG GI	GANG WEON	CHUNG BUG	CHUNG NAM		JEON BUG	JEON NAM	GYEONG BUG	GYEONG NAM	JEJU	NUMBERS WHOLE COUNTRY
						MALE	FEMALE						
0-4	31664	16113	26630	1241	974	2481	152	150	8545	13596	810	102378	
5-9	40086	17902	20075	2584	2727	6099	1917	5291	10956	8633	633	116903	
10-14	58371	22877	15351	6074	5059	8853	5236	10683	20701	8769	1101	163075	
15-19	118545	50217	47971	3584	8011	19619	12614	27992	52387	21883	2206	370027	
20-24	53810	19542	34574	450	-1632	623	-5198	-17928	11806	11806	463	94021	
25-29	74031	36200	56386	2594	2619	4827	672	2622	23212	32642	1778	237584	
30-34	18880	17280	34684	1604	1408	4027	1390	4959	8471	14950	1096	109248	
35-39	12855	7684	14432	1401	1127	3003	1201	2772	5232	5747	650	56154	
40-44	15652	6971	3793	1384	1048	2596	1415	2793	4989	3037	424	46102	
45-49	3819	4385	5066	685	487	1519	752	861	3002	1403	257	27436	
50-54	2720	2204	3643	400	248	554	-6	160	1462	422	52	11863	
55-59	9	636	2146	234	136	357	54	75	657	346	6057	6057	
60-64	-181	1401	3433	605	512	914	-207	-10	413	257	-7	3773	
65+	5956	1401	3433	605	512	914	180	394	1538	565	71	15620	
TOTAL	441235	264490	273154	26233	22943	55907	20673	40814	139124	124055	9607	1350240	
0-4	17135	9819	18285	616	653	1400	289	889	5414	8454	645	63804	
5-9	30880	13495	18947	4101	2559	4856	1311	3540	8257	7539	446	95931	
10-14	46447	21141	14595	4513	4041	7110	3853	7990	15832	7258	876	133656	
15-19	135480	65776	57427	6388	8043	17829	8863	16723	55233	26797	1919	400477	
20-24	91631	39731	48567	1046	834	1987	-264	-4698	21974	13520	1448	215620	
25-29	18387	15741	38275	1534	1017	1831	207	2517	8353	21245	1231	110555	
30-34	11385	7289	18375	973	1021	2891	508	2181	3367	7459	649	56099	
35-39	18023	6819	7517	1362	1336	2588	1528	2708	5266	3449	404	51021	
40-44	13209	6613	5360	972	890	1992	1058	1882	4429	2214	293	38904	
45-49	6786	5458	5923	608	410	1248	407	697	2606	1437	174	25755	
50-54	4709	3984	5936	353	298	597	-190	51	1426	1038	74	18278	
55-59	4503	3653	5790	562	242	835	-47	398	1522	1476	62	18995	
60-64	6155	2832	4279	643	399	784	277	913	1605	1076	73	19037	
65+	13754	5896	6543	1766	946	2359	855	2733	4701	1730	229	41533	
TOTAL	418454	208245	255821	25678	22735	48308	18654	38536	139986	104694	8524	1269665	
0-4	48818	25932	44915	2058	1632	3881	441	1040	13960	22050	1455	166182	
5-9	70966	31396	39021	6686	5286	10955	3228	8831	19213	16172	1079	212834	
10-14	104817	44018	29946	10587	9100	15963	9089	18673	36533	16027	1978	296730	
15-19	254025	115993	105398	14972	16053	37448	21476	44715	107619	45680	4125	770504	
20-24	145441	59273	83141	1496	-748	2610	-5462	-22616	19485	25327	1694	309641	
25-29	92418	51941	94661	4128	3537	6657	379	5139	31565	53857	3226	348139	
30-34	30265	24569	53059	2578	2428	6918	2398	7140	11838	22409	1745	165347	
35-39	30878	14504	21949	2783	2462	5591	2729	5430	10543	9166	1055	107174	
40-44	28662	13584	11153	3584	1928	4589	2473	4675	5608	5251	9418	85006	
45-49	15605	9842	10989	1493	897	2767	1159	1558	2639	2639	431	53190	
50-54	7429	6188	9586	753	545	1151	-197	211	2888	1460	126	30141	
55-59	4511	4730	8705	877	462	1271	8	473	2179	1823	133	25052	
60-64	5973	3467	6426	877	535	1141	70	904	2018	1332	66	22810	
65+	19709	7297	10026	2390	1459	3273	1035	3127	6239	2295	300	57152	
TOTAL	859719	412735	528975	53915	45678	104215	39327	79350	279111	228748	18131	2649904	

TABLE A(2) CONTINUED

URBAN AREA	SEOUL	BUSAN	GYEONG GI	GANG WEON	CHUNG BUG	JEON		GYEONG BUG	GYEONG NAM	JEJU	PER CENT WHOLE COUNTRY
						BUG	NAM				
0-4	7.43	9.03	18.04	4.31	4.06	5.70	0.42	6.99	14.74	8.08	8.69
5-9	8.33	9.54	14.88	7.61	10.11	13.03	4.33	8.43	6.79	5.55	9.30
10-14	12.97	13.19	13.63	16.39	17.65	19.17	12.35	15.88	13.57	10.03	13.81
15-19	24.90	27.87	35.22	21.14	24.69	34.39	25.83	33.05	29.13	21.29	28.24
20-24	10.92	11.06	25.10	1.35	-6.46	1.38	-14.11	-1.59	-27.57	5.45	7.65
25-29	18.02	23.18	44.03	11.33	13.93	14.79	2.59	21.07	41.67	22.89	22.89
30-34	5.52	13.14	32.12	9.74	10.04	14.94	7.71	9.73	23.41	17.58	12.63
35-39	4.28	7.15	19.97	9.25	8.40	12.43	6.05	7.51	12.71	11.94	7.81
40-44	6.02	9.31	9.31	7.97	7.97	12.43	7.73	7.89	6.59	9.05	7.44
45-49	4.76	6.56	11.19	6.65	5.13	9.54	5.20	6.31	5.65	7.67	6.08
50-54	2.29	4.97	12.38	4.36	4.01	5.22	-0.06	4.78	2.86	3.00	4.04
55-59	0.01	3.24	11.64	2.41	4.29	5.16	0.70	2.75	2.53	2.65	2.55
60-64	-0.32	3.24	12.68	3.99	3.77	6.57	-4.19	2.64	3.36	-0.86	2.60
65+	8.61	6.14	16.42	7.94	9.53	12.62	2.71	7.71	5.20	4.46	3.50
TOTAL	10.51	13.04	23.04	9.63	10.14	14.34	6.08	12.19	17.99	11.53	12.72
FEMALE											
0-4	4.34	5.96	13.29	3.04	2.95	3.45	0.34	4.80	9.80	6.94	5.93
5-9	6.98	7.78	14.93	12.89	10.12	11.42	3.26	6.94	9.64	4.14	8.25
10-14	11.40	13.33	13.77	13.30	15.85	17.13	10.03	13.58	11.14	8.91	12.44
15-19	28.70	34.88	40.57	17.75	26.82	34.40	20.90	36.35	21.55	20.34	31.33
20-24	16.47	19.48	29.55	3.30	3.38	4.26	-0.69	14.93	16.08	14.60	15.72
25-29	4.33	9.82	29.39	6.83	5.40	5.55	0.76	7.69	27.51	20.60	10.44
30-34	3.34	5.93	20.03	5.86	7.55	11.25	2.16	4.14	14.10	11.09	6.35
35-39	6.30	6.95	10.98	7.83	10.07	11.76	9.10	9.11	7.77	7.92	7.62
40-44	5.54	7.68	9.54	5.72	7.08	9.95	6.05	7.26	7.29	6.80	6.80
45-49	3.78	8.07	13.09	4.33	6.12	7.73	2.63	5.29	5.93	5.72	5.72
50-54	3.63	7.75	16.87	3.21	3.93	4.94	-1.71	3.94	5.52	2.93	5.46
55-59	4.37	9.06	19.51	6.29	3.98	8.67	-0.52	5.23	9.10	2.76	7.05
60-64	8.11	10.94	19.87	9.59	8.49	11.34	4.00	7.73	9.91	4.90	9.90
65+	9.91	12.60	17.51	14.33	10.03	17.18	6.21	11.58	7.78	5.35	11.37
TOTAL	9.99	13.11	21.43	8.94	10.10	12.64	5.53	12.26	15.37	10.13	12.04
BOTH SEXES											
0-4	5.95	7.58	15.75	3.70	3.53	4.62	0.62	5.94	12.35	7.53	7.31
5-9	7.68	8.69	14.93	10.17	10.12	12.26	3.89	7.70	10.82	7.53	8.80
10-14	12.82	13.26	13.70	14.92	16.80	18.21	11.25	14.80	11.54	9.50	13.16
15-19	26.79	31.46	37.95	19.55	23.71	34.40	23.54	34.67	32.04	20.84	29.77
20-24	13.87	15.57	27.57	2.30	-1.45	2.84	-7.25	6.99	15.97	10.00	11.92
25-29	11.06	16.61	36.65	9.10	5.68	10.16	1.65	14.43	23.39	16.60	16.60
30-34	4.43	9.65	26.57	7.79	8.82	13.14	4.99	7.03	19.19	16.43	9.83
35-39	5.26	7.05	14.75	8.04	9.23	12.47	7.04	7.64	11.07	9.95	7.72
40-44	4.75	6.86	9.42	6.86	7.54	11.22	6.92	7.58	7.99	7.97	7.13
45-49	4.28	7.33	12.14	5.46	4.61	8.63	3.91	5.79	5.79	6.27	5.90
50-54	2.99	6.46	14.82	3.73	3.99	5.07	-0.93	4.33	4.21	2.95	4.79
55-59	2.33	6.43	15.91	4.44	4.12	7.03	0.05	4.11	5.40	3.74	5.03
60-64	4.50	7.62	16.70	6.97	6.45	9.24	0.59	7.20	7.20	2.83	6.76
65+	9.48	10.26	17.11	11.91	9.84	15.61	5.07	10.31	6.93	5.10	10.41
TOTAL	10.30	13.07	22.26	9.32	10.12	13.50	5.81	12.22	16.59	10.83	12.38

TABLE A: ESTIMATES OF NET INTERNAL MIGRATION FOR EACH PROVINCE BY FIVE YEAR AGE GROUP AND SEX, 1975-80 (3)

RURAL AREA	SEOUL	BUSAN	GYEONG GI	GANG WEON	CHUNG BUG	CHUNG NAM		JEON BUG	JEON NAM	GYEONG BUG	GYEONG NAM	JEJU	NUMBERS WHOLE COUNTRY
						MALE	FEMALE						
0-4	0	0	2062	-6679	-9027	-14533	-15044	-21780	-20503	-16722	-152	-102378	
5-9	0	0	-4591	-16073	-11563	-10600	-18834	-18040	-22311	-14779	-364	-115903	
10-14	0	0	-9752	-20957	-13918	-13195	-20583	-31097	-32268	-21708	493	-163075	
15-19	0	0	-5849	-28430	-29549	-44609	-45369	-93740	-69386	-52229	-861	-370027	
20-24	0	0	9282	-12992	-9936	-17772	-16684	-14876	-16586	-15376	921	-94021	
25-29	0	0	3653	-9588	-21069	-35003	-33034	-51290	-49380	-41243	-624	-237584	
30-34	0	0	3064	-9143	-6618	-13502	-18443	-25733	-20850	-15113	-505	-109248	
35-39	0	0	-1875	-9111	-4573	-4352	-7791	-11931	-10188	-6403	72	-56154	
40-44	0	0	-3624	-7823	-3851	-3290	-6246	-8139	-8118	-5367	155	-46102	
45-49	0	0	-245	-4010	-2279	-2444	-3745	-5752	-5086	-4114	239	-27436	
50-54	0	0	1274	-2098	-1342	-1038	-1951	-2802	-2014	-2086	194	-11863	
55-59	0	0	1800	-1774	-701	2	-1192	-1882	-917	-1508	115	-6057	
60-64	0	0	1147	-1512	-636	-416	-785	-632	-406	-644	108	-3773	
65+	0	0	1497	-1497	-1414	-722	-2332	-4744	-2391	-4055	83	-15620	
TOTAL	0	0	-131717	-118482	-161473	-161473	-191385	-592437	-260405	-201452	-155	-1360240	
FEMALE													
0-4	0	0	-5560	-16108	-9821	-8827	-7036	-12348	-14290	-10569	-99	-63804	
5-9	0	0	-9821	-18069	-12315	-10733	-16138	-14545	-17597	-10213	-43	-95931	
10-14	0	0	-5931	-18069	-12315	-10733	-13277	-27018	-23912	-13388	986	-133656	
15-19	0	0	-7464	-33900	-35131	-48711	-50047	-95754	-70214	-57109	-2146	-400477	
20-24	0	0	5712	-14863	-19377	-29885	-32829	-43696	-45536	-34320	-324	-215620	
25-29	0	0	4900	-6619	-9829	-11781	-18454	-20437	-27438	-20744	-154	-110555	
30-34	0	0	-1675	-7484	-4503	-4839	-8378	-11795	-10693	-6662	171	-56099	
35-39	0	0	-3805	-8136	-4012	-3240	-6195	-9306	-9604	-6907	-84	-51021	
40-44	0	0	-1323	-5837	-3071	-3340	-4351	-7669	-7411	-5629	226	-38904	
45-49	0	0	975	-3542	-2159	-2118	-3670	-5070	-5447	-5034	310	-25755	
50-54	0	0	1540	-3132	-2028	-1796	-2610	-3857	-3314	-3398	309	-18278	
55-59	0	0	1214	-2342	-2038	-1706	-2517	-4093	-3783	-3859	128	-18995	
60-64	0	0	-180	-2076	-1837	-2352	-2772	-3413	-4139	-2300	31	-19037	
65+	0	0	-593	-3475	-3923	-3680	-5739	-7520	-8957	-7675	30	-61533	
TOTAL	0	0	-10765	-130765	-118605	-130765	-182419	-566519	-252334	-192795	-1134	-1289665	
BOTH SEXES													
0-4	0	0	-14537	-21559	-16427	-16427	-24987	-34128	-34792	-27290	-251	-165132	
5-9	0	0	-21335	-39055	-26233	-23928	-38859	-32534	-39098	-24692	-407	-212834	
10-14	0	0	-64685	-93320	-64685	-93320	-95415	-189494	-139600	-100936	1449	-296730	
15-19	0	0	-27855	-27855	-29314	-47658	-49513	-58572	-62123	-49696	-3007	-770504	
20-24	0	0	8553	-16207	-30698	-46785	-51489	-71727	-76813	-61992	-777	-349139	
25-29	0	0	1390	-16628	-13121	-19341	-26826	-37527	-31543	-22174	-576	-165347	
30-34	0	0	-5631	-17248	-8584	-7592	-13986	-21237	-19792	-13310	256	-107174	
35-39	0	0	-4947	-13660	-6922	-6630	-10896	-15807	-10533	-10996	381	-85006	
40-44	0	0	730	-7552	-4438	-4562	-7414	-10922	-10533	-9148	549	-53190	
45-49	0	0	2813	-5230	-3370	-2834	-4561	-6659	-5328	-5475	503	-30141	
50-54	0	0	3014	-4116	-2740	-1704	-3709	-5975	-4701	-5366	244	-25052	
55-59	0	0	967	-3588	-2473	-2767	-3555	-4044	-4545	-2944	138	-22910	
65+	0	0	859	-4971	-5337	-4402	-8071	-12264	-11348	-11730	113	-57152	
TOTAL	0	0	-10281	-262462	-234087	-301519	-374304	-558956	-512738	-394248	-1238	-2649904	

TABLE A(3) CONTINUED
RURAL AREA

	SEOUL	BUSAN	GYEONGGI	GANGWON	CHUNGNAM	CHUNGBUG	CHUNGMALE	JEONBU	JEONNAM	GYEONGBU	GYEONGNAM	PER CENT JEJU	PER CENT WHOLE COUNTRY
0-4	0.00	0.00	1.52	-9.66	-19.78	-13.60	-17.29	-18.96	-17.29	-16.54	-19.49	-1.01	-13.03
5-9	0.00	0.00	3.12	-19.42	-19.14	-7.52	-10.06	-17.10	-10.06	-12.04	-12.04	1.80	-11.40
10-14	0.00	0.00	-6.89	-24.83	-20.40	-2.73	-15.14	-16.94	-15.14	-17.74	-15.87	2.17	-14.66
15-19	0.00	0.00	3.96	-44.07	-54.24	-35.44	-73.76	-50.36	-73.76	-43.43	-48.98	-5.01	-42.20
20-24	0.00	0.00	4.29	-20.80	-18.09	-15.87	-21.05	-21.05	-21.05	-11.66	-14.64	6.46	-11.19
25-29	0.00	0.00	3.46	-21.93	-68.04	-53.45	-80.47	-79.53	-80.47	-59.53	-49.28	-6.86	-47.24
30-34	0.00	0.00	3.62	-23.16	-38.71	-22.91	-46.77	-46.77	-46.77	-29.25	-31.48	-5.95	-25.48
35-39	0.00	0.00	2.53	-25.38	-13.97	-7.94	-41.60	-21.35	-19.35	-15.40	-13.69	0.86	-13.75
40-44	0.00	0.00	-4.94	-20.08	-13.11	-5.23	-10.99	-14.23	-10.99	-10.56	-9.80	1.91	-10.01
45-49	0.00	0.00	0.39	-13.35	-6.78	-4.13	-8.43	-9.03	-8.43	-7.19	-7.82	3.50	-6.57
50-54	0.00	0.00	2.96	-10.37	-3.77	-2.37	-5.23	-5.74	-5.23	-3.63	-4.92	4.94	-3.76
55-59	0.00	0.00	4.36	-9.13	-3.50	0.01	-3.91	-3.91	-3.91	-3.97	-3.63	3.83	-2.07
60-64	0.00	0.00	3.45	-9.56	-3.91	-1.34	-1.85	-3.30	-1.85	-0.93	-2.29	4.77	-1.66
65+	0.00	0.00	2.98	-6.08	-5.43	-1.47	-8.51	-6.69	-8.51	-3.56	-9.11	1.66	-4.39
TOTAL	0.00	0.00	-0.17	-21.13	-23.79	-14.55	-22.83	-23.83	-22.83	-19.43	-20.73	-0.11	-16.89
FEMALE													
0-4	0.00	0.00	0.96	-8.12	-13.28	-7.02	-10.44	-13.27	-10.44	-12.48	-12.99	-0.69	-8.67
5-9	0.00	0.00	-1.86	-20.40	-17.20	-6.52	-8.48	-15.19	-8.48	-11.42	-8.87	-0.22	-9.83
10-14	0.00	0.00	-4.30	-22.41	-18.85	-7.66	-13.76	-13.45	-13.76	-13.61	-13.82	4.64	-12.46
15-19	0.00	0.00	5.29	-64.77	-81.47	-43.36	-66.45	-64.45	-66.45	-54.01	-61.19	-13.59	-51.71
20-24	0.00	0.00	4.32	-30.96	-55.35	-37.44	-56.43	-61.41	-56.43	-44.07	-46.55	-7.23	-35.09
25-29	0.00	0.00	4.82	-16.04	-34.87	-18.66	-33.16	-46.12	-33.16	-33.72	-37.27	-1.82	-22.94
30-34	0.00	0.00	2.19	-24.31	-21.52	-8.63	-19.40	-46.12	-19.40	-15.78	-13.79	-0.90	-13.74
35-39	0.00	0.00	-5.37	-23.91	-15.92	-3.67	-14.04	-15.38	-14.04	-13.45	-13.28	2.30	-11.96
40-44	0.00	0.00	-1.85	-16.50	-10.27	-5.12	-9.81	-10.26	-9.81	-8.98	-9.50	2.69	-8.12
45-49	0.00	0.00	1.51	-11.90	-7.25	-3.27	-6.59	-7.60	-6.59	-6.87	-8.22	3.73	-5.56
50-54	0.00	0.00	2.94	-12.99	-8.30	-3.49	-6.02	-6.46	-6.02	-5.00	-6.46	5.05	-4.79
55-59	0.00	0.00	2.59	-9.41	-9.41	-3.76	-7.38	-7.33	-7.38	-6.02	-8.49	2.88	-5.68
60-64	0.00	0.00	-0.50	-12.11	-10.56	-6.69	-3.50	-10.09	-3.50	-6.50	-8.49	0.75	-7.42
65+	0.00	0.00	-0.88	-11.30	-11.48	-5.02	-7.78	-10.14	-7.78	-8.80	-10.09	0.23	-7.67
TOTAL	0.00	0.00	-0.64	-22.23	-24.39	-12.96	-20.92	-22.68	-20.92	-19.00	-19.72	-0.75	-16.23
BOTH SEXES													
0-4	0.00	0.00	1.25	-9.02	-16.67	-10.42	-13.98	-16.20	-13.98	-14.59	-16.33	-0.66	-10.92
5-9	0.00	0.00	-2.52	-19.90	-19.67	-7.08	-9.29	-16.16	-9.29	-12.57	-10.49	1.02	-10.64
10-14	0.00	0.00	-5.61	-23.65	-19.64	-3.11	-16.20	-16.20	-16.20	-15.71	-14.86	3.41	-13.58
15-19	0.00	0.00	-4.61	-58.34	-66.27	-39.38	-56.88	-56.88	-56.88	-51.09	-54.68	-9.12	-46.66
20-24	0.00	0.00	5.36	-22.22	-32.60	-24.85	-29.25	-37.31	-29.25	-25.30	-27.80	0.38	-21.28
25-29	0.00	0.00	4.12	-19.03	-52.24	-36.18	-57.21	-63.14	-57.21	-46.75	-53.82	-3.54	-33.34
30-34	0.00	0.00	0.86	-26.29	-30.38	-15.95	-34.19	-34.19	-34.19	-22.59	-23.73	-3.51	-19.76
35-39	0.00	0.00	-3.88	-24.66	-17.41	-6.78	-16.60	-16.21	-16.60	-14.39	-13.48	1.56	-1.85
40-44	0.00	0.00	-3.41	-18.33	-11.62	-5.17	-10.38	-12.14	-10.38	-9.75	-9.54	2.31	-9.04
45-49	0.00	0.00	0.57	-12.62	-7.97	-3.68	-7.46	-8.26	-7.46	-7.02	-6.03	3.62	-6.04
50-54	0.00	0.00	2.95	-11.80	-7.61	-2.98	-5.66	-6.13	-5.66	-4.40	-5.77	5.01	-4.32
55-59	0.00	0.00	3.42	-10.13	-6.56	-1.99	-4.81	-5.72	-4.81	-4.25	-6.32	2.82	-3.91
60-64	0.00	0.00	1.40	-10.89	-7.35	-4.19	-5.55	-6.95	-5.55	-5.02	-6.32	2.17	-4.71
65+	0.00	0.00	0.74	-3.98	-5.36	-3.59	-8.04	-8.83	-8.04	-6.94	-9.98	0.63	-6.37
TOTAL	0.00	0.00	-0.40	-21.67	-24.08	-13.81	-21.88	-23.26	-21.88	-19.22	-20.22	-0.44	-16.56

TABLE B: ESTIMATES OF NET INTERNAL MIGRATION FOR EACH CITIES BY FIVE YEAR AGE GROUP, AND SEX, 1975-80 (1)

CITIES	IN CHEON	SU WEON	SEONG NAM	EUI JEONGBU	SU YANG	AN YANG	BU CHEON		CHUN CHEON	WEON JU	DONG HAE	GANG REUNG	SOG CHO	NUMBERS CHEONG JU
							MALE	FEMALE						
0-4	10017	3004	3506	901	4591	4622	-144	334	785	497	-229	915		
5-9	7646	2417	1958	41	4262	3850	94	393	992	1690	-585	2234		
10-14	6770	1857	1719	58	2689	2258	1225	726	2690	2092	-659	3837		
15-19	19157	5285	6900	1929	6831	8219	3823	1247	1306	3162	-955	7270		
20-24	11436	3302	5169	1474	6694	6694	-1008	69	1492	596	-699	-365		
25-29	21880	6385	7721	2006	9189	9202	-45	845	1376	712	-295	2085		
30-34	12775	3996	4044	934	6328	6607	-170	413	737	794	-170	1309		
35-39	5334	1917	1447	326	2629	2779	-107	154	926	776	-347	1009		
40-44	2289	837	212	42	1183	1239	89	786	58	785	-334	1041		
45-49	1844	547	759	135	748	1033	89	38	552	655	-249	608		
50-54	1150	370	516	164	597	851	37	-48	325	234	-198	265		
55-59	759	209	357	100	725	765	-66	50	324	134	-245	215		
60-64	517	247	300	54	507	521	65	-5	192	84	-101	189		
65+	1207	414	519	170	568	604	130	132	206	172	-36	390		
TOTAL	102780	30797	35027	8335	47181	49034	4030	4438	12690	12183	-5102	21003		
0-4	6620	2138	2453	206	3402	3466	-373	183	624	582	-204	588		
5-9	7138	2451	1946	184	3717	3510	32	429	2618	1560	-537	2016		
10-14	5969	1837	2016	198	2402	2173	1000	684	1720	2372	-663	2942		
15-19	2700	7254	8607	2279	9496	7090	3042	941	975	2372	-942	8172		
20-24	17573	4733	8335	1163	9186	7575	-1110	279	1206	1306	-634	1721		
25-29	13684	4642	4905	263	7044	7736	-1018	556	1177	1034	-214	505		
30-34	6568	2320	1874	278	3497	3539	-154	66	800	569	-309	1013		
35-39	2989	1086	765	-128	1347	1157	182	26	685	827	-337	1230		
40-44	1811	580	714	59	1028	1166	217	-17	490	622	-341	957		
45-49	1782	513	1087	211	1013	1317	7	7	554	320	-290	488		
50-54	1832	509	945	252	1148	1252	2	10	413	184	-256	320		
55-59	1880	540	935	174	1217	1042	-22	12	496	239	-163	329		
60-64	1531	455	556	159	758	820	63	88	342	176	-26	294		
65+	2300	885	838	221	1120	1180	221	257	897	467	-56	800		
TOTAL	94677	29944	35979	5519	46374	43327	2038	3525	12997	12031	-4964	21377		
BOTH SEXES														
0-4	16636	5141	5959	1108	7983	8089	-517	521	1409	1078	-434	1503		
5-9	14784	4869	3804	226	7979	7360	126	822	3910	3250	-1122	4250		
10-14	12739	3694	3735	255	5090	4432	2255	1410	4410	3864	-1323	6779		
15-19	41857	12540	15507	4208	15977	15310	8864	2189	2281	5534	-1896	15443		
20-24	29010	8042	13504	2638	15880	14068	-2118	348	2698	1902	-1334	1357		
25-29	35364	11031	12625	2269	16233	16938	-1033	1401	2553	1746	-509	2590		
30-34	19643	6316	5917	1212	9825	10146	-324	479	1537	1364	-478	2322		
35-39	8322	3003	2213	197	3977	4236	75	180	1611	1602	-685	2240		
40-44	4100	1418	926	102	2211	2397	275	72	1277	1407	-675	1998		
45-49	3627	1060	1846	346	1761	2350	97	45	1106	775	-529	1096		
50-54	2982	879	1461	417	1745	2103	88	-38	737	418	-453	585		
55-59	2639	749	1294	274	1941	1808	-89	62	820	373	-408	544		
60-64	2047	702	856	213	1265	1342	127	534	260	483	-127	483		
65+	3507	1299	1357	391	1784	1784	351	389	1103	639	-92	1190		
TOTAL	197457	60741	71006	13854	93556	92361	6118	7992	25987	24215	-10066	42379		

TABLE 8(1) CONTINUED
CITIES

	IN CHEON	SU WEON	SEONG NAM	EUI JEONGBU	AN YANG	BU CHEON	CHUN CHEON	WEON JU	DONG HAE	GANG REUNG	PEP CENT SOG CHEONG CHU	JU
0-4	15.69	16.04	14.93	12.33	24.44	MALE	-2.27	4.99	13.06	9.24	-7.13	7.04
5-9	12.65	13.61	7.81	0.56	30.46	23.47	1.16	5.03	16.01	24.02	-15.21	15.53
10-14	12.80	12.49	8.81	0.56	27.02	32.13	12.54	3.50	35.79	25.54	-14.73	23.49
15-19	30.27	30.70	33.10	23.28	46.01	28.01	23.39	13.24	32.78	37.77	-4.91	37.34
20-24	17.93	19.55	25.15	17.68	66.52	58.58	-10.24	0.85	27.42	9.32	-19.74	-2.42
25-29	38.02	38.83	41.06	32.15	62.24	47.81	-0.76	14.82	31.31	16.06	-11.92	19.35
30-34	28.66	28.41	25.17	20.10	48.39	55.71	-4.63	10.73	22.40	22.40	-3.82	16.25
35-39	14.60	17.73	11.12	7.99	31.02	37.56	-2.54	3.92	28.31	21.62	-17.56	13.55
40-44	7.99	9.71	2.04	1.12	20.29	24.93	1.27	2.19	24.83	21.70	-16.80	14.79
45-49	8.60	8.95	10.64	4.19	19.13	30.04	1.27	1.12	23.55	19.64	-16.43	11.80
50-54	8.08	9.96	11.61	7.68	23.36	35.58	3.47	-2.21	20.21	13.76	-16.55	7.97
55-59	6.19	6.85	9.69	5.78	32.87	36.44	-3.10	2.74	22.22	9.26	-19.36	3.25
60-64	5.41	11.42	11.03	5.19	33.92	36.04	4.27	-0.43	18.79	7.43	-10.35	10.47
65+	13.32	13.47	15.39	12.71	31.81	32.85	6.82	7.37	15.75	10.70	-3.60	14.41
TOTAL	18.90	20.07	18.65	12.66	37.33	43.51	5.20	6.47	23.68	20.77	-15.36	16.70
FEMALE												
0-4	11.06	12.09	11.31	3.21	19.80	23.47	-6.13	3.08	10.12	10.51	-6.78	4.87
5-9	12.58	14.76	8.71	2.69	28.21	32.13	0.61	5.78	40.56	23.64	-14.65	14.93
10-14	12.08	13.23	10.75	2.97	25.21	28.01	11.30	8.61	27.35	26.56	-15.94	22.40
15-19	35.22	38.81	39.12	27.14	59.66	58.58	26.26	10.85	19.82	32.45	-26.91	42.93
20-24	23.99	22.67	34.20	12.56	45.52	47.81	-11.49	3.62	25.18	20.52	-19.36	10.26
25-29	23.79	26.90	25.98	4.15	44.44	53.72	-17.82	9.80	28.54	22.62	-9.00	4.70
30-34	16.57	16.57	12.84	5.86	34.64	41.22	-3.50	1.70	26.16	16.51	-15.91	13.12
35-39	9.44	11.52	6.67	3.14	21.14	26.99	3.72	0.63	22.51	23.52	-16.49	17.18
40-44	6.78	7.74	7.99	1.51	20.77	28.08	4.49	-0.39	18.27	19.64	-16.57	14.23
45-49	8.14	9.20	15.74	6.48	25.22	36.36	0.19	0.19	23.16	12.70	-15.89	9.02
50-54	10.94	11.25	17.48	11.02	35.36	41.33	0.05	0.40	21.72	6.94	-17.13	7.95
55-59	13.51	16.19	20.03	10.41	41.04	39.54	-0.98	0.62	28.74	13.06	-13.95	10.12
60-64	13.40	15.57	16.49	13.94	35.82	40.14	3.63	5.72	30.53	11.58	-3.30	12.08
65+	13.36	15.74	15.09	13.30	33.27	34.38	6.76	8.94	44.19	15.44	-4.46	15.18
TOTAL	17.51	19.11	19.04	8.21	36.02	39.86	2.69	5.17	25.64	20.73	-15.26	16.30
BOTH SEXES												
0-4	13.45	14.12	13.19	3.23	22.22	26.44	-6.13	4.08	11.12	9.32	-6.96	6.00
5-9	12.62	14.17	8.24	1.59	29.53	32.58	0.50	5.39	26.67	23.84	-14.94	15.29
10-14	12.45	12.85	9.76	1.91	25.63	27.49	11.95	8.59	33.35	27.60	-15.31	24.05
15-19	32.77	34.92	36.19	25.22	54.97	59.99	27.67	12.09	21.41	35.20	-25.81	40.10
20-24	21.17	21.25	30.06	14.99	45.94	47.49	-10.36	2.20	26.37	15.02	-19.54	4.26
25-29	30.91	32.72	33.50	18.07	53.03	59.11	-10.36	12.32	29.97	19.39	-10.49	12.04
30-34	21.37	24.07	19.30	12.92	42.40	49.63	-3.99	6.19	24.09	19.50	-12.38	14.72
35-39	12.20	14.84	9.03	2.42	26.73	33.10	0.32	2.23	25.52	22.61	-17.06	15.33
40-44	7.41	6.79	4.79	1.32	20.51	26.37	2.93	0.87	21.52	20.74	-16.68	14.52
45-49	8.37	9.07	13.15	5.34	22.52	33.29	1.29	0.65	23.35	20.74	-16.14	10.38
50-54	9.62	10.67	14.83	9.40	30.31	38.37	1.61	-0.80	21.03	15.62	-16.37	7.26
55-59	10.08	10.92	15.47	8.06	37.56	38.17	-2.01	1.65	25.75	11.32	-16.77	9.28
60-64	11.37	13.81	14.05	9.72	35.39	38.44	3.93	2.95	24.96	9.85	-7.15	11.99
65+	12.98	14.94	15.20	11.09	32.76	33.84	5.78	3.34	33.03	13.60	-4.08	14.92
TOTAL	13.25	19.55	13.34	10.41	35.91	41.72	3.94	5.32	24.63	20.75	-15.31	15.75

TABLE B: ESTIMATES OF NET INTERNAL MIGRATION FOR EACH CITIES BY FIVE YEAR AGE GROUP AND SEX, 1975-80 (2)

CITIES	CHUNG JU	JE CHEON	DAE JEON	CHEON AN	JEON JU	GUN SAN	IRI	GWANG JU	MDG PO	YEO SU	SUN CHEON	DAE GU	PO HANG	NUMBERS
0-4	-74	133	2146	335	156	-296	293	138	-223	731	-495	3716	3201	
5-9	-116	609	5515	594	1946	-477	448	3477	590	1304	-81	7368	1657	
10-14	816	606	6162	691	4249	-77	1065	7541	1377	956	309	16949	1471	
15-19	551	190	15350	4259	5683	1267	5684	20533	4337	2420	37292	3169	3169	
20-24	-1021	-246	711	-88	-3022	-1562	-614	-10443	-4114	-285	-3087	-1787	2886	
25-29	42	442	4134	692	1197	-393	573	1713	126	1589	-306	9620	8744	
30-34	29	69	3393	634	1197	-157	850	2327	787	1704	142	3654	1844	
35-39	-72	139	2617	386	790	-63	474	2076	138	369	139	3612	709	
40-44	23	-16	2377	219	1117	0	298	2313	154	175	150	3591	474	
45-49	-100	-21	1392	127	638	-69	182	987	-86	-95	55	2582	280	
50-54	-9	-8	504	50	166	-140	-32	301	-94	-24	-23	1062	132	
55-59	-20	25	362	73	126	-95	23	211	-113	-13	-10	387	89	
60-64	2	-55	298	59	126	-110	-46	98	-39	-50	-19	167	46	
65+	24	98	790	124	171	-36	45	472	-38	-26	-14	984	106	
TOTAL	-75	2015	47732	8155	13639	-2209	9243	31744	3353	7037	-1320	89497	24808	
0-4	-67	137	1335	65	286	-324	326	245	99	707	-162	1596	2238	
5-9	-100	643	4485	371	1331	-536	517	2544	362	1031	-397	4798	1379	
10-14	464	635	6464	645	3023	87	742	5752	1226	853	159	11767	1212	
15-19	34	-124	13805	4024	4737	979	3147	12452	3010	771	489	38492	2101	
20-24	-814	-23	2331	-344	-380	-1130	1246	-2765	-813	563	-1972	12950	4920	
25-29	64	449	1800	30	334	-591	334	60	641	1896	-80	-1050	5935	
30-34	-79	87	2486	405	612	-410	306	1318	-12	684	190	1251	1092	
35-39	25	90	2346	243	1173	-17	371	2389	10	201	109	4066	633	
40-44	-35	-43	1764	229	874	-50	235	1623	-19	10	68	3630	355	
45-49	-49	-29	1085	164	469	-121	59	821	-80	5	-49	1915	438	
50-54	-24	2	550	47	66	-245	-12	158	-150	22	21	917	143	
55-59	-72	-15	677	158	30	-88	11	379	-24	47	-4	931	300	
60-64	68	36	752	32	224	-41	94	715	91	79	28	1046	201	
65+	1	145	2015	345	787	-111	179	1996	429	194	114	3121	366	
TOTAL	-582	1941	41895	6413	13567	-2597	7683	27888	4769	7363	-1485	85430	21363	
0-4	-141	271	3481	400	442	-620	619	383	-124	1433	-657	5313	5490	
5-9	-216	1252	10000	955	3277	-1014	964	6022	952	2335	-478	12166	3036	
10-14	1030	1241	14626	1336	7272	10	1807	13293	3102	1810	468	23716	2683	
15-19	585	26	29155	8293	10400	2246	8831	32985	7358	1473	2909	75794	5269	
20-24	-1835	-269	3042	-432	-3401	-2692	632	-13208	-4927	573	-5059	11163	7806	
25-29	156	891	5935	723	826	-984	1036	1773	767	3485	-886	8570	16679	
30-34	-50	156	5879	1039	1809	-567	1156	3645	775	2388	332	4905	2935	
35-39	-47	269	4962	628	1963	-80	946	4465	198	569	248	7678	1343	
40-44	-12	-59	4141	448	1991	-51	533	4136	135	186	218	7521	829	
45-49	-149	-50	2477	290	1107	-190	241	1809	-166	-2	6	4497	713	
50-54	-34	-6	1054	97	232	-385	-44	459	-244	-2	-2	1979	276	
55-59	-92	10	1040	231	156	-183	48	590	-137	34	-14	1318	389	
60-64	71	-19	1050	91	173	-150	813	2468	391	168	101	1213	247	
65+	25	243	2805	468	958	-147	224	2688	391	168	101	4105	472	
TOTAL	-657	3955	89647	14568	27205	-4805	16927	59632	8122	14400	-2805	174928	46171	

TABLE B(2) CONTINUED
CITIES

CITIES	CHUNG JU	JE CHEON	DAE JEON	CHEON AN	JEON JU	GUN SAN		IRI	GWANG JU	MOG PO	YEO SU	SUN CHEON	PER CENT RATES	
						MALE	FEMALE						DAE GU	HANG PO
0-4	-1.25	2.64	5.77	5.30	0.81	-3.08	3.77	0.35	-1.70	6.79	-8.27	4.53	21.59	
5-9	-1.58	10.63	15.32	9.49	8.25	-4.44	5.30	7.71	3.98	11.90	-1.14	5.15	13.22	
10-14	9.07	10.15	17.31	10.39	17.31	10.81	12.85	16.36	12.48	9.53	4.10	15.13	15.51	
15-19	7.13	3.62	35.74	42.00	21.56	12.65	43.96	34.66	25.82	3.41	24.26	33.12	33.56	
20-24	-17.06	-5.39	1.83	-1.38	-1.72	-1.96	-7.12	-25.28	-39.89	-3.94	-52.28	-1.85	26.61	
25-29	2.04	12.83	14.85	14.49	3.55	-2.03	10.22	5.95	1.64	22.80	-19.85	12.91	57.55	
30-34	0.83	2.31	14.50	15.70	9.35	-2.40	16.22	9.15	10.06	24.78	3.72	6.14	17.43	
35-39	-2.15	7.03	13.54	10.99	7.56	-1.17	11.85	9.54	2.90	7.27	4.69	7.26	10.00	
40-44	0.65	-0.52	13.40	9.96	11.04	-0.01	9.24	11.70	2.61	3.95	4.86	8.60	9.04	
45-49	-3.95	-1.14	10.39	5.04	7.90	-1.96	6.34	6.68	-1.92	-3.00	2.28	7.46	8.33	
50-54	-0.59	-0.64	5.63	3.61	3.01	-5.92	-1.54	2.98	-2.94	-1.05	-1.30	4.90	6.37	
55-59	2.34	2.34	5.12	5.04	3.09	-4.66	1.40	2.85	-2.41	-0.68	-0.70	2.34	5.43	
60-64	0.21	-7.44	6.79	5.64	-2.00	-4.11	-4.55	2.16	-2.43	-4.57	-2.04	1.59	4.44	
65+	1.50	9.07	13.50	8.93	4.83	-2.02	3.32	7.71	-2.03	-1.58	-0.89	7.62	7.98	
TOTAL	-0.13	4.65	14.48	13.61	7.40	-2.69	12.59	8.57	3.00	3.72	-2.26	11.13	23.72	
0-4	-1.19	2.94	3.58	1.08	1.59	-3.57	4.44	0.66	0.91	5.95	-2.89	2.13	16.43	
5-9	-1.57	11.80	12.41	5.82	9.10	-3.25	6.35	5.09	2.63	10.11	-6.07	5.84	11.97	
10-14	6.74	11.59	15.31	10.42	13.91	0.97	9.72	13.90	3.96	9.19	2.26	14.23	14.13	
15-19	-3.69	32.73	32.73	41.70	20.44	10.41	32.01	26.07	20.79	9.63	6.82	35.89	26.59	
20-24	-15.00	-0.58	5.93	-4.67	-1.90	-12.27	13.53	-6.80	7.54	10.95	-37.91	-12.41	43.05	
25-29	1.37	13.00	9.43	0.61	2.36	-3.17	7.81	0.20	7.58	25.04	-1.98	1.14	45.24	
30-34	-2.40	3.44	11.39	10.45	4.85	-6.63	6.48	5.29	-0.16	11.00	5.24	2.13	12.96	
35-39	0.73	3.03	10.50	7.47	11.23	-0.36	9.97	11.55	0.17	4.46	3.66	8.28	11.13	
40-44	-1.08	-1.72	10.41	7.42	8.69	-1.20	6.82	9.73	-0.35	0.26	2.36	8.11	8.33	
45-49	-1.83	-1.57	7.93	6.41	5.52	-3.35	1.90	5.42	-1.71	0.15	-2.03	5.33	13.77	
50-54	-1.24	0.14	5.47	2.34	1.10	-8.10	-0.49	1.45	-4.11	0.79	-1.03	3.55	6.01	
55-59	-4.29	-1.28	3.58	9.03	0.64	-3.72	0.56	4.61	-0.30	2.03	-0.24	4.54	13.59	
60-64	4.99	4.08	13.00	2.82	6.03	-2.26	6.64	11.82	4.41	5.65	2.54	7.29	13.83	
65+	0.06	8.86	12.74	14.52	9.98	-3.62	6.39	14.18	10.39	6.23	3.89	11.50	14.00	
TOTAL	-1.05	4.60	13.03	10.60	7.43	-3.14	10.73	7.81	4.33	9.13	-2.67	10.63	22.15	
0-4	-1.22	2.79	4.86	3.25	1.13	-3.32	4.10	0.50	-0.49	6.87	-5.65	3.39	19.14	
5-9	-1.53	11.20	13.15	7.20	7.22	-4.33	5.81	6.93	3.33	11.04	-3.52	7.05	12.63	
10-14	7.44	10.84	19.55	10.41	13.72	0.05	11.35	15.19	11.30	9.36	3.21	16.32	14.85	
15-19	4.11	0.27	32.74	41.66	21.19	11.58	38.80	30.72	23.49	9.03	16.75	34.47	30.39	
20-24	-16.08	-3.31	3.59	-3.15	-3.50	-15.43	3.54	-16.10	-23.04	3.53	-45.55	5.49	35.05	
25-29	1.70	12.94	10.63	7.45	2.94	-7.15	8.98	3.05	4.75	23.95	-10.68	5.76	51.85	
30-34	-0.73	3.13	13.14	11.13	7.11	-3.46	11.66	7.24	5.10	18.24	4.66	4.19	15.45	
35-39	-0.69	5.07	13.03	9.30	9.41	-0.79	10.95	10.52	1.59	5.95	4.17	7.77	10.50	
40-44	-0.17	-1.16	11.94	7.19	9.93	-0.58	7.55	10.74	1.18	2.24	3.65	6.36	8.95	
45-49	-2.86	-1.36	4.94	5.73	6.63	-6.67	4.03	6.04	-1.81	-1.45	0.13	6.37	10.98	
50-54	-0.95	-0.21	5.54	2.64	2.02	-7.61	-0.98	2.18	-3.56	-0.04	-0.06	4.17	6.18	
55-59	-2.94	0.46	6.98	7.24	1.79	-4.15	0.95	3.77	-2.44	0.33	-0.46	4.56	10.11	
60-64	-1.15	-1.15	16.29	4.18	2.75	-4.77	1.96	7.69	1.44	1.14	0.43	4.88	9.91	
65+	0.61	8.95	12.46	12.46	9.38	-3.04	5.39	12.22	6.53	3.55	-2.23	10.13	11.97	
TOTAL	-0.56	4.63	13.76	12.10	7.41	-2.91	11.66	9.20	3.66	8.95	-2.46	10.91	22.97	

TABLE B: ESTIMATES OF NET INTERNAL MIGRATION FOR EACH CITIES BY FIVE YEAR AGE GROUP AND SEX, 1975-80 (3)

CITIES	NUMBERS												
	GYEONG JU	GEM CHEON	AN DONG	GU MI	YEONG JU	NA SAN	UL SAN	JIN JU	CHANG HEON	JIN HAE	CHUNG HU	SAM CHEONGPO	JEJU
0-4	150	-85	-477	2180	-140	1164	7552	701	3557	443	183	-10	810
5-9	87	-50	-283	2093	83	-1030	4522	1885	4166	-898	49	-67	633
10-14	173	2	768	1300	38	1096	3227	2299	2667	-530	79	31	1101
15-19	1490	1183	3128	5910	214	3631	7415	5551	4906	-247	-111	-263	2206
20-24	-243	-1133	-3430	2255	-1033	-1735	10280	-1645	5369	43	-234	-273	463
25-29	374	80	-299	4867	-174	4140	18088	1645	6384	1841	504	-73	1778
30-34	372	90	-197	2626	82	766	1439	1439	5391	-176	377	147	1096
35-39	94	-100	-206	1139	14	119	1965	327	2939	-463	34	103	650
40-44	30	-30	-128	376	-44	-34	1736	327	1736	-593	-2	118	624
45-49	-28	-84	-153	537	-132	-422	670	425	1144	-593	-77	14	237
50-54	-29	-79	-4	399	-20	-502	281	220	677	-168	-32	-55	52
55-59	-23	-49	-86	333	6	-384	313	59	483	-66	-58	-2	72
60-64	17	-54	48	192	-3	-199	241	19	249	19	-33	-8	-7
65+	6	4	101	296	41	-248	433	155	281	10	-25	-40	71
TOTAL	2466	-307	-1217	24945	-1067	6360	62989	16021	39641	-1234	655	-377	9607
FEMALE													
0-4	217	-39	-261	1663	-50	-1343	5887	711	2762	247	125	66	665
5-9	226	-83	-166	1920	182	-290	3919	1690	3597	-374	133	-36	446
10-14	324	31	583	1653	261	355	2875	2124	2144	-515	178	97	876
15-19	696	777	1888	11228	2	16066	4390	4525	3525	-294	48	-482	1919
20-24	738	-325	-1450	5981	-738	-2338	13016	1151	4507	1049	292	-157	1231
25-29	550	53	-280	3043	101	-2839	14901	1446	6177	965	362	232	1448
30-34	-6	-95	-359	1476	8	18	3431	667	3344	-327	45	82	549
35-39	-20	-54	-35	757	-82	68	1463	771	1745	-592	-30	75	404
40-44	53	-130	-27	635	-58	-39	857	519	1159	-289	23	-15	293
45-49	1	-92	-109	514	-61	-282	647	336	960	-127	-44	-54	174
50-54	12	-86	-1	450	-9	-533	627	117	874	-33	-34	19	74
55-59	60	-47	-39	350	-34	-359	794	239	814	5	0	-17	62
60-64	-40	-19	55	298	66	-328	596	230	526	21	12	19	73
65+	177	31	290	557	158	-660	924	445	1213	-86	-80	-24	229
TOTAL	2988	-77	-91	30475	-284	2915	54327	15171	32346	-851	981	-195	8524
BOTH SEXES													
0-4	367	-124	-739	3843	-190	-180	13445	1412	6318	690	308	56	1455
5-9	314	-133	-448	4014	265	-1920	8447	1412	7762	-1772	182	-103	1079
10-14	497	33	1331	2954	299	1451	6102	4791	4443	-1146	257	126	1978
15-19	2186	1960	4881	17199	216	19717	11905	11076	7431	-541	-63	-745	4125
20-24	490	-1458	-4881	8136	-1771	-8073	23296	11076	9875	1092	58	-429	1684
25-29	924	133	-579	7910	-72	1301	32989	3204	12561	2805	867	160	3226
30-34	366	-6	-555	4102	90	784	10436	2305	8735	-503	422	229	1745
35-39	74	-154	-241	1916	-68	186	3428	1761	4745	-1056	-46	177	1055
40-44	82	-159	-154	1431	-132	-73	1842	2894	2894	-882	20	103	718
45-49	-27	-176	-282	1051	-193	-705	1317	762	2104	-479	-120	-40	431
50-54	-17	-165	-5	849	-29	-1035	909	337	1551	-200	-66	-36	126
55-59	37	-96	-124	683	-28	-743	1107	298	1297	-60	-58	-19	133
60-64	-23	-33	102	490	63	-527	837	217	775	41	-21	66	66
65+	183	35	392	853	200	-908	1357	600	1494	-77	-105	-65	300
TOTAL	5453	-384	-1127	55420	-1351	9275	117317	31192	71987	-2086	1636	-572	18131

TABLE 9(3) CONTINUED

CITIES	GYEONGJU	GIMCHEON	ANDONG	GURI	YEONGJU	MA		ULSAN	JINJU	CHANGWŬN	JINHAE	CHUNGWŬ	PERCENT RATES	
						MALE	FEMALE						SAMCHEONPO	JEJU
0- 4	2.43	-2.22	-9.73	33.45	-3.44	5.24	22.20	5.99	40.59	6.33	3.86	-0.28	3.08	
5- 9	1.25	-1.16	-4.66	41.72	1.61	-4.77	17.00	15.35	60.16	-13.12	0.96	-1.53	5.55	
10-14	2.46	0.64	11.06	35.50	0.69	5.47	17.12	21.45	52.66	-10.95	1.72	0.72	10.03	
15-19	18.26	21.47	32.46	75.31	4.00	16.85	40.16	40.56	74.16	-4.74	-3.00	-7.69	21.29	
20-24	-3.82	-30.91	-73.10	39.95	-25.13	-8.26	44.68	-14.63	74.21	0.80	-6.43	-3.14	5.45	
25-29	7.48	2.94	-8.42	74.03	-6.68	20.54	60.74	20.54	80.46	29.67	15.17	-3.71	26.23	
30-34	9.14	3.55	-6.14	56.20	3.28	4.75	29.67	19.92	92.40	-3.44	12.27	6.76	17.58	
35-39	2.66	3.57	-7.15	42.47	0.60	0.98	12.63	16.90	77.88	1.43	1.43	5.63	11.84	
40-44	0.88	-1.41	-4.66	38.84	-1.78	-0.35	9.20	15.59	65.69	-18.05	-0.11	6.45	9.05	
45-49	-1.30	-1.43	-7.31	38.68	-7.75	-5.91	10.40	11.04	60.00	-14.11	-5.06	1.00	7.67	
50-54	-1.43	-6.77	-0.24	41.77	-1.66	-10.78	7.75	3.56	54.55	-9.92	-2.84	-5.52	3.00	
55-59	-1.34	-4.73	-7.24	40.48	0.57	-10.67	11.76	3.00	53.95	-5.22	-2.84	-0.17	5.35	
60-64	1.42	-7.98	5.05	36.58	-0.42	-9.57	13.56	-1.05	42.00	2.53	-5.81	-1.36	-0.86	
65+	0.31	0.62	8.29	33.60	4.43	-9.83	15.66	8.67	30.76	0.87	-2.99	-4.32	4.45	
TOTAL	4.08	-0.55	-2.36	50.75	-2.73	3.45	26.91	15.67	66.43	-2.21	1.75	-0.18	11.53	
						FEMALE								
0- 4	3.74	-1.12	-5.55	25.57	-1.34	-6.46	18.34	6.68	33.98	3.76	2.85	1.81	6.94	
5- 9	3.42	-2.36	-2.59	43.11	3.78	-4.32	15.76	14.73	61.30	-13.42	2.76	-0.62	4.14	
10-14	4.87	0.79	9.47	43.64	5.20	1.97	16.30	18.51	53.44	-8.95	4.17	2.37	8.91	
15-19	10.03	16.98	25.30	85.29	0.04	49.20	29.32	34.37	58.73	-5.94	1.38	-1.25	20.34	
20-24	-8.49	-27.27	-27.27	56.59	-22.10	-21.58	55.33	9.90	69.56	16.42	7.60	-1.52	14.60	
25-29	10.25	1.70	-7.12	53.32	3.36	-13.90	52.72	16.19	83.51	15.76	10.10	9.30	20.60	
30-34	-0.14	3.94	-11.35	44.39	0.30	0.35	18.95	12.65	77.35	-7.16	1.53	3.81	11.09	
35-39	-0.57	-2.44	-1.22	37.40	-3.50	-0.63	12.63	13.56	68.24	-17.80	-3.73	4.13	7.92	
40-44	1.53	-6.29	-0.97	38.87	-3.74	-0.44	10.98	10.27	59.93	-9.64	1.21	-0.87	6.80	
45-49	0.03	-5.46	-5.08	38.85	-3.28	-3.77	12.10	7.93	57.34	-5.25	-2.71	-3.79	4.95	
50-54	0.69	-6.54	-0.06	41.35	-0.66	-9.52	15.48	3.66	63.55	-1.81	-2.48	1.39	2.93	
55-59	3.01	-4.22	-2.74	37.82	-3.35	-7.59	22.48	8.85	64.73	0.33	-0.02	-1.45	2.76	
60-64	-2.82	-4.45	4.33	41.80	7.32	-11.31	21.55	12.78	62.40	2.20	1.47	2.43	6.90	
65+	1.59	1.59	12.58	39.76	9.44	-11.05	16.96	11.69	67.17	-4.06	-4.81	-1.41	5.35	
TOTAL	4.87	-0.21	0.19	54.27	-0.73	1.44	27.17	15.10	62.26	-1.52	2.58	-0.59	10.13	
						BOTH SEXES								
0- 4	3.06	-1.69	-7.66	35.09	-2.44	-0.42	20.52	6.32	37.41	5.03	3.37	0.75	7.53	
5- 9	2.30	-1.60	-3.65	42.37	2.66	-4.58	16.40	15.05	53.81	-13.25	1.84	-1.18	4.86	
10-14	3.63	0.40	10.31	39.67	2.94	3.81	16.76	20.15	52.03	-0.95	2.90	1.53	9.50	
15-19	14.48	19.43	29.33	31.57	2.17	36.34	35.20	37.78	68.08	-5.23	-0.88	-11.33	20.84	
20-24	3.74	-19.45	-50.95	50.20	-25.25	-15.93	50.66	-2.16	72.01	9.23	0.78	-7.40	10.00	
25-29	8.92	-7.74	-7.74	54.41	-1.29	3.00	59.24	18.33	81.93	22.75	12.54	3.32	23.39	
30-34	4.50	-0.12	-6.74	51.29	-1.78	2.89	25.03	16.33	80.39	-5.20	7.13	5.30	14.43	
35-39	1.21	-3.93	-4.18	40.31	-1.40	-0.22	12.63	12.99	74.03	-15.09	-1.02	4.88	9.95	
40-44	1.05	-5.62	-2.51	38.66	-2.73	-0.39	9.95	12.99	64.89	-14.03	-0.53	2.90	7.97	
45-49	-0.46	-5.32	-6.18	38.79	-5.41	-4.81	11.17	9.41	58.75	-9.74	-3.35	-1.38	6.27	
50-54	-0.38	-6.55	-0.14	41.37	-1.13	-10.09	11.62	6.34	59.34	-5.73	-2.64	-1.49	2.95	
55-59	1.01	-4.59	-4.79	40.32	-1.43	-8.92	17.66	5.37	60.34	-2.16	-2.59	-0.68	3.74	
60-64	-0.99	-4.39	4.93	39.59	-1.85	-10.53	18.42	7.10	53.95	-2.34	-1.55	0.79	2.83	
65+	3.47	1.62	11.10	39.55	7.65	-11.08	16.33	10.72	54.95	-2.38	-4.20	-2.43	5.10	
TOTAL	4.48	-0.53	-1.11	52.63	-1.74	2.40	28.08	15.59	64.95	-1.86	2.17	-0.28	10.83	

