MIGRATION AND SETTLEMENT: 13. JAPAN

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FOREWORD

Interest in human settlement systems and policies has been a central part of urban-related work at the International Institute for Applied Systems Analysis (IIASA) from the outset. From 1975 through 1978 this interest was manifested in the work of the Migration and Settlement Task, which was formally concluded in November 1978. Since then, attention has turned to dissemination of the Task's results and to the conclusion of its comparative study, which, under the leadership of Dr. Frans Willekens, is focusing on a comparative quantitative assessment of recent migration patterns and spatial population dynamics in all of IIASA's 17 National Member Organization countries.

The comparative analysis of national patterns of interregional migration and spatial population growth is being carried out by an international network of scholars who are using methodology and computer programs developed at IIASA.

In this report, authors from three Japanese institutions discuss changing migration patterns in their country. Emphasizing the current population shifts away from metropolitan areas, they analyze recent demographic dynamics in Japan, first with a 15-region and then an 8-region disaggregation of national population data. The report ends with a brief survey of major population policies that have been adopted in the last 30 years.

Reports summarizing previous work on migration and settlement at IIASA are listed at the end of this report.

Andrei Rogers Chairman Human Settlements and Services Area

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1 INTRODUCTION

With roughly 300 people per square kilometer, Japan is the largest country in the world exhibiting such a high population density. The difficulty of finding enough living space for its population of 115 million is intensified by the mountains that cover most of the country, leaving only 15 percent of the land suitable for farming and forcing the people to dwell in flatland areas.

Other natural phenomena also influence the distribution of the country's population. For example, the island of Kyushu is heavily populated, containing 12 percent of Japan's inhabitants. The primary reason for its popularity is its warm climate, although the pleasant landscape is also an important factor. Other than Okinawa (which has been a part of Japan except for the years of the United States occupation, 1939–1972), Kyushu has the mildest weather in the country. The west coast of the Tohoku region and the island of Hokkaido, however, are not so fortunate. Strong winds from Siberia bring yearly snowfalls that keep the ground white the entire winter.

How have the Japanese distributed themselves spatially within their relatively confined area? This study begins with a brief history of recent economic growth and internal migration in Japan, adopting a 15-region aggregation. It then uses 1970 census data, which have been aggregated into 8 regions, to analyze in greater detail the fertility, mortality, and migration patterns within the country.

For centuries the Japanese people have located in the only flatland areas available to them. In the past as the number of inhabitants grew, their concentration increased. As the industrial areas developed, rural-to-urban migration flourished. It was not until 1965 that this traditional pattern began to evolve into a new reverse flow of people away from the principal cities. It is generally believed that the final phase of internal migration is population redistribution and decentralization (see, for example, Long and Boertlein 1976), and it appears that Japan has entered this phase. Internal migration and settlement patterns have been the focus of important government policies in Japan for many years. Research into the association between socioeconomic development and regional population change, however, has lagged behind. Consequently, theories of population and development are urgent topics of research, both in Japan and internationally.

1.1 Economic Growth and Internal Migration

Historically, modernization has been associated with industrialization and urbanization. In terms of demographic variables, the basic factor that fosters urbanization and industrialization is internal migration. It has been said that modernization cannot be achieved without internal population redistribution; therefore, the history of modernization is inscribed in a history of internal migration. When studying this phenomenon, particular attention should be given to long-term regional patterns of internal migration from rural communities to cities.

The basic characteristic of modernization in Japan, which began in 1868 with the Meiji era, has been rural-to-urban migration, though there have been substantial differences in the numbers of migrants over the years. This migration from the rural communities (where population reproduction rates have been high) to urban areas (where reproduction rates have been low) alleviates the problem of over-population in rural areas and redistributes the regional population throughout the country. It also supplies the necessary labor force needed for industrialization and urbanization, contributes to an increase in the GNP, and affects living standards.

Rural-to-urban migration continued during the reconstruction period immediately following the end of the Second World War, after which it accelerated at an unusual rate during the period of high economic growth, commonly called the "great movement of population in the Japanese archipelago". The highest concentration of this phenomenon was in the two industrial centers (Tokyo– Yokohama and Kyoto–Osaka–Kobe, the locations of heavy chemical and manufacturing industries), thus creating an enormous accumulation of population in a relatively narrow area called the Pacific Industrial Belt.

The primary sector was the main source of labor supply for the rapidly developing secondary and tertiary sectors, which were housed in these industrial centers. The number of employed in primary industries (agriculture, forestry, etc.) quickly dropped from 17 million to 11.7 million during the period 1950–1965. The other major sources of the extensive labor force needed for the industrial growth were the more than 6 million overseas civilian military repatriots and the many soldiers who were demobilized in Japan after the war.

An examination of the trends in internal migration based on statistical data available for the postwar period reveals the change in migration patterns from the classical rural-to-urban flow to the new urban-to-rural mobility transition. This behavior is a result of migrants responding to new stages of economic development within the country. (For a more complete description of population and development in Japan, see Okita et al. 1979.)

1.2 Characteristics of Interregional Migration

The first section of this report uses migration data derived from basic resident registers (Bureau of Statistics, 1971, 1974, 1976, 1978). They are collected annually and are useful for a general view of migration in Japan. These data are different in character and date of collection from the census data used in sections 2-4. The register data count moves, the census data report changes in place of residence between two points in time. A discussion of the implications for modeling of these two alternative ways of obtaining migration data appears in Ledent (1980) and in the final appendix of this report.

The postwar period of high economic growth in Japan started around 1957. Since this year, the number of internal migrants has been increasing, although by varying rates. The number of these migrants (from register data), the annual increase in this number, and the annual migration rate between 1954 and 1977 are listed in Table 1. The yearly average of internal migrations was 5.2 million during the latter half of the 1950s, from 6.5 to 7.6 million during the 1960s, over 8 million in the 1970s, and 8.5 million in 1973. The migration level peaked in 1973, the year of the unprecedented increase in the price of oil. The 8.5 million figure reached in that year decreased to 7.5 million in 1975 and to 7.4 million in 1976 and 1977.

It is widely believed that the new phase in internal migration in Japan started in the 1970s, soon after the peak level was reached. To examine the patterns of these population flows, we aggregate the 46 prefectures of Japan (excluding Okinawa) into 15 regions (Figure 1). Net migrations (in-migrants minus out-migrants) between these regions over 5-year periods from 1955 to 1977 are shown in Table 2. For the last period, totals for the three years between 1975 and 1977 have been used.

Table 2 suggests the following observations. First, the Tokyo (E in Figure 1) and Osaka (I) metropolitan areas have been high population-absorbing regions in the past, drawing almost all of their inhabitants from the other regions. Second, the pattern of internal migration started to change around 1965; the excess of in-migrants over out-migrants in all three of the metropolitan areas of Japan (the third being Chukyo (H)) decreased rapidly, and in Osaka (I) a trend toward more out-migrants could already be seen. This pattern has been referred to as the "U turn" by Kuroda (1976, 1980). Several nonmetropolitan regions have changed from being regions of long-term population outflow to regions of population inflow (for example, North Kanto, North Kyushu, and South Kyushu). Still others have experienced drastic reductions in the number of departing migrants (for example, North Tohoku, South Tohoku, Hokuriku, Tosan, San'in, and Shikoku). Such changes in migration patterns within Japan indicate a new trend that shows a decrease of population flow into big cities and an increase of

Year	Number of migrants (in thousands) ^a	Percent increase	Annual rate of internal migration (in percent)
1954	5498	-	6.27
1955	5141	-6.5	5.80
1956	4860	-5.5	5.43
1957	5268	8.4	5.83
1958	5294	0.5	5.81
1959	5358	1.2	5.82
1960	5653	5.5	6.09
1961	6012	6.4	6.42
1962	6580	9.4	6.95
1963	6937	5.4	7.26
1964	7257	4.6	7.51
1965	7381	1.7	7.56
1966	7432	0.7	7.55
1967	7479	0.6	7.51
1968	7775	4.0	7.72
1969	8126	4.5	7.97
1970	8273	1.8	8.02
1971	8360	1.1	8.01
1972	8225	-1.6	7.78
1973	8539	—	7.90
1974	8027	-6.0	7.34
1975	7544	-6.0	6.78
1976	7392	-2.0	6.58
1977	7395	0.0	6.52

TABLE 1 Internal migration trends in Japan.

^aThe number of internal migrants refers to those who migrated between cities, wards, towns, and villages from January 1 through December 31. These data are based on the registration system and differ from the data used in the subsequent multiregional analysis, which are from the 1970 Census. (The number of migrants to and from Okinawa is included after 1973.)

SOURCE: Bureau of Statistics (1978).

population flow from metropolitan to nonmetropolitan areas. A large proportion of the outward mobility from cities is to surrounding areas; therefore, the definition of what is meant by a metropolitan or nonmetropolitan area becomes important in any analysis of urban deconcentration. Many delineations have been proposed to date; a brief look at one, *functional urban regions* (FUR), will verify the recent migration behavior in Japan. FURs are similar to the Bureau of Economic Analysis regions delineated by De Graff (Hansen 1975), to the Daily Urban Systems defined by Berry (1973) although these regions are not completely exhaustive nationally, and to the Metropolitan Economic Labor Areas introduced in the study of Hall et al. (1973).

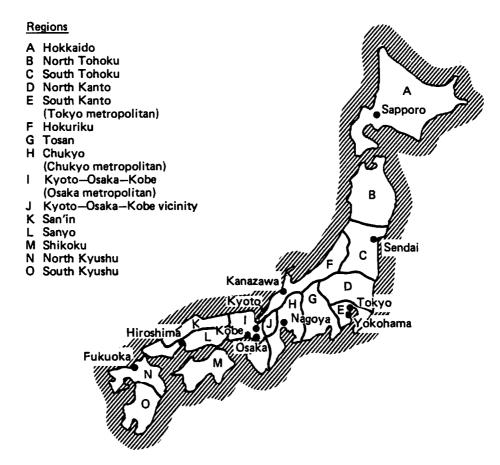


FIGURE 1 Regions and major cities of Japan. (Okinawa is not included on this map.)

The FUR is divided into two areas: the functional urban core and the hinterland. The functional urban core is an urban unit that covers the entire urban area in and around an administratively defined city where various types of activities form a functionally integrated economic and social subsystem. It is composed of a core-city and its commuting field and generally corresponds to the concept of the metropolitan area (or that of the Standard Metropolitan Statistical Area adopted by the US Bureau of the Census). The hinterland is the area that surrounds and is economically linked to a functional urban core. The FURs together make up the total area of the national territory. They are contiguous spatial units and are designated in such a way as to be mutually exclusive and collectively exhaustive. A more complete explanation of the divisions and a detailed analysis of Japan's FURs may be found in Kawashima (1982).

Region	1955	1960— 1964		1970– 1974	1975– 1977
A Hokkaido	+23	-151	-199	-217	-10
B North Tohoku	-160	-298	-250	-204	-30
C South Tohoku	-280	-361	-219	-79	-8
D North Kanto	-285	-201	90	+95	+ 53
E South Kanto	+1422	+1854	+1452	+876	+169
F Hokuriku	-245	-254	-212	-121	-30
G Tosan	-222	-137	-87	-20	-22
H Chukyo	-70	+311	+157	+111	-24
I Kyoto–Osaka–Kobe	+633	+929	+526	+62	-164
J Kyoto-Osaka-Kobe					
vicinity	-57	-37	+22	+107	+62
K San'in	-88	-115	-93	-46	-4
L Sanyo	-127	-185	-53	+25	-19
M Shikoku	-212	-289	-199	-79	-3
N North Kyushu	- 177	-606	-407	-241	+25
O South Kyushu	-293	-461	-349	-228	+9

TABLE 2 Internal net migration between regions in postwar Japan (per thousand).^a

a + indicates a gain in population due to migration.

- indicates a loss in population due to migration.

SOURCE: Bureau of Statistics (1978).

Table 3 shows examples of urban decline as opposed to continuous urban growth, depending on the criteria used for delineating urban areas. The cities of Tokyo and Osaka (1 and 4 in Table 3) show an absolute urban decline beginning after 1965. On the other hand, if we use functional urban cores as spatial units, a continuous growth has occurred for both Tokyo (2) and Osaka (5), although the rate of this growth has been declining. Note also that the growth rates of the hinterland areas for both Tokyo (3) and Osaka (6) have been continuously increasing since 1960.

The above analysis reinforces the concept of the "U turn" trend in Japan, but unfortunately, this trend is not sufficient in itself to eliminate the many problems that are created by the over-crowding of cities.

1.3 Net Migration in Japan's Three Metropolitan Areas

Let us now look at net migration in Japan's three metropolitan areas (Tokyo (E), Osaka (I), and Chukyo (H) in Figure 1), where changes in patterns of internal migration appear most clearly (Table 4). In 1961, 1962, and 1963, the total excess of in-migrants over out-migrants exceeded the 600 000 mark every year. Subsequently, the number of excess in-migrants decreased. In 1973, the

					Growth rate (in percent)		
Spatial unit	1960	1965	1970	1975	1960— 1964	1965– 1969	
(1) Tokyo special-ward area	8 3 1 0 0 2 7	8 893 094	8 840 942	8 642 800	7.02	-0.59	-2.24
(2) Functional urban core of Tokyo FUR	13 388 959	15844973	18 005 893	19955814	18.34	13.64	10.83
(3) Hinterland of Tokyo FUR	1 773 261	1 716 658	1 757 307	1 888 959	-0.96	2.37	7.49
(4) Osaka city	3 011 563	3 1 56 222	2 980 487	2 778 975	4.80	-2.48	-6.76
(5) Functional urban core of Osaka FUR	6 855 068	8 298 236	9 521 577	10 374 705	21.05	14.74	8.96
(6) Hinterland of Osaka FUR	218 787	209 063	202 004	203 403	-4.44	-3.38	0.69
Total population of Japan	94 301 623	99 209 137	104 665 171	111 933 818	5.20	5.50	6.94

TABLE 3 Population and growth rate of core city, functional urban core, and hinterland for the functional urban regions of Tokyo and Osaka.

Note: The functional urban core of the Tokyo FUR is composed of 120 administratively defined areas including the Tokyo special-ward area. The Tokyo specialward area consists of 23 wards and corresponds to Tokyo city. The functional urban core of the Osaka FUR is composed of 69 administratively defined areas including Osaka city.

SOURCE: Kawashima (1982).

	Metropolitan A	Area		
Year	Tokyo	Osaka	Chukyo	Total
1955	235	95	23	353
1956	247	112	42	401
1957	295	169	44	507
1958	273	123	26	422
1959	300	145	45	490
1960	333	189	72	594
1961	359	221	75	655
1962	364	211	72	647
1963	354	185	80	619
1964	327	174	76	578
1965	298	131	52	481
1966	266	103	37	406
1967	255	107	42	404
1968	259	112	48	418
1969	250	121	55	426
1970	248	91	54	393
1971	206	47	37	289
1972	159	24	24	207
1973	97	-5	22	114
1974	53	-21	7	39
1975	45	-30	-4	11
1976	26	-41	-7	-23
1977	35	45	0	-9

TABLE 4 Levels of net migration (in-migrants minus out-migrants, in thousands) in the three metropolitan areas of Japan.^a

^aFigures are rounded for the metropolitan areas, and, therefore, the sums of the first three columns do not always equal the numbers in the final column. SOURCE: Bureau of Statistics (1978).

year of the oil embargo, net migration fell to a low of 114 000 and ultimately became negative in 1976; internal migration for these areas had reached a decisive transitional stage.

The considerable change in the relative contribution of internal migration to population increase in the metropolitan areas is another important point. The ratio of natural increase to total population growth (natural increase plus migration) for the two metropolitan areas of Tokyo and Osaka is shown in Table 5. Until 1965, as much as 50 percent of total population growth could be attributed to migration in both metropolitan areas. A transition point, however, was reached in 1965. After that year and in the 5-year period between 1970 and 1975, this percentage steadily decreased, reaching a minimum of 3 percent

	Tokyo metropolitan area				Osaka metropolitan area			
Period	Population increase (A)	Natural increase (B)	Net in- migration (C) ^a	(C/A)100 (in percent)	Population increase (A)	Natural increase (B)	Net in- migration (C) ^a	(C/A)100 (in percent)
1950–1955	2374	901	1473	62.0	1175	557	618	52.6
1955–1960	2440	877	1563	64.1	1230	510	721	58.6
1960-1965	3153	1294	1859	59.0	1665	758	907	54.5
1965–1970	3096	1740	1356	43.8	1469	973	495	23.7
1970–1975	2926	2039	887	30.3	1157	1122	35	3.0

TABLE 5 Changes in natural increase and net in-migration (per thousand) in two major metropolitan areas of Japan, 1950–1975.

^aNet in-migration was calculated by subtracting total natural increase (vital statistics) from total growth of the population for the 5-year periods in the prefectures (census data) that make up the metropolitan area. (The prefectures for the Tokyo metropolitan area are Saitama, Chiba, Tokyo, and Kanagawa, and those for the Osaka metropolitan area are Kyoto, Osaka, and Hyogo.)

SOURCE: Bureau of Statistics (1976), Ministry of Health and Welfare (1976).

in the Osaka metropolitan area, where 97 percent of the growth was attributable to natural increase. For the Tokyo metropolitan area, the corresponding percentage during the 1970–1976 period reached a low of 30 percent. In the Third National Comprehensive Development Plan (Land Agency of the Japanese Government, 1977, 1979), the government assumes zero net migration for the above areas, a reflection of the reversal experienced in recent times of the ratio of internal migration to natural increase described above.

1.4 The Mobility Transition in Japan

The statistics shown in the previous pages indicate that there is a new trend in Japan's internal migration (see also Kuroda 1977). They suggest that Japanese now have different preferences regarding their places of residence than in earlier times. Many people have reevaluated the lure of the big cities. Especially at the young labor force ages, Japanese have decided that rising housing costs, deterioration of living conditions, pollution, and an increased distance to the countryside are making large cities less attractive. This change of attitude, coupled with governmental policies, has led to a counterflow from the metropolitan areas.

The first trend that can be seen in this mobility transition is a redistribution of the population. This is clearly shown by: the high growth rate of the population in small- and medium-sized cities, the increase of the ratio of smalland medium-sized cities to the total national population, and the considerable drop in the demographic growth rate of the metropolitan cities (with more than one million inhabitants) and surrounding areas.

The second trend, related to the first, demonstrates a change in the regions selected by the migrating population. Tables 2 and 4 illustrate this point. It is impossible to know exactly which regions will be chosen as destinations by the migrating population; however, the preference index (*PI*)*, devised by Uchino (1976), gives an indication of such a change in trend. An analysis of the years between 1955 and 1977 (Uchino 1979) again suggests that migration tends to be out of metropolitan areas and into nonmetropolitan areas.

The flow of out-migrants has increasingly tended to be from metropolitan areas to rural communities. For example, migrants have recently decided to leave the Tokyo metropolitan area and move to the North Kanto, South Tohoku, North Tohoku, and Hokuriku regions, with the strongest preference being to

*To calculate the preference index, the following equation is used:

$$PI = \frac{Mod(\Sigma Pi - Po)}{mPoPd} 100$$

Mod denotes the observed flow of out-migrants

- *m* denotes the ratio of interregional migration to the national population
- Po denotes the population of the region of departure
- Pd denotes the population of the region of destination

 ΣPi denotes the total population

	Year					
Region	1955	1960	1965	1970	1975	1977
From E South Kanto (Tokyo metropolitan)						
To D North Kanto	235	203	213	245	229	229
C South Tohoku	153	126	145	140	175	170
B North Tohoku	80	79	108	114	161	151
F Hokuriku	128	95	96	87	99	136
G Tosan	193	155	148	144	153	159
From 1 Kyoto–Osaka–Kobe						
(Osaka metropolitan)						
To J Kyoto–Osaka–Kobe	469	385	489	522	556	637
vicinity K Sanita	208	385 196	224	225	251	268
K San'in			224	223	243	245
M Shikoku	239	186				
O South Kyushu	138	110	163	158	229	223
L Sanyo	167	148	176	176	182	175
N North Kyushu	70	63	104	107	144	133

TABLE 6 The destination preference indexes of migrants from the Tokyo and Osaka metropolitan areas.

SOURCE: Uchino (1976) for 1955-1970 and (1979) for 1975-1977.

the North Kanto region (as can be seen by the index of 200+ on Table 6). The *PI* for South Tohoku, however, increased from 126 in 1960 to 175 in 1975, and for North Tohoku it stayed below 100 through 1960, went over the 100 mark in 1965, and reached 161 in 1975. The index for Hokuriku reached a low 95 in 1960 and then gradually increased to 136 in 1977.

Out-migrants from the Osaka metropolitan area generally have chosen its vicinity, region J, as well as San'in, Shikoku, and South Kyushu as new places of residence. The preferred region J has a high PI of over 500 after 1970 and as high as 637 by 1977. The San'in region then follows with a low in 1960 of 196 to a high of 268. The Shikoku region is a similar case with an index of 186 in 1960 and 245 in 1977. In the South Kyushu region, the preference index of 110 in 1960 doubled after 1974. These figures seem to indicate a migratory trend to surrounding nonmetropolitan regions and a return migration to rural areas.

The preference index also shows a considerable increase in the selective migration between adjacent nonmetropolitan regions. For example, migration between such regions as North and South Tohoku and San'in and Sanyo is becoming more frequent than the selective migration to metropolitan areas (Table 7). Until 1960, most of the out-migrants from South Tohoku chose South Kanto (the Tokyo metropolitan area) as their destination. After 1965,

	Year					
Region	1955	1960	1965	1970	1975	1977
From C South Tohoku						
To B North Tohoku	170	189	211	231	333	349
E South Kanto	418	472	355	278	247	233
D North Kanto	112	154	123	139	136	140
A Hokkaido	129	106	70	70	79	80
From B North Tohoku						
To C South Tohoku	198	249	267	310	381	401
E South Kanto	217	294	292	289	243	230
A Hokkaido	267	250	196	135	152	182
From K San'in						
To L Sanyo	380	382	498	557	598	608
I Kyoto–Osaka–Kobe	469	566	491	389	303	278
J Kyoto–Osaka–Kobe						
vicinity	104	185	167	147	123	122
From L Sanyo						
To K San'in	316	296	323	394	522	551
M Shikoku	190	155	171	204	219	232
N North Kyushu	158	136	168	158	220	210
I Kyoto-Osaka-Kobe	321	354	280	222	190	190

TABLE 7 The destination preference indexes of migrants from the SouthTohoku, North Tohoku, San'in, and Sanyo regions.

SOURCE: Uchino (1976) for 1955-1970 and (1979) for 1975-1977.

however, there was a rapid decrease in the *PI* to one-half the 1960 figure. Recently, North Tohoku has become the most popular destination of outmigrants from the South Tohoku region, thus replacing the South Kanto region in preference by a steadily increasing amount. The same is also true for the relationships between the North Tohoku, South Kanto, and South Tohoku regions. Most out-migrants from North Tohoku have preferred South Tohoku to South Kanto since 1965.

As can be seen in Table 7, a noteworthy trend of internal migration in Japan since 1965 has been the change from selecting metropolitan areas to selecting adjacent local, nonmetropolitan areas as destinations.

The third trend in the mobility transition in Japan is the change in the age profile of the migrants. Generally, most migrants are to be found in the younger age groups. It is impossible, however, to describe fully the changes in age composition since information on the age structure of migrants is limited to census years.

From census data an examination can be made of population changes within age groups in certain prefectures. The most notable finding is that the migration of those males who were 20-24 years old in 1965 was predominantly out of the large-city prefectures of Tokyo, Osaka, Kyoto, and Fukuoka by 1970; in Tokyo and Osaka, this net out-migration was more than 20 percent. Conversely, in most of the prefectures other than the four mentioned above, there was a net in-migration of the same male age group. This clearly shows a reverse flow of the younger-aged male population from the large-city prefectures to the local prefectures (Nishikawa 1973, 1975). The 20-24-yearold male population in 1970 in the Tokyo, Osaka, and Chukyo metropolitan areas decreased by 1975 (9.3 percent, 7.1 percent, and 0.2 percent, respectively), whereas all other regions witnessed an increase of these males, especially Shikoku (17.8 percent) and San'in (19.1 percent) (based on unpublished calculations by Uchino). Furthermore, males 25-29 years old in 1970 (30-34 years old in 1975) were less numerous in the three metropolitan areas and increased in all other regions (except Hokkaido). This clearly shows that return migration is spreading from the 20-24 to the 25-29 age group.

The fourth mobility transition trend in Japan is reflected in the various regional employment opportunities, which are directly related to migration and are important factors in the explanation of internal migration change among the younger working ages. The recent drop in the number of males employed in the highly urbanized and industrialized regions and the alternative increase in the number of males employed in rural, community-type regions, reflect the change in the national distribution structure of employment opportunities that has accelerated the trend of local distribution away from the traditional large cities.

2 CURRENT PATTERNS OF SPATIAL POPULATION GROWTH

2.1 Regional Units and Data

The four recent, interrelated trends in Japan's internal migration, which were discussed in the previous section, have all occurred since 1965 and warrant further research. An examination of spatial population growth in the last 10 years is one possible path for this research.

In this report, for convenience the analysis of spatial population growth in Japan begins with a consolidation of the 15-region aggregation described in the Introduction into the 8-region aggregation used by the Land Agency of the Japanese Government. The eight regions include Hokkaido, Tohoku, Kanto, Chubu, Kinki, Chugoku, Shikoku, and Kyushu. Figure 2 illustrates the boundaries of Japan's prefectures (the administrative areas of cities, towns, and villages) and shows the eight-region boundaries.

The base year of 1970 was chosen for this analysis because the census of this year had the most recent migration data by age and sex. The data for the interprefectural migration are for the period beginning October 1, 1969 and ending September 30, 1970 (Bureau of Statistics 1974). They were collected

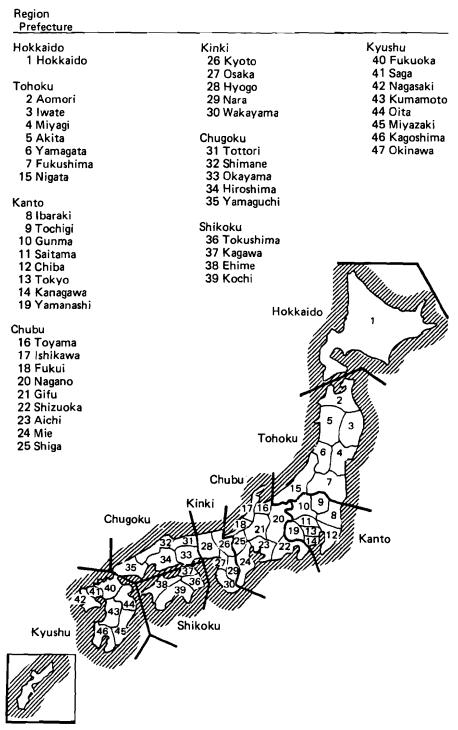


FIGURE 2 The 8 regions (--) and 47 prefectures (--) of Japan. The Okinawa prefecture (600 kilometers south of Kyushu) has been included in the Kyushu region.

for each of the 47 prefectures and were then aggregated into the regions defined above. All migration data are those of the census, which was held on October 1, 1970 (Bureau of Statistics 1971). They are based on a 20 percent sample and are obtained from the census question: If you moved to your present residence within the last year, where did you move from and when? These migration data have been used instead of the data from the registration system because they are age-specific and origin-destination-specific.

The birth and death data, however, are derived from the vital statistics and refer to the period from January 1 through December 31, 1970 (Ministry of Health and Welfare 1970, 1976, Bureau of Statistics 1971, Department of Welfare 1972).

In 1970, the total population of Japan was 104.7 million people. The average population in each of the regions was 13 million (Table 8) with Shikoku in the southwest having the smallest number of people (4 million), and Kanto – the region containing the major cities of Tokyo and Yokohama – having the largest number of people (30 million). Of these populations the island of Shikoku had the highest mean age (34.2 years), followed by the Chugoko, Kyushu, and Tohoku regions. The Kanto region was on the other end of the scale, with a mean age of 30.4 years, as were the regions of Hokkaido, Kinki, and Chubu. Appendix A gives the observed population characteristics for 1970 in 5-year age groups (open-ended after 85 years) for the male, female, and total populations, the number of births (by age of mother), the number of deaths, and the number of interregional migrations among the eight regions. Intraregional migrations are not considered in this study, although a considerable amount of migration occurs within each of the eight regions.

Region	Total population (in thousands)	Mean age of population
Hokkaido	5 184	30.5
Tohoku	11 392	32.0
Kanto	30 258	30.4
Chubu	17 401	31.9
Kinki	16511	31.3
Chugoku	6 997	33.7
Shikoku	3 904	34.2
Kyushu	13017	32.3
Total	104 665	31.5

TABLE 8Japan's regional total populations and associated mean ages, 1970.

SOURCE: Calculated from Appendix A.

	Region							
Characteristic	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
Age-specific fertility rates (per thousand)								
15–19	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2
20–24	5.6	5.9	3.7	5.6	4.7	5.8	6.3	5.5
25–29	10.1	10.7	10.1	10.9	10.4	10.7	10.3	11.1
30–34	3.5	3.9	5.0	3.8	4.2	3.5	3.5	4.8
3539	0.7	0.8	1.2	0.8	1.0	0.7	0.7	1.2
4044	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2
Mean age of childbearing	27.2	27.4	28.4	27.4	27.9	27.3	27.2	27.9
Gross reproduction rate	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.2
Crude birth rate (per thousand)	17.7	15.9	20.6	18.8	20.5	16.6	15.6	16.6
SOURCE: Appendix B.								

1970.
characteristics,
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's regional
Japan
TABLE 9

2.2 Fertility

The age-specific fertility rates for each of the eight regions of this study are given in Table 9. Kanto and Kinki, the two regions that contain five of the seven largest cities in Japan – Tokyo, Yokohama (in the Kanto region) and Kyoto, Osaka, and Kobe (in the Kinki region) – had a relatively low fertility rate for the 20-24 age group and a higher rate for the 30-34 age group. A comparatively high fertility rate, on the other hand, existed in the Kyushu region in all but the first and last age groups.

As can be seen by the mean age of childbearing in Table 9, babies were born to slightly older mothers in the Kanto, Kinki, and Kyushu regions than in the other five regions in 1970. Education and housing are the primary reasons for the tendency of women in these highly industrialized and urbanized regions to have their children later in life. The majority of women who are earning educational degrees, postpone their time of childbearing. If, when this time comes, they choose to remain in the city where they have earned their degree, they are then faced with the problem of finding adequate housing for a family, which is obviously more difficult in a densely populated area. The patterns in Japan are no different than in the rest of the world in this respect.

Also found in Table 9 are the gross reproduction rates (GRRs), which are the sum of the age-specific fertility rates multiplied by five (the width of the age interval). These rates give the average number of children born alive to parents who have lived through their childbearing years and at the same time have conformed to the age-specific fertility rates of a given year, in this case 1970. The GRRs are close to the replacement level and are relatively uniform throughout the country, being only slightly higher in the Kyushu region.

The crude birth rates (the number of births per thousand population in a given year) also do not differ significantly across regions. The Kanto region has the highest rate of 20.6 babies per thousand, and the Shikoku region has the lowest rate of 15.6. Figure 3 gives the distribution of these rates throughout the country; the national crude birth rate in 1970 was 18.7.

2.3 Mortality

There was also a relative uniformity in the crude death rates (the number of deaths per thousand population in a given year) and life expectancies at birth among the eight regions of Japan in 1970. The observed mortality rates for males, females, and the total population can be found in Appendix B; for quick reference a summary is given in Table 10. The most striking aspects of these data are the low crude death rates and the high life expectancies.

In the Kanto region, there were 5.3 female and 6.3 male deaths per thousand population in 1970. This is not only a low rate for Japan but also an exceptionally low rate when compared with the rest of the world. The island of Shikoku, on the other hand, has the highest crude death rate: 8.0 for females and 10.6 for males.

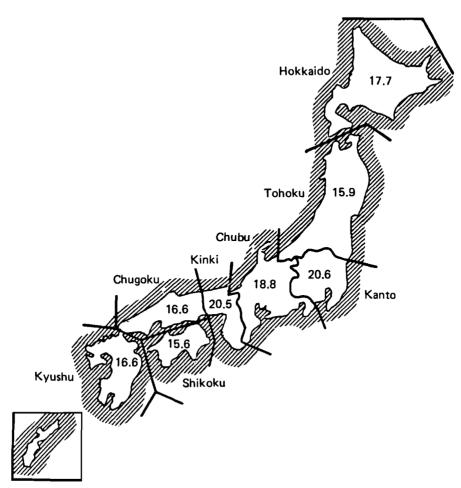


FIGURE 3 Japan's crude birth rates (per thousand) for 1970 by region.

The expectation of life at birth exhibited even less variation across regions in 1970. A male born in any region of Japan could expect to live between 68.2 and 70.1 years and a female could expect to live between 74.1 and 75.4 years.

2.4 Migration

The total number of 1970 out-migrants from each region is shown in the observed population characteristics of Appendix A. The total number of outmigrants from the Hokkaido region, for example, was 143 647. (Each person who migrated from this island was assumed to have moved to one of the other seven regions of Japan.) The region most frequently chosen by the outmigrants of Hokkaido was Kanto, and the region least frequently chosen was Shikoku. Table 11 shows that most migrants move into the Kanto and Kinki

	Crude death thousand)	rates (per	Expectations of life at birth		
Region	Males	Females	Males	Females	
Hokkaido	7.1	5.2	69.1	74.4	
Tohoku	8.6	6.8	68.2	74.1	
Kanto	6.3	5.3	69.9	75.0	
Chubu	7.7	6.4	70.0	74.9	
Kinki	6.7	5.6	70.1	75.0	
Chugoku	9.4	7.3	69.5	75.4	
Shikoku	10.6	8.0	68.5	74.6	
Kyushu	9.1	7.0	68.5	74.6	

TABLE 10 Japan's regional crude death rates and life expectancies for males and females, 1970.

SOURCE: The crude death rates are found in Appendix B. The life expectancies were calculated with the single-region life table using the above death rates.

regions from all regions with the exception of the out-migrants from Kanto who prefer the neighboring region of Chubu to Kinki. The island of Shikoku receives the least number of in-migrants, followed by Hokkaido and Tohoku.

The crude and the age-specific out-migration rates and the mean age of the out-migration schedule, given in Appendix B, are defined in the same way as the comparable rates for births and deaths. Let us turn first to the crude out-migration rates for the male, female, and total populations of Japan in 1970 (Table 12). A noticeable variation exists in these rates among the eight regions. In the two highly industrialized and urbanized regions (Kanto and Kinki) and in the adjacent Chubu region, a relatively low out-migration rate occurred in 1970. Roughly 12 people out of every one thousand migrated out of Kanto as compared with the 35 people per thousand who migrated out of Kyushu. During 1970, in fact, all other regions in Japan had a much higher out-migration rate than did these three central regions. As explained in the introductory section of this report, however, Japan is recently experiencing a "U turn" trend, and an analysis using 1980 census data would probably show more out-migration from these three urbanized regions.

Table 12 also gives the crude out-migration rates for males and females. Census results show that of every thousand females who lived in the Kanto region in 1969, only 9 were found to have moved out of this region by October 1, 1970, whereas almost 30 per thousand migrated out of the Kyushu region. Of every thousand males living in Kyushu, 41.6 moved out.

Age-specific out-migration rates across all eight regions of Japan are given in Appendix B. Here, however, we will briefly note only the mean age of those people who migrated in 1970. Figure 4 shows clearly that the oldest migrants tend to come from the two central regions of Kanto (34 years) and Kinki (32

TABLE 11 Number of Japanese migrating out of a region and the number of these out-migrants received by each of the remaining seven regions, 1970.

		Regions receiving migrants and number of migrants received							
Region of origin	Total out- migration	Region receiving the most migrants from region of origin	Number of migrants received	Region receiving the least migrants from region of origin	Number of migrants received				
Hokkaido	143 647	Kanto	87 992	Shikoku	1 047				
Tohoku	340 545	Kanto	258 622	Shikoku	925				
Kanto	354900	Chubu	99 181	Shikoku	9 642				
Chubu	292 537	Kanto	151 957	Shikoku	4 905				
Kinki	278 486	Kanto	95 769	Hokkaido	4 340				
Chugoku	178737	Kinki	78 857	Hokkaido	1 268				
Shikoku	125 075	Kinki	66 21 1	Tohoku	791				
Kyushu	461 374	Kinki	162645	Tohoku	3416				

SOURCE: Appendix A.

	Crude out-migration rates (per thousand)				
Region	Male	Female	Total		
Hokkaido	32.6	23.0	27.7		
Tohoku	35.2	25.0	29.9		
Kanto	14.1	9.3	11.7		
Chubu	19.6	14.1	16.8		
Kinki	19.8	14.0	16.9		
Chugoku	29.7	21.7	25.5		
Shikoku	37.9	26.7	32.0		
Kyushu	41.6	29.9	35.4		

TABLE 12Japan's regional crude out-migration rates forthe male, female, and total populations, 1970.

SOURCE: Appendix B.

years) and from the northern island of Hokkaido (33 years). The mean ages of out-migrants from the remaining eight regions all range between 27.8 and 29.5 years of age.

3 MULTIREGIONAL POPULATION ANALYSIS

Until recently, single-region life table models and single-region stable population projection models have played a principal role in population analysis. In the past decade, however, these models have been extended to include many regions, and a methodology for multiregional population analysis has been developed, which uses data on migration as well as data on births and deaths (Rogers 1975). In this section we will interpret the results produced by computer programs developed at IIASA (Willekens and Rogers 1978) for Japan, and compare them with the results produced by single-region population models using the 1970 base year and the eight-region aggregation.

3.1 Multiregional Life Table

To examine the impact of interregional migration in a multiregional population system, we begin with hypothetical groups of individuals born at the same moment and in a number of regions. These birth cohorts, representing 100 000 people in each region, say, and statistics describing their life history are at the center of the computations generating a multiregional life table. The data for the computations include age-specific mortality and origin—destination-specific migration schedules for each region during the base period. The output yields such statistics as the proportion of each cohort that is expected to survive to a specific age, the number of years expected to be lived in the various regions, and the life expectancy by region of birth and region of residence.

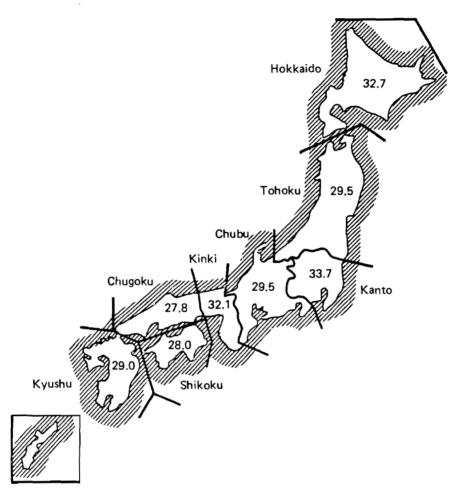


FIGURE 4 Japan's mean age of out-migrants for 1970 by region.

A full explanation of the methodology and computer programs used can be found in Rogers (1968, 1975) and Willekens and Rogers (1978) and will, therefore, not be discussed here. Instead we will turn to the results of our analysis.

Appendix C gives the expectation of life at birth by region and sex. For easy reference Table 13 summarizes these multiregional results for Japanese males aged 0, 20, and 65. According to this table, a male born in Hokkaido may expect to live 69.5 years. Out of these, he is expected to live 27.1 years in Hokkaido, 3.5 in Tohoku, 23.7 in Kanto, etc. When this Hokkaido-born male reaches the age of 20, he may expect to live another 51.6 years: 11.6 in Hokkaido, 3.3 in Tohoku, and 22.4 in Kanto. It is clear that in Japan the average number of years a person may expect to live in his place of birth is larger than the average number of years he may expect to live in any other region, especially if he is born in the Kanto or Kinki region.

Region of birth	Age	Total	Region of residence							
			Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
 Hokkaido	0	69.5	27.1	3.5	23.7	7.0	4.9	1.3	0.5	1.6
	20	51.6	11.6	3.3	22.4	6.6	4.8	1.2	0.4	1.4
	65	12.7	1.9	0.9	5.6	1.9	1.4	0.4	0.1	0.4
Tohoku	0	69.3	2.2	27.6	27.0	6.1	3.8	1.1	0.4	1.1
	20	51.5	2.1	11.2	25.9	5.9	3.8	1.1	0.4	1.1
	65	12.6	0.6	1.9	6.3	1.8	1.2	0.4	0.1	0.3
Kanto	0	69.8	1.3	3.7	50.0	6.1	5.0	1.5	0.5	1.6
	20	51.7	1.2	3.5	33.1	5.8	4.8	1.4	0.5	1.4
	65	12.7	0.3	1.0	7.2	1.8	1.4	0.4	0.2	0.4
Chubu	0	69.8	0.9	2.2	16.2	39.2	7.6	1.5	0.6	1.5
	20	51.8	0.9	2.2	15.5	22.6	7.3	1.5	0.5	1.4
	65	12.7	0.2	0.7	4.0	4.9	1.9	0.4	0.2	0.4
Kinki	0	69.9	0.7	1.5	12.5	7.5	41.0	3.1	1.3	2.3
	20	51.8	0.6	1.5	11.9	7.0	24.7	2.8	1.1	2.0
	65	12.7	0.2	0.5	3.2	2.1	5.1	0.8	0.3	0.5
Chugoku	0	69.6	0.7	1.7	14.8	6.7	13.5	28.0	1.5	2.7
	20	51.7	0.7	1.7	14.3	6.5	12.7	12.1	1.3	2.4
	65	12.8	0.2	0.5	3.7	1.9	3.1	2.4	0.3	0.6
Shikoku	0	69.3	0.7	1.6	13.9	7.3	17.1	4.1	22.8	2.0
	20	51.6	0.7	1.6	13.7	7.1	16.0	3.7	7.0	1.8
	65	12.7	0.2	0.5	3.5	2.1	3.8	1.0	1.2	0.5
Kyushu	0	69.4	0.9	1.9	17.8	8.9	12.9	3.3	0.8	23.1
	20	51.6	0.8	1.9	17.1	8.5	12.1	3.0	0.8	7.5
	65	12.7	0.2	0.6	4.3	2.4	3.0	0.8	0.2	1.2

 TABLE 13
 Expectations of life by age and region of birth for Japanese males.

SOURCE: Appendix C.

Region of residence	Region of birth									
	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu		
a. Expectati	ion of life (year									
Hokkaido	30.2937	1.9696	1.1510	0.7433	0.5649	0.5412	0.5814	0.7439		
Tohoku	3.3338	29.7494	3.4833	1.9387	1.2440	1.3609	1.2393	1.5604		
Kanto	23.1294	27.8701	53.1357	15.4664	11.8585	13.6100	12.8017	17.1061		
Chubu	7.2980	6.2231	5.9500	42.6213	7.1648	6.1240	6.7513	9.2193		
Kinki	4.7495	3.5919	4.8951	7.7938	44.2971	14.8373	18.5540	13.8279		
Chugoku	1.1323	0.9816	1.4628	1.4605	3.2505	31.1533	4.1548	3.3455		
Shikoku	0.4699	0.3795	0.5416	0.5957	1.4273	1.6302	25.8061	0.8715		
Kyushu	1.6856	1.1854	1.7299	1.7037	2.6578	3.0139	2.0871	25.3828		
Total	72.0922	71.9506	72.3495	72.3235	72.4650	72.2708	71.9757	72.0576		
b. Migration	ı level (proporti	ional allocation o	of life expectancy	v)						
Hokkaido	0.420208	0.027374	0.015910	0.010278	0.007796	0.007488	0.008078	0.01032		
Tohoku	0.046244	0.413470	0.048146	0.026806	0.017167	0.018831	0.017219	0.02165		
Kanto	0.320831	0.387350	0.734431	0.213851	0.163644	0.188319	0.177861	0.23739		
Chubu	0.101231	0.086492	0.082239	0.589315	0.098873	0.084737	0.093800	0.12794		
Kinki	0.065881	0.049921	0.067658	0.107763	0.611290	0.205301	0.257781	0.19190		
Chugoku	0.015706	0.013642	0.020219	0.020194	0.044856	0.431063	0.057726	0.04642		
Shikoku	0.006519	0.005275	0.007486	0.008236	0.019697	0.022556	0.335839	0.01209		
Kyushu	0.023380	0.016475	0.023910	0.023557	0.036677	0.041703	0.028997	0.35225		
Total	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.00000		

TABLE 14Regional expectations of life at birth and migration levels for the total population of Japan, 1970.

The situation changes, however, as the person grows older. The average number of years a 20-year-old male born in Hokkaido may expect to live in his region of birth is now 11.6 instead of 27.1, whereas the average number of years he may expect to live in Kanto is 22.4 instead of 23.7 (Table 13).

The expectation of life indices in the multiregional life table also include an indication of the migration levels between individual regions. The migration level, or the proportional regional allocation of a life expectancy, is the fraction of an individual's lifetime that is spent in each region. Table 14 shows the life expectancies at birth in part a and the migration levels in part b. The table is analogous to Table 13, the difference being that we are now dealing with the total population of Japan. (Expectations of life at birth and migration levels for females are given in Appendix C.)

Is this multiregional analysis similar to a single-region life table analysis? Table 15 compares results of these two life tables. The life expectancies obtained from a multiregional life table model show less variation than those obtained from a conventional single-region model. Other reports of this migration and settlement comparative study (e.g., Rees 1979) have noted that multiregional measures are regressions of the single-region measures toward the national mean. This is a consequence of the assumption that the mortality behavior of members of a cohort is determined by the region of residence. An implication of this is that the life expectancy of a person born in a low-mortality region decreases if he or she moves to a high-mortality region. The regression toward the mean is a peculiarity of any complex system that is composed of interacting subsystems in which their particular characteristics are imposed upon their members.

Figures 5 and 6 give the probabilities that a male or female child, born in a particular region, can be expected to be living in the region of birth at ages 20 and 65 – the labor force years. For example, the probability of a male born

	Male		Female			
Region	Multiregional life table	Single-region life table	Multiregional life table	Single-region life table		
Hokkaido	69.50	69.06	74.74	74.41		
Tohoku	69.34	68.23	74.60	74.14		
Kanto	69.77	69.89	74.97	75.01		
Chubu	69.76	69.98	74.88	74.85		
Kinki	69.92	70.08	75.00	75.01		
Chugoku	69.56	69.54	75.01	75.37		
Shikoku	69.34	68.47	74.65	74.55		
Kyushu	69.42	68.49	74.72	74.59		

TABLE 15Male and female expectations of life at birth according to multire-
gional and single-region life tables, 1970.

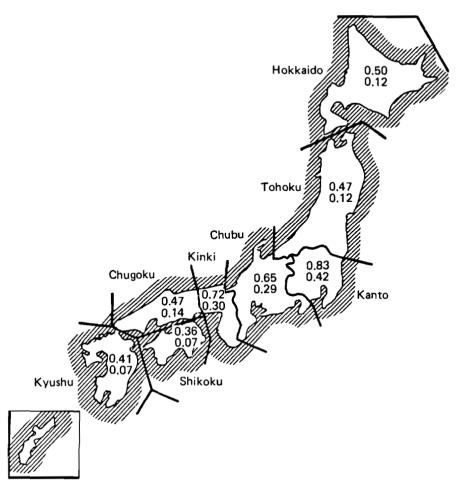


FIGURE 5 Probabilities of Japanese males surviving at exact age 20 (top probability) and 65 (bottom probability) in the region of birth.

in the Kanto region and living in that region at age 20 is 0.83; at age 65 it is 0.42. In the Kyushu region, on the other hand, the probability of a male born in the region and living there at age 20 is only 0.41, less than half of the Kanto region. At age 65 the probability is a very low 0.07.

The distribution of the probabilities of surviving in the region of birth for females is similar to that of males. The actual numbers, however, are higher for females, thus indicating a tendency of females to reside in their place of birth longer than males. This is generally due to the higher death and out-migration rates of males.

These two figures are a good indication of spatial mobility patterns in Japan in 1970, even though deaths are included in the probabilities. Based on the 1970 data the three most industrialized regions of Kanto, Kinki, and Chubu

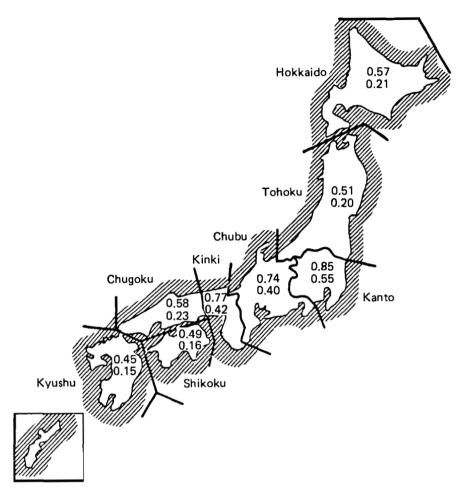


FIGURE 6 Probabilities of Japanese females surviving at exact age 20 (top probability) and 65 (bottom probability) in the region of birth.

can be expected to maintain between 65 000 and 83 000 20-year-old males of every 100 000 born in the region, whereas all other regions are expected to lose at least half of their potential male labor force. This discrepancy is quite large, especially in a country with such a high population density; it is not surprising that the present migration trends are away from the urban areas and toward the less populated areas.

3.2 Fertility and Mobility Analysis

The net reproduction rate (NRR) in the multiregional analysis is analogous to its single-region counterpart. It gives the average number of babies born to an individual during a lifetime of exposure to the age-specific fertility and mortality rates observed during a particular year. It also includes the impact of migration on fertility, which is not incorporated in the single-region life table. For these calculations it is assumed that the parent adopts the fertility and mortality rates of the region of residence.

Table 16 shows the results of the multiregional NRRs by region of birth for Japanese females born in 1970. (Appendix C gives the NRRs for the total population as well.) The first part of Table 16 gives the expected number of daughters born in each region by the mother's region of birth. For example, every 100 women born in Hokkaido can expect to give birth to 43 daughters in Hokkaido, 3 in Tohoku, and 32 in Kanto. The total in this case represents the total number of daughters expected to be born to a woman whose region of origin is Hokkaido. The diagonal gives the number of daughters born in the mother's region of birth. The values for the Kanto (0.78), Chubu (0.61), and Kinki (0.66) regions are considerably higher than those for the rest of Japan.

The net reproduction allocations are found in part b of Table 16. The proportion of daughters born in Hokkaido to a mother born in the same region is 43.5 percent and the proportion of daughters born in Kyushu to this same woman is 1.9 percent. A comparison of the percentages in this table indicates that the largest proportion of all daughters born outside the mother's region of birth can be found in the Kanto region, followed by the Chubu region.

The mean ages of childbearing for females are given in Table 17. Among Hokkaido-born women who are living in Tohoku, this mean age is 28.06 years. All mothers who remain in their place of birth are younger than those who have out-migrated except for mothers born in Kanto, according to this table. The mean age of childbearing for Kanto-born mothers who remain in Kanto is 28.15 years.

Based on 1970 census data and a multiregional stationary population, it is possible to calculate the number of out-migrations an individual is expected to make during his lifetime. This rate is called the net migraproduction rate (NMR). The total in Table 18 (part a) shows the total number of out-migrations an individual born in each region is expected to make. As can be seen, a person born in Kanto is less mobile (0.81) than one born in any other region, followed by the Chubu (1.00) and Kinki (1.02) regions. Those regions that seem to have the most outward mobility are the Kyushu (1.47), Shikoku (1.47), and Chugoku (1.34) regions.

The net migraproduction rates are given as percentages in Table 18 (part b). Of the total number of moves a Hokkaido-born person is expected to make during his lifetime, for example, 62.4 percent are from Hokkaido, 16.2 percent from Kanto, and 3.2 percent from Kyushu.

3.3 Multiregional Population Projections

Another important contribution of the multiregional model is that it can be used to make population projections. Projections, however, should not be

Region of birth	Region of bi	irth of mother						
of daughter	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
a. Net reproduction	rate						_	
Hokkaido	0.429428	0.020737	0.010844	0.006340	0.004899	0.003534	0.004420	0.006370
Tohoku	0.031994	0.347025	0.033550	0.015900	0.008126	0.008678	0.007796	0.010530
Kanto	0.318337	0.475766	0.782232	0.209912	0.140340	0.167690	0.163581	0.242852
Chubu	0.106547	0.088471	0.065186	0.608959	0.080086	0.067727	0.078630	0.143374
Kinki	0.056192	0.037711	0.056284	0.113488	0.656993	0.268992	0.338843	0.238424
Chugoku	0.008620	0.007049	0.013531	0.014131	0.038565	0.400689	0.052900	0.041758
Shikoku	0.004242	0.002999	0.005180	0.005798	0.017642	0.020100	0.304017	0.009235
Kyushu	0.018708	0.012705	0.021894	0.024089	0.037354	0.041130	0.025228	0.299019
Total	0.964068	0.992464	0.988700	0.998618	0.984007	0.978542	0.975414	0.991562
b. Net reproduction	allocations (prop	ortional distrib	ution)					
Hokkaido	0.435060	0.020895	0.010967	0.006349	0.004979	0.003612	0.004531	0.006424
Tohoku	0.033187	0.349660	0.033933	0.015922	0.008259	0.008869	0.007992	0.010619
Kanto	0.330202	0.479379	0.791172	0.210203	0.142621	0.171367	0.167704	0.244918
Chubu	0.110518	0.089143	0.065931	0.609802	0.081388	0.069213	0.080612	0.144594
Kinki	0.058286	0.037997	0.056928	0.113645	0.667671	0.274891	0.347383	0.240453
Chugoku	0.008941	0.007102	0.013686	0.014151	0.039192	0.409476	0.054234	0.042114
Shikoku	0.004400	0.003022	0.005239	0.005807	0.017929	0.020541	0.311680	0.009314
Kyushu	0.019405	0.012802	0.022144	0.024122	0.037961	0.042032	0.025864	0.301564
Total	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

TABLE 16Multiregional net reproduction rates for the eight regions of Japan, females, 1970.

SOURCE: Appendix C.

Region of birth	Region of bi	rth of mother						
of daughter	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
Hokkaido	26.7553	27.7816	28.0514	28.1457	28.1719	28.6418	28.2878	28.1272
Tohoku	28.0607	26.7023	28.1677	28.3457	28.6259	28.5948	28.7910	28.7482
Kanto	28.7438	28.6058	28.1503	28.8841	29.0478	28.9399	28.9371	28.7883
Chubu	27.7079	27.8459	28.1484	27.1107	28.0718	28.1056	27.9900	27.6712
Kinki	28.5328	28.8895	28.6078	28.3806	27.5366	28.1236	28.0522	28.0844
Chugoku	28.5113	28.7842	28.1516	28.2492	27.9460	26.7197	27.7195	27.7252
Shikoku	28.2904	28.7603	28.2709	28.3011	27.9070	27.7517	26.3958	28.1649
Kyushu	28.8810	29.3513	28.8321	28.7589	28.6647	28.5922	29.0304	27.1117
Total	28.1854	28.3401	28.2975	28.2720	28.2465	28.1836	28.1505	28.0526

TABLE 17Mean ages of childbearing by region of birth and residence of mother, Japan, 1970.

Region of	Region of bi	irth						
out-migration	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
a. Net migraproduc	tion rates				· · · ·			
Hokkaido	0.805711	0.039431	0.022305	0.014178	0.010484	0.009690	0.010952	0.014242
Tohoku	0.069696	0.857919	0.068467	0.034925	0.020647	0.023143	0.019748	0.025327
Kanto	0.209178	0.261444	0.523283	0.137928	0.101030	0.120649	0.113229	0.154936
Chubu	0.085438	0.068919	0.063125	0.643498	0.078923	0.066986	0.075607	0.112757
Kinki	0.054411	0.038368	0.055354	0.095670	0.655117	0.195238	0.250510	0.181122
Chugoku	0.016033	0.012848	0.022825	0.022364	0.056458	0.804982	0.080963	0.062651
Shikoku	0.008909	0.006347	0.010550	0.011610	0.032192	0.040081	0.867356	0.017573
Kyushu	0.041265	0.024537	0.041912	0.042018	0.068935	0.083912	0.050649	0.900902
Total	1.290642	1.309814	0.807821	1.002190	1.023785	1.344680	1.469014	1.469511
b. Net migraproduc	tion allocations (p	roportional dis	tributions)					
Hokkaido	0.624271	0.030104	0.027612	0.014147	0.010240	0.007206	0.007455	0.009692
Tohoku	0.054001	0.654993	0.084755	0.034849	0.020168	0.017211	0.013443	0.017235
Kanto	0.162073	0.199604	0.647771	0.137626	0.098682	0.089723	0.077078	0.105434
Chubu	0.066198	0.052618	0.078142	0.642092	0.077089	0.049815	0.051468	0.076731
Kinki	0.042158	0.029293	0.068522	0.095461	0.639897	0.145193	0.170529	0.123254
Chugoku	0.012422	0.009809	0.028255	0.022315	0.055147	0.598642	0.055114	0.042634
Shikoku	0.006903	0.004846	0.013060	0.011584	0.031444	0.029807	0.590434	0.011959
Kyushu	0.031973	0.018733	0.051883	0.041926	0.067333	0.062403	0.034478	0.613063
Total	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

 TABLE 18
 Net migraproduction rates for the eight regions of Japan, total population, 1970.

confused with forecasting. Projections reflect the future impact of current patterns of fertility, mortality, and migration; forecasting reflects the effects of possible future events on these demographic components. Appendix D gives the results of the age-specific multiregional population projections for 1980, 2000, and 2030 for the total population of Japan and for its female population, based on 1970 data.

Table 19 shows male, female, and total projected populations by 5-year intervals for Japan as a whole. (The male population figures can be derived by subtracting those of the females from those of the total population.) According to the table, the total population will increase about 24 percent by the year 2000 and about 28 percent by 2030.

Table 20 gives the percentage distributions of the population over the eight regions for 1970 and those projected for the years 2000 and 2030. The share of the population in the Kanto region is expected to increase considerably by 2030 followed by the Kinki and Chubu regions. All other regions are expected to decrease in population. It must be remembered that these projections are based on 1970 migration data and that 1965 was the beginning of the "U turn" trend in Japan. It would be interesting to run the projections again with 1980 data to see if the migration from the metropolitan areas affects these results or if the regions are so large that the migration to the suburbs is not registered in the analysis.

The information in Appendix D allows us to compare the ages of the projected population. As in many countries, the population of Japan is aging and the ratio of the dependent population is increasing. Between 1970 and 2030

Year	Male	Female	Total
1970	51 369	53 296	104 665
1975	54 487	56401	110 888
1980	57 274	59 1 5 1	116425
1985	59 4 2 3	61 217	120 640
1990	61 105	62 741	123 846
1995	62 636	64 047	126 683
2000	64 1 58	65 283	129 441
2005	65 506	66 3 1 2	131 818
2010	66417	66927	133 344
2015	66 849	67 035	133 884
2020	66 988	66 844	133832
2025	67167	66 575	133742
2030	67 514	66 394	133 908

TABLE 19Projected male, female, and totalpopulations (in thousands) for Japan to the year2030 based on 1970 data.

SOURCE: Appendix D and calculations based on Appendix A.

		Region								
Year	Population	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu	Total
1970	Male	5.0	10.7	29.7	16.5	15.9	6.5	3.6	12.0	100.0
	Female	4.9	11.1	28.1	16.7	15.6	6.8	3.9	12.9	100.0
	Total	5.0	10.9	28.9	16.6	15.8	6.7	3.7	12.4	100.0
2000	Male	3.4	6.8	40.2	17.6	19.2	5.2	2.0	5.5	100.0
	Female	3.4	6.8	37.6	17.6	19.5	5.4	2.5	7.3	100.0
	Total	3.4	6.8	38.9	17.6	19.3	5.3	2.2	6.4	100.0
2030	Male	2.7	6.0	44.3	17.6	19.5	4.5	1.5	4.0	100.0
	Female	2.4	4.9	42.6	17.7	21.0	4.6	1.9	5.0	100.0
	Total	2.6	5.4	43.4	17.7	20.2	4.6	1.7	4.5	100.0

TABLE 20Japan's regional shares of male, female, and total populations (in percent) for 1970 and projected for 2000and 2030.

SOURCE: Appendix D.

(Tables 21-23) the 0-14 age group in Japan is projected to decrease from 24.0 to 20.4 percent, whereas the 65 and over age group will increase from 7.1 to 14.8 percent. The ratio of the dependent population, then, will have increased from 45.1 percent to 54.2 percent.

In all projections, the three most industrialized regions have the lowest percent of dependent population. The 0-14 age group rises from a comparatively low percent of the population in 1970 to a high percent in 2030, whereas that of the oldest age group remains comparatively small in the Kanto, Chubu, and Kinki regions. This is a reflection of the large inflow of the labor force population, high fertility rates, and low mortality rates.

Finally, the mean age of the population is projected to increase from 31.5 in 1970 to 38.1 in 2030 with the Kanto, Kinki, and Chubu regions having the youngest mean ages of 36.9 to 38.7 years.

4 POPULATION POLICY

Although the above multiregional projections show a considerable population increase in the three metropolitan regions of Japan, a more detailed disaggregated analysis using recent data would show a decline in urban concentration. Some migration away from the urban core has occurred because of the reaction of the city's inhabitants to overcrowding, and some has been a direct result of the efforts of national policy makers to alleviate the problems that arise when a population becomes highly concentrated. The Japanese government recognized the importance of population redistribution at a fairly early stage and for many years has taken steps to encourage such deconcentration within the country. Four major regional development planning phases have evolved from these governmental policies since World War II (Fukutake 1965).

The first phase of regional planning (1950–1955) was oriented toward the development of resources and economic growth. Two major policies were initiated in 1950: the General National Land Development Act and the Hokkaido Development Act. The former focused on economic growth such as the development of agriculture, forestry management, and areas having industrial growth potential. The latter aimed at the development of the Hokkaido prefecture and encouraged migration to the island.

The period of 1956–1961 marked the second phase of regional planning in Japan. The predominant aim during these years was the development of lessdeveloped regions. The Tohoku Development Act of 1957, the Kyushu Regional Development Act of 1959, and the Hokkaido Regional Development Act of 1960, for example, were established to bring economic growth and labor force migrants to these less-developed areas. Simultaneously, the National Capital Metropolitan Region Act of 1956 was established for the purpose of providing a more efficient use of land in the Tokyo metropolitan area. The Ten-Year Doubling Plan of 1960, on the other hand, sought to rearrange the spatial distribution of industrial firms to promote increased productivity.

		Number (i	n thousands)	and percent o	f population	in three age gr	oups	Ratio of	
	Total	0–14 year	s	15-64 yea	ars	65+ years		dependent population	Mean
Region	(in thousands)	Number	Percent	Number	Percent	Number	Percent	(in percent)	age
Hokkaido	5 1 84	1 309	25.3	3 576	69.0	299	5.8	45.0	30.5
Tohoku	11 392	2 881	25.3	7655	67.2	857	7.5	48.8	30.0
Kanto	30258	7060	23.3	21 4 5 2	70.9	1 746	5.8	41.0	30.4
Chubu	17401	4160	23.9	11944	68.6	1 297	7.5	45.7	31.9
Kinki	16511	3858	23.4	11 587	70.2	1 066	6.5	42.5	31.3
Chugoku	6997	1 602	22.9	4 747	67.8	648	9.3	47.4	33.7
Shikoku	3 904	900	23.0	2618	67.1	386	9.9	49.1	34.2
Kyushu	13017	3 383	26.0	8 540	65.6	1 094	8.4	52.4	32.3
Total	104 665	25 1 53	24.0	72 1 1 9	68.9	7 393	7.1	45.1	31.5

TABLE 21 Japan's total population, age composition, ratio of dependent population, and mean age of population by region, 1970.

SOURCE: Appendix A.

TABLE 22 Japan's projected total population, age composition, ratio of dependent population, and mean age of population by region, 2000.

		Number (i	n thousands)	and percent o	f population :	in three age gr	oups	Ratio of	
	Total	0–14 year	s	15–64 yea	18	65+ years		dependent population	Mean
Region	(in thousands)	Number	Percent	Number	Percent	Number	Percent	(in percent)	age
Hokkaido	4 395	823	18.7	2 884	65.6	688	15.7	52.4	39.6
Tohoku	8 849	1652	18.7	5 649	63.8	1 548	17.5	56.6	40.9
Kanto	50 364	10 686	21.2	34 750	69.0	4927	9.8	44.9	35.1
Chubu	22759	4 690	20.6	15181	66.7	2 888	12.7	49.9	37.3
Kinki	25 031	5 2 3 3	20.9	17048	68.1	2 749	11.0	46.8	35.9
Chugoku	6 87 9	1 305	19.0	4413	64.2	1 161	16.9	55.9	40.2
Shikoku	2867	522	18.2	1 768	61.7	576	20.1	62.1	42.1
Kyushu	8 299	1 669	20.1	4 997	60.2	1 632	19.7	66.1	40.8
Total	129 441	26 580	20.5	86 691	67.0	16171	12.5	49.3	37.0

SOURCE: Appendix D.

		Number (i	n thousands)	and percent o	f population	in three age gi	oups	Ratio of	
	Total	0–14 year	s	15–64 yea	irs	65+ years		dependent population	Mean
Region	(in thousands)	Number	Percent	Number	Percent	Number	Percent	(in percent)	age
Hokkaido	3 4 2 1	646	18.9	2173	63.5	602	17.6	57.4	40.3
Tohoku	7 273	1 371	18.9	4 596	63.2	1 306	18.0	58.3	41.2
Kanto	58128	12030	20.7	38 409	66.1	7 689	13.2	51.3	36.9
Chubu	23 638	4 789	20.3	15 155	64.1	3 694	15.6	56.0	38.7
Kinki	27 067	5 522	20.4	17 689	65.4	3 857	14.2	53.0	37.6
Chugoku	6109	1 1 7 6	19.3	3 814	62.4	1 1 1 9	18.3	60.2	40.8
Shikoku	2 2 5 4	437	19.4	1 386	61.5	432	19.2	62.7	41.4
Kyushu	6017	1 289	21.4	3 6 3 5	60.4	1 093	18.2	65.5	39.7
Total	133 908	27 260	20.4	86 858	64.9	19 791	14.8	54.2	38.1

TABLE 23 Japan's projected total population, age composition, ratio of dependent population, and mean age of population by region, 2030.

SOURCE: Appendix D.

The third phase took place between 1962 and 1976. This era began with the Comprehensive National Development Plan, which had as its main goal the alleviation of urban overcrowding by reducing interregional economic disparities and encouraging the efficient spatial allocation of capital investments. In 1969 the New Comprehensive National Development Plan was formed, emphasizing the dispersion of industrial development to developing regions.

The most recent planning phase was highlighted by the Third Comprehensive National Development Plan of 1977, which was the first postwar regional development plan for Japan that included the improvement of living environments, and which had the most notable effect on population distribution. It was established with the idea of systematically developing "human habitation zones", which would allow "harmony between people and nature, . . . with a basic understanding that the national land resource is limited" (Land Agency of the Japanese Government 1977, p. 4).

Many important concepts were set forth in the Third Comprehensive National Development Plan (hereafter referred to as the Plan), all of which were based on the prime concern of improving the living conditions of the people. These concepts were carried out by implementing four basic policies, which dealt with manufacturing industries, agriculture and fishery industries, housing, and transport.

The Plan sought to restrain industrial development in the Tokyo and Osaka areas and to promote the establishment of manufacturing industries in the Hokkaido, Tohoku, and Kyushu regions. Special efforts were made to attract industries to local cities in these areas, thus encouraging people, especially those in the younger labor force ages, to remain in these regions rather than move away because of poor employment opportunities, as they had done in the past.

The Plan's second policy was directed at the agriculture and fishery industries. Efforts were made to develop systematically and improve agricultural land and to use this land more efficiently. A regional division was established allocating specific crops to areas where the production of the crop was greatest due to land and climatic conditions. The Plan also promoted the implementation of more efficient utilization of national forests, the development of small-scale agricultural lands, and the development and improvement of coastal fishing grounds, fishing ports, and offshore fishing activities.

Housing was a third concern of the Japanese government. Although housing conditions have improved in the last 20 years, low quality housing conditions and an insufficient supply of dwelling units still are significant problems. The Plan anticipated that by 1985 17 million additional dwelling units would be required and by 1990 this number would rise to 25 million. The basic strategies for improving housing conditions focused on an increase in publicly provided housing for low-income families, financing for houses bought by the middle-income group, and high quality rental homes for transients.

The fourth major policy of the Plan dealt with transportation. In the past, the transportation system centered around the Tokyo area. In order to include

all of Japan, a new, nationwide network of railways and roads was needed. Since 1977, expressways have been constructed throughout the main island and, with the growth of marine transportation, they are now connected with the main seaports of the smaller islands of Japan. It was also planned to have both the Tohoku and Joetsu Shinkansen railway lines completed by 1985, thus facilitating the construction of the 7000 kilometer, high speed Shinkansen network approved by the National Shinkansen Railway Development Act.

With these four major policies, the Plan has been and will continue to be influential in controlling population growth in the urban centers and encouraging people to locate outside of the three major metropolitan areas, thereby improving the quality of the "human habitation zones".

5 CONCLUSION

A government needs a comprehensive demographic analysis in order to adopt informed population policies. As the quality of this analysis improves, so might the quality of the policies and their effectiveness. Until recently, single-region life tables and population projections, which focus on fertility and mortality, have played a principal role in demographic studies. It is now possible to extend these models to include the interactions of many regions and the migration that occurs between them.

Migration has played a leading role in the modernization of postwar Japan. Between 1950 and 1970, people in search of better employment migrated to the areas where new opportunities were available. In just 20 years, the population became highly concentrated in three large metropolitan areas. The old, rural ways were lost, and new standards of education and living conditions were adopted, causing the average age of marriage to rise and fertility to decline. Improved medical facilities also brought a decline in death rates. Because of the rapidity with which this demographic transition took place and because of the isolated nature of the island, Japan is an especially interesting example for demographic studies, particularly for developing countries.

On the other hand, Japan must look at the experience of other developed nations for the consequences that can be expected from the rapid demographic transition that has taken place within the country. As the population ages, a larger proportion of the people become dependent on a decreasing labor force. This labor force is then led to redirect its services from industry to the care of the aged, thus slowing down industrial development. At the same time, the labor force becomes more senior, therefore commanding increased wages, and some of the investment that previously went into raising and educating children is reoriented toward the elderly. The overall result of this aging process may be a dampening of the pace of economic growth.

Throughout Japan's recent history of massive internal migration and rapid economic growth, governmental policies have played a leading role in encouraging development. To continue this important function, advanced methods of demographic analysis as well as the experience of other countries are needed as guidelines in order to devise and implement the most effective demographic policies. It is hoped that the methodology presented in this report will contribute to the creation of such policies for Japan.

REFERENCES

- Berry, B.J.L. (1973) Growth Centers in the American Urban System. 2 volumes. Cambridge, Mass.: Ballinger Publishing Company.
- Bureau of Statistics (1971) 1970 Population Census of Japan. Tokyo: Office of the Prime Minister.
- Bureau of Statistics (1974) 1970 Population Census of Japan. Special volume. Statistical tables on internal migration not reported in the 1970 Population Census report. Tokyo: Office of the Prime Minister.
- Bureau of Statistics (1976) 1950 Population Census of Japan: For Every Five Years from 1950 to 1975. Tokyo: Office of the Prime Minister.
- Bureau of Statistics (1978) Annual Report on the Internal Migration in Japan Derived from the Basic Resident Registers: For Each Year from 1955 to 1977. Tokyo: Office of the Prime Minister.
- Bureau of Statistics (1954–1977) Annual Report on the Internal Migration in Japan Derived from the Basic Resident Registers. Tokyo: Office of the Prime Minister.
- Department of Welfare (1972) Sanitation and Statistics Annual Report, 1970. Okinawa Prefecture: Rynkyu Government.
- Fukutake, N. (1965) Plan and Reality of Regional Development. Tokyo: Tokyo University Press (in Japanese).
- Hall, P., R. Thomas, H. Gracey, and R. Drewett (1973) The Containment of Urban England. 2 volumes. London: George Allen and Unwin.
- Hansen, N.M. (1975) A Critique of Economic Regionalizations of the United States. RR-75-32. Laxenburg, Austria: International Institute for Applied Systems Analysis.
- Kawashima, T. (1982) Recent urban trends in Japan: Analysis of functional urban regions.
 Pages 20-40 in Human Settlement Systems: Spatial Patterns and Trends, edited by
 T. Kawashima and P. Korcelli. Oxford: Pergamon Press, IIASA Proceedings Series.
- Kono, S. (1969) Evaluation of the Japanese Population Register Data on Internal Migration. Pages 2766-2775 in a paper presented to the International Union for the Scientific Study of Population. London.
- Kuroda, T. (1976) Jinko no J, U-turn Gensho ni Okeru Yoin-kozo Bunseki (Factor Analysis of J and U Turn Phenomena of Migration). Tokyo: Social Engineering Institute.
- Kuroda, T. (1977) The Role of Migration and Population Distribution in Japan's Demographic Transition. Papers of the East-West Population Institute, No. 46. Honolulu, Hawaii: East-West Center.
- Kuroda, T. (1980) Jinko ido to U-turn (Internal migration and the U-turn trend). Statistics 31(3).
- Land Agency of the Japanese Government (1977) Summary of the Third Comprehensive National Development Plan. Tokyo: National Land Agency.
- Land Agency of the Japanese Government (1979) SANZENSO The Third Comprehensive National Development Plan. Tokyo: National Land Agency.
- Ledent, J. (1980) Multistate life tables: Movement versus transition perspectives. Environment and Planning A. 12(5):533-562.

- Long, L.H. and C.G. Boertlein (1976) The Geographical Mobility of Americans: An International Comparison. US Bureau of the Census Special Studies Series 64:26. Washington, D.C.: US Department of Commerce.
- Ministry of Health and Welfare (1970) Vital Statistics, Japan: For Each Year from 1950 to 1975. Tokyo: Health and Welfare Statistical Division of the Minister's Secretariat.
- Ministry of Health and Welfare (1976) Vital Statistics, Japan: For Each Year from 1950 to 1975. Tokyo: Health and Welfare Statistical Division of the Minister's Secretariat.
- Nishikawa, S. (1973) Gyakuryu Suru Jinko Ido (Returning Migrants). Tokyo: Nihon Keizai Shimbun.
- Nishikawa, S. (1975) Keizai Bunseki to Keizai Seisaku, Nana Chiikikan no Rodo Ido Showa 35–45 Nen (Economic Analysis and Economic Policy – Labor Migration in Seven Regions (1960–1970)). Tokyo: Nihon Keizai Shimbun.
- Okita, S., T. Kuroda, M. Yasukawa, Y. Okazaki, and K. Iio (1979) Population and development: The Japanese experience. Pages 296-338 in World Population and Development: Challenges and Prospects, edited by P.M. Hauser. Syracuse, N.Y.: Syracuse University Press.
- Rees, P.H. (1979) Migration and Settlement: 1. United Kingdom. RR-79-3. Laxenburg, Austria: International Institute for Applied Systems Analysis.
- Rogers, A. (1968) Matrix Analysis of Inter-regional Population Growth and Distributions. Berkeley, Calif.: University of California Press.
- Rogers, A. (1975) Introduction to Multiregional Mathematical Demography. New York: Wiley.
- Sakashita, N. (1978) Toshi Jinko no Suchu to Bunsan (Yasashii Keizaigaku) (Concentration and Dispersion of Urban Population (General Economics)). Tokyo: Nihon Keizai Shimbun.
- Uchino, S. (1976) Jinko ido no nijukozo undo no kasetsu:Nihon retto ni okeru jinko ido no tenkan (Two major migration streams in Japan). Journal of Population Problems 139:20-32.
- Uchino, S. (1979) Sandai toshiken no jinko wa do henka shitekitaka? (How have the populations in the three large metropolitan areas changed?) Transportation and Economy 39(2):25-32.
- Willekens, F., and A. Rogers (1978) Spatial Population Analysis: Methods and Computer Programs. RR-78-18. Laxenburg, Austria: International Institute for Applied Systems Analysis.

FURTHER READING

- Keyfitz, N. (1980) Multistate demography and its data: A comment. Environment and Planning A 12(5):615-622.
- Kobayashi, K. and M. Yamamoto (1973) Recent trends of the marital fertility in Japan. Journal of Population Problems 128:31-42.
- Kuroda, T. (1978) A New Development in Migratory Movement in Japan. Bulletin of the Economic Science Research Institute, College of Economics. Tokyo: Nihon University.
- Kuroda, T. (1979) Transitional Structure of Japanese Population. Tokyo: Kokon Shoin. Kuroda, T., Y. Okazaki, Z. Nanjo, K. Suzuki, and T. Otsuka (1980) A. Rogers's model and its application to Japanese population (1979 Conference Report). Journal of the Japan Statistical Society 1(10):73-83.

- Muramatsu, M. and T. Kuroda (1974) Japan. Pages 704-730 in Population Policy in Developed Countries, edited by B. Berelson. New York: McGraw-Hill.
- Nanjo, Z. and T. Shigematsu (1976) Working-life tables for males by prefecture in Japan for 1965 and 1970 – with special reference to working-life expectancy and level of health. Journal of the Research Institute of Life Insurance Welfare (34):61–150.
- Okazaki, Y. (1977) Recent regional migration in Japan. Journal of Population Problems (143):1-14.
- Okazaki, Y. (1977) Occupational characteristics of in- and out-migrants of Tokyo. Annual Report of the Institute of Population Problems (22):8-12.
- Rogers, A. (1971) Matrix Methods in Urban and Regional Analysis. San Francisco, Calif.: Holden-Day.
- Rogers, A. (1976) Shrinking large-scale population-projection models by aggregation and decomposition. Environment and Planning A 8:515-541.
- Rogers, A. (1978) The Formal Demography of Migration and Redistribution: Measurement and Dynamics. RM-78-15. Laxenburg, Austria: International Institute for Applied Systems Analysis.
- Rogers, A. (1980) Introduction to multistate mathematical demography. Environment and Planning A 12(5):489-498.
- Rogers, A., R. Raquillet, and L. Castro (1977) Model Migration Schedules and Their Application. RM-77-57. Laxenburg, Austria: International Institute for Applied Systems Analysis.
- Shigematsu, T., N. Yoshida, and Z. Nanjo (1974) Geographic variations in reproduction rates of population in Japan, 1970. Medical Bulletin of Fukuoka University 1(4): 233-240.
- Shigematsu, T., Z. Nanjo, N. Yoshida, and H. Mizushima (1975) Prefecture life table for 1969-71 in Japan. Journal of the Research Institute of Life Insurance Welfare (30): 109-182.
- Suzuki, K. (1980) Space Demography. Tokyo: Taimeido.
- Suzuki, K. (1980) Reproduction of the distribution of urban population by models obtained from the relationship between density and increase rate of population. Annals Applied Information Sciences 6(1):17-40.
- Willekens, F. (1977) Sensitivity analysis in multiregional demographic models. Environment and Planning A 9:653-674.
- Yamaguchi, K. (1969) Regional correlation between household size and some demographic factors. Journal of Population Problems 111:21-47.
- Yamaguchi, K. and T. Itoh (1977) Recent trends in regional distribution of demographic reproductivity by prefecture. Journal of Population Problems 144:30-60.

APPENDIXES

Appendix A

OBSERVED POPULATION AND NUMBERS OF BIRTHS, DEATHS, AND MIGRANTS DISAGGREGATED BY AGE AND REGION FOR THE TOTAL, MALE, AND FEMALE POPULATIONS: 1970

APPENDIX A

Observed population characteristics: total population.

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APPENDIX A Continued.

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9	Ì	1629.	1016.		469.	3872.	2914 .		1607	881.	1520.
45		69.	3349.		298.	224.5.	1602.		843.	464	885.
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5			6690.		96	900.	845.		603.	.125	529.
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2	CHUBU	1050.	740.	415.	5235.	4530.	24.50.	1155.	868.	616.	465.	.121	219.	177.	114.	67.	50.	15.	10.	18467.
CHUGUKU	KANIC	2595.	1895.	1115.	13275.	13625.	5775.	306u.	2064.	1278.	810.	571.	4.51.	378.	290.	173.	106.	53.	36.	47530.
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	KTUSHU	305. 210.	930.	1020. 610.	380.	225.		102	1	79.	67.	•0•	50°	2. «	•	4517.			KYUSHU	°.	•		•	. .		5			.	•					5	Ċ.
	SHIKOKU		5-0			•				.0	••	••	••	•••	•	•			SHIKOKU	545.	430.	265.	645.	1180.				212.	163.	114.			. 55.			5959.
	CHUGOKU	990. 735. 540-	5190.	1825.	1075.	925.	070	244	161.	119.	102.	•29		18.	2	14233.			CHUGOKU	3020.	2325.	1555.	7925.			26865	1878.	1235.	865.	626.			118.	57.	11.	40365.
	KINKI	2205.	22185.	6720.	3210.	2753.	, 50 S	1189	1115.	877.	512.	262.	139.	.02		66211.			KINKI	6605.	6235.	5065.	49085	39745	.00001	8121	6303.	4912.	3655.	2674.	1875.		285.	154.	113.	162645.
	10 Сниви	505. 440.	4615.	2820.	820.	249.	586.	• • •	215.	163.	95.	58.	D	2:	÷	13526.		10	Сниви	3520.	3555.	3280.	33285.	17565.		1020	1474.	2769.	2040.	1477.	1005.				45.	91197.
	SHIKOKU TO Kanio	730. 580.	8785.	2640	975	917.	020	10.	238.	187.	118.	73.	- 20 - F	21.		24911.		KTUSHU TO	KANTO	6005.	4810.	3945.	49205	12105	.00001		. 7 2 5	3348.	2458.	1933.	1467.	. 200	282	153.	114.	152813.
	MIGRATION FROM	20. 20.	105.	110.	•0•	54.		20.		;			÷	••	5	161		MIGRATION FROM	1040KU	320.	285.	160.	280.	0,48		284	223.	72.	58.	95			:=	-	-	3416.
	MIGRAI Hokkaido	55. 70.	210.	;;	.52	60.		12.	0	.0	•				:	846.		MIGRAT	HOKKAIDO	480.	415.	235.	645.	.066			268.	114.					~	-	3.	. 619.
	DEATHS	1184.	305.	399.	4 65.	730.	705.	1351	1942	2846.	4104.	5272.	5233.	5028.		35944.		DEATHS		4292.	559.	. 6 . 4	666	1301.	.0631	22.55	2975.	3489.	4 5 6 8 .	6517.	8132.	15002	15279.	12326.	11017.	104184.
0 K U	BIRTHS	.	823.	27886.	9504	2256.			-	••	•	•	.		•	61080.	SHU 	BIRTHS		0.	•	~	. 2002	58554	70716.	12302	1852.	104		••	•••				.	216570.
REGION SHIKOKU	AGE POPULATION	279937. 294755 324916.	323685	270211.	269490.	305174	, () () () ()	205694 .	193776.	171524.	144961.	113864.	68226.	.20242		3904014.	REGION KYUSHU	AGE POPULATION		1039502.	1099813.	1243708.	1221820.	1064575.	011041	991188	940112	784889.	647288.	589905.	51448Y.	121260	199812.	101461.	50835.	15017290.
321	AGE	0*0	:28	3 2	20	23	7	33	\$	99	\$9 9	2;	23		3	TOTAL	21	AGE		0	~	2	21		32	3	07	45	2:	23		62	22	90	85	TOTAL

S APPENDIX A Continued.

TOTAL 5490068.

93873. 47414. 17868.

Observed population characteristics: males.

RE	GION HOKKA	100									
AGE	POPULATION	BIRTHS	DEATHS	MIGRAT							
				HOKKAIDO	тоноки	KANTO	CHUBU	KINKI	CHUGOKU	SHIKOKU	KYUSHU
0	224166.	ο.	979.		520.	2260.	700.	390.	110.	50.	330.
5	222706.	Ο.	132,	υ.	530.	2345.	820.	330.	70.	50.	425.
10	221689.	Ó.	96.		440.	1760.	635.	205.	60.	45.	210.
15	250272.	875.	263.	Ο.	1265.	14440.	2430.	1135.	105.	15.	135.
20	238736.	14741.	365.	U.	1545	14385.	2325.	1570.	305.	110.	460.
25	204712.	22582.	321.	υ.	825.	5250.	1310.	785.	185.	105.	405.
30	206700.	7561.	396.	ο.	605	3435.	850.	505.	105.	65.	465.
35	214338.	1466.	566.	Ο.	601.	2928.	945.	355.	77.	54.	435.
40	190592	196.	723. 770.	U.	429.	2102.	690.	246. 163. 117.	58.	31.	270.
45	141796.	15.	770.	ο.	233.	1368.	690. 377.	163.	56.	6.	82.
50	114136.	υ.	912.	υ.	152.	912.	243.	117.	39.	4.	43.
55	101054.	U. 0.	912. 1406.	0. 0.	131.	912. 570.	243. 162.	94.	12.	3.	23.
60	83161.	ō.	1838.	Ŭ.	89.	410.	113.	61.	8.	3.	17.
65	62533.	0.	2334.	ñ	51	410. 275.	113.	21	2.	A.	12.
70	40657.	n.	2484.	ŭ	30	156.	41.	14		5.	7.
75	21861	0. 0. 0. 0.	2092.	<u>.</u> .	89. 51. 30. 18.	156. 90.	25.			4. 3. 3. 8. 5.	7.
80	0733	Ű.	1486.	Ŭ.	18.	52	14.		o.	1.	1.
85	9733. 3964.	ō.	950.	ŏ.	9.	ŚĎ.	41. 25. 14. 12.	61. 21. 14. 9. 4. 3,	8. 2. 1. 1. 0.	i.	i.
OTAL		-		0.					1194.		3327.
		10KU									
AGE	POPULATION	BIRTHS	DEATHS		ION FROM						
				HOKKAIDO	тоноки	KANTO	CHUBU	KINKI	CHUGOKU	SHIKOKU	KYUSHU
0	445535.	Ο.	2088.		υ.		955.	255.	140. 100.	70.	240.
5	481355.	ο.	258.		υ.		675.	180.	100.	35.	150.
10	543510.	ō.	212.		υ.	2080.	440.	100.	60.	45.	90.
15	542766,	1248.	658.		υ.	52440.	4835.	1355.	115.	25.	100.
20	441888.	28677.	706.		υ.	35945.	4105.	1840.	330.	80.	215.
25	375202.	42939.	629.		υ.	12525.	2100.	895.	215.	95.	275.
30	398426.	16795.	779.	1900.	υ.	8100.	1675.	55U,	215. 185.	70.	250.
35	438032.	3742.	1229.	1890.	Ο.	7047.	1549.	421.	98. 73. 29. 22.	48.	174.
40			1579.	1535.	ο.	5448.	1222.	311.	73.	34.	127.
45	322346.	28.	1815.	1035.	υ.	4121.			29.	12.	43.
50	260763.	2.	2210.	785.	Ű.	3258.	656.	228. 173.	22.	10.	28.
55	240445.	0	3397.	705.	Ű.	2971.	636.	154.	20.	6.	28.
60	208267.	0	SOOS		υ.	2001.	636.	154.	16-	5.	27.
65	164162.	28. 2. 0. 0.	6910.	181	Ū.	925	137.	57	 A .	70. 48. 34. 12. 10. 5. 8,	8.
70	107734	ō.	7242.		ŏ.	317-	81	34	4	4.	4.
75	60217.	ō.	6409.	23	Ŭ.	142	52	21		2.	4.
80	25655.	ō.	4200		Ū.	65.	137, 81, 52, 24,	10.	0.	ú.	ö.
85	8514.	0. 0. 8. 0.	2088.	7.	Ŭ.	37.	16.	8.	8. 4. 0. 0.	ů.	ŏ.
		••		••	· · ·			J.	J.	v .	υ.

0, 144467. 20458.

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1419.

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1763.

	ктизни	2305.	630.	1170.	5325.	2476	1660.	1010	611.	385.	208.	155.	134.	81.	51.	23.	13.	22131.			KYUSHU	1070.	625.	. nn .				669.	404	181.	128.	123.	110.			j		. 6676
	SHIKOKU	340.	140.	270.	1335.			285	158.	106		÷1.	31.	18.	13.		-	5509.			SHIKOKU	235.	225.	105.	••••		200	227.	159.	76.	.1.	26.		<u>.</u>		:-		2712.
	CHUGOKU	1325.	480.	715.	3885.	1800	10401		100	254	119.	81.	20.	36.	25.			14697.			CHUGOKU	555.	375.	180.		10/2.	.045	,55,	287.	111.	72.	55.		. 02 15			~	6084.
	KINKI	3440.	1150.	2725.	10940.	4770	181	1917	1105.	673.	418.	259.	127.	63.	35.	15.	0	,15513			KINKI	2435.	1780.	.044	.00401			2409	1529.	917.	625.	484		119.		. 27	51.	44617.
	TO CHUBU	4815. 3215.	1640.	4875.	15160.			2520	1400.	858.	599.	457.	310.	171.	101.	47.	33,	58412.		10	CHUBU	•	••		•••			:-		•	•	••						•
	KANTO TO KANTO	•••	•	•	••	5		i			•	•		•	•	•				CHUBI TO	KANTO	4230.	3095.	1840.	22890.	.07702		3952.	2505.	1534.	1004.	663.			1 2 0	62.	45 .	88395.
	MIGRATION FROM AIDO TOHOKU	4015.	835.	4340.	12020.	51.44	5718	2077	1965	2120.	1060.	571.	212.	125.	8U.	34.	27.	57811.		MIGRATION FROM	TOHOKU	685.	350.		1100.		1065	1161.	467.	640.	460.	343.	. 157				•	11166.
	MIGRAI HOKKAIDO	1075. 590.	410.	1750.		1511	1005.	590.	332.	186.	112.	. 7.2	÷1.	25.	16.	ж. 2		15351.		MIGRAT	HOKKAIDO	275.	160.		890°	.0021		218.	132.	11.	53.					<u>,</u>		4157.
	DEATHS	5751. 635.	410.	1592.	2005.	2005	2725.	3320.	3293.	4378.	6802.	9642	12747.	15999.	12165.	6137.	4161.	95675.		DEATHS		3219.	410.	276.	808.		1114	1541.	1888.	1865.	2561.	4212.	.8720	1.000		6855.	4176.	65630 .
KANTO	HIRTHS	•••	3.	2998.	12267	69280.	15500.	1756.	92	<u>،</u>		- -			•			323025.	сниви	HIRTHS			•	.	1422.		75022	5545.	639.	27.	<u>۲</u> .		5					109239.
REGION KA	AGE POPULATION	1413367. 1184185.	1015878.	1346520.	1926490.	1191410.	1253124	1054421	732524.	544685.	544575.	447044.	346135.	226448.	121004.	53509.	17944.	15268016.	REGION CHUBU	AGE POPULATION		759182.	706815.	662328.		212428	20000	681262.	623778.	446657.	363731.	351015.	307536.	140471	0.475	45328.	16636.	8498630.
A F	AGE	0~	2	5:	3×	2	57	17	\$ 2	50	55	60	۵5 ۵	2	2	80	ê S	TOTAL	RE	AGF		0	ŝ	2:	2		39	35	10	45	50	ŝ	0,0	62	2 2	, ja	ŝ	TOTAL

APPENDIX A Continued.

		KYUSHU	2470.	1200.					1440	28.2	. 1	351.	265.	194	123.	74.	46.	21.	16.	20378.			A LUANU	815.			2012.	.0702		713.	492.	284.	200.	164.				-		11456.
		SHIKOKU	1140.	• nc.	515	800.		1285	578		- 544	180.	201.	156.	69.		27.	14.	=	11363.		11 A A A A A	NAUAUN	545.		· · · · · · · · · · · · · · · · · · ·	840.		• 1 2 0	462.	277.	85.	61.	.65			::	-	;	5766.
		CHUGOKU	2385.	1340	635.	1920.			2400°		107			234.	110.		. 65	19.	13.	23094.		נאופטאזו	LUUGUKU						50				•			50		id d		•
		KINKI	••													.0				.0		1 1 1 1 1	14214	1595.	1295.		14010.	. 10111		1851	1254.	824.	618.	547.		110.		34		39953.
		ТО СНИВИ	3480.	2230.	1120.	.0444				1827		672.	451.	342.	255.	150.	93.	47.		41940.		10 7 411 11	10000	605.		• • • • •	3565	.0102		524.5	379.	268.	192.	133.			25.	~		11084.
		KINKI TO Kanto	4450.	0407	1002.	1360.					1177.	829.	476.	302	190.	. 76	50.	23.	16.	57917.		CHUGOKU TO		1290.	980.		9450.	.0770.	1205	1270.	797.	483.	295.	156.		.00.				29162.
		MIGRATION FROM AIDO TOHOKU	330.	, 10.								172.			. 0		х х	-	-	. 7274		MIGRATION FROM		110.			, 22 .			139.	118.	57.	39.	.2.	•	•	~		;	1587.
		M168AT H0kka1d0	195.									. 5 .	20.	15.	12.			~		2620.		MIGRAT	DALAIDU	25.	2		.nc7			25	28.	.	~	•	• •		~		•	911.
		DEATHS	2891.	.102		.020				1360	1846.	2339.	3936.	5505.	7595.	8262.	6994	4741	2764.	54891.		DEATHS		1210.					.01.	720-	920.	1030.	1266.	2046.	. 1014	19502	4639	3505.		31476.
Continued	K I NK I	BIRTHS	.	.,	•		00000			AAD.		~						0		175045.		BIRTHS		5.	.			10330.	9115	2048.	230.	17.		.	•		1		;	60264.
APPENDIX A		AGE POPULATION	773104	- 2014CO	2+8UU3.	.070500	- of (o 4			567403	107673	314261.	311446.	270055	210538.	140478.	73650.	31366.	11115.	8179464.		AGE POPULATION		27446U.	202848.	278310.	270354	2022202	244207	269312	256457.	199379.	163095.	156980.	120202	87377	50185.	24803.		3303931.
AFFED	REGION	AGE PO	••	n ;	2:	27	3 2	35	25	5	1	205	::	60	\$9	02	2	80	85	TOTAL		AGE PC		••	n (2:		200	35	22	9	45	š	5	2	62	22	90	1	TOTAL

I SHIKOKU KYUSHU	•••••		0. 2690. 1 Shikoku Kyushu	
CHUGOKU	570. 370. 2090.		8292. Chugoku	1550 11550 11550 11550 12020 12000 1000 10000 10000 10000 10000 1000000
KINKI	1150. 925. 630. 12065.	1170 11758 1	35006. KINKI	3395 25010 25010 25010 20385 20385 20385 20385 20385 20147 20445 21475 2
ТО Сниви	265. 230. 140. 2800.	2222 2222 2222 2222 2222 2222 2222 2222 2222	8279. To Chubu	11685 16695 16695 16695 16695 16695 1665 166
SHIKOKU TO Kanto	350. 320. 220. 5700.		14810. Kyushu to Kanto	3130. 25885. 25885. 25885. 258855. 258855. 258855. 258855. 258855. 2702. 1002. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1003. 1004.
MIGRATION FROM AIDO TOHOKU	20. 12. 12.	SSS SS	607. 468. Migration from Aido tohoku	222 222 222 222 222 222 222 222 222 22
MIGRAT Hokkaido	15. 50. 190.		607. Migrat Mokkaido	27552225 27652225 27652225 2765225 2765225 2765225 2765225 2765225 2765225 2765225 2765225 2765225 2765225 2765225 276555 276555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 2775555 27755555 27755555 27755555 27755555555
DEATHS	672. 95. 88. 227.	281 281 281 281 281 285 205 205 205 205 205 205 205 205 205 20	19577. DEATHS	2504 354 354 2522 2522 2522 2522 2522 2545 2545
 BIRTHS	0, 4 0, 4 0, 4 10, 0		31442. Shu Births	00 2289824 289824 289824 289824 289824 289824 289824 289824 289824 29992 2000 2000 2000 2000 2000 2000 2
E POPULATION	143536. 120137. 165242. 158030.	1424455 1424465 1424465 1424465 1424465 1424465 1424465 142446 14266 142666 142666 142666 142666 142666 142666 142666 1426666 1426666 1426666 142666666 1426666666666	TAL 1850496. 3 Region Kyushu 	531565 531565 531565 61210 61200 61000 61000 610000000000
AGE	a~5555	88 33 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	101AL RE(AGE F	av 5 5 5 5 5 8 4 4 4 4 5 5 5 5 5 5 5 5 5 5

APPENDIX A Continued.

Observed population characteristics: females.

									001	ELON HOKKA	38
K 1 N 2 H N	2418080	0,409040	KINKI	01 04040	НОККАТВО 1 ИОККАТВО	1040KU 104 FROM	MIGRAT MUKKAIDO	0EV1H2	SHTATU	POPULATION	39V
	-			-			-	2 m y	U	007716	U
1055	105	• 59	1525	•029	10552	*0LS	•0	.189	•0	007717	ò
515	•09 •09	-55	1075	120.	1820	*575	•0	·ii	•0	.815215 212808.	01 5
102 500	* 5 7	• 5 7	*S8L	\$69	.0181	• 565 • 595	*n *0	*801 *25	4918 41	549140	51
091	*0S	. 50	°\$02	\$151	10612	.085	0	*00z		969522	50
585	06	571	°065 °078	*01SL	*5677 *5822	1062	:0	.881	*\$8012 *05851	227827	52
525	• 5 5	*SOL		\$96				\$50*		515993	30
092	07	• 99	182°,	*\$99	*2812 *\$722	•915 •515	-a •a	* * 9 2	*2271 1502	500210	SS
551	. 62	67	* 761	* 287	*2251 *2812	1675	:0 :0	382	261	1814281	07
29	6	155	121	* L92 * 287	286	.581	:0	875	**1	192721	57
95	.,	53	69	621	1502	113.	:0	189	1	126921	05
92	• 9	• > L	152	124	1075	**2	:0	\$\$8	•0	129501	\$5
72	15	<u>'u</u>	25	171	1057	29	:0	1001	0	82180	09
12	.9	• 9	125	89	275	.58	:0	*817L	.0	82679	59
21	• •	• •	. 24	185	200	*0s	0	1824	•0	05257	02
6	<u>,</u> t	15	91	72	112	30	0	2061	•0	. 92225	52
٤	1	11	. 6	111	• 29	.81	<u>0</u>	*069L	0	18291	08
2 F	1 L	<u></u> 1	.01	6	109	11	<u>to</u>	*995L	<u>0</u>	19292	58
2725	.182	•972	1927	*\$2211	122504	*2875	•0	.78721	*01777	1871205	141
									 0x0	H01 N019	38
KYUSH	SHIKOKU	CHDGOKU	KINKI	сниви 10	K ¥ M 10 1040kn	1040KU 104 FROM	HOKKAIDO Migrati	SH1430	241918	POPULATION	39V
	U ·					•			0	~~~~	5
061	•05	.08	. \$92	* SR2	• \$225	٠ŏ	• \$95	1551	•ő	1022527	ò
551		• \$2	· \$12	1019	*0682	•õ	1075	-521	·õ	*725097	Š
ŝi	155	-02	•\$2	057	\$090°	•0	-521	1251	.?"	107015	oi.
55	•01	•\$2	1556	0758	105527	•ŏ	·0221	•992	12511	969655	ŝĩ
022	.01	1071	10201	- 5655	.02122	•0	0981	-675	******	006167	02
092	·\$2	'09L	1052	\$221	*01811	•0	• \$98	317	92865	205105	52
021	* 27 * 52	•551	\$05	\$68	\$884	•0	.567	*\$27	*922SL	*628877	51
261		-22	*88L	•269	10515	•0	.125	1120	1955	251597	55
87 58	·11	•25	1011	- 96 7	12912	•0	.915	.828	*177	198777	07
87	· 2	• 21	1271		\$502	•0	*292	*#SL1	**1	\$05211 67716E	57
57			122.	- 692	1011	•0	.805	****	••	\$120282 2122024	òŝ
21	:?	*1 *1	. 78	•252	1201	•0	-251	*971Z	•0	538492	55
01 51	.5	• •	• 69	•20Z	*001 *0011	•0	1511	1077	•0	955561	59 09
s	<u>'</u>	:;	· 22 ·	• RZ	895	•0	*0* *62	*2025 *1077	•0 •0	128988	02
s	1		18L	: : : : :	202	.0	12	\$623	10	101568	S2
0	* 0	<u>.</u>	* F		.501	10	101	15165	* 0	\$8697	08
							4 - 4				

*26881 *\$\$1711 *0

.9517

196865

*68228

101AL 5902111.

*8971

1725

*598

* 7277

	REGION KI	KANTO									
AGE	POPULATION	BIRTHS	DEATHS	MIGRAHOKKAIDU	MIGRATION FROM AIDU TOHOKU	KANTO Kanto	ТО Сниви	КІАКІ	CHUGOKU	SHIKOKU	KYUSHU
94	1344563.	ċ	405.	965.	3575.	••	4835.	3230.	1430.	530.	1945.
9	-	:-	223.	385.	. 895.	:-	1645.	1100.	465.	155.	615
15	-	2836.	512.	465.	2080.		2185.	1235.	330.	150.	1380.
2	-	65997.	973.	1845.	7805.	•	8225.	5040.	1535.	1030.	0201
2:		151920.	1167.	1670.	. 5825	•	8130.	5715.	2022	.06.	3380.
	1310/48.	64493	1247.		5675.	••	4680.	539U.	. (771	52U.	
1	-	.27041			1000	••	2007.			• • • •	
			• C D O O		707.	•		1 2 U 0 .			
;;		5									242
									131.	.0,	248
			5777.		321	5	511.	291.	123	38	245
59			8125.	130.	299.		498.	316.	96.	56.	231.
2	279452.	.0	10391.	78.	182.	.0	296.	193.	56.	33.	134.
22	-	•	11658.	, H ,	112.	•	181.	118.	35.	21.	86.
80	-		10966.	27.	56.	•	97.	. 99	:-:	•	3
58	44193.	•	9488.	17.	41.	-	90	42.	13.	, ,	30.
TOTAL	14989908.	301676.	78703.	8723.	30675.	•	40769.	27603.	9806.	4133,	17949.
ar I	REGION CI	CHUBU									
465	AGE POPULATION	HIPINS	OF ATHS	MIGPA	MIGRATION FROM	CHIMIN TO	5				
				HOKKAIDO	ТОНОКИ	KAN TO	СНИВИ	KINKI	CHUGOKU	SHIKOKU	KYUSHU
0		.0	2304.	320.	455.	4020.	.0	2460.	490.	255.	1070.
ŝ			239.	-	475.	2890.	•	1805.	360.	140.	535.
2	-	•	167.		295.	1690.		960.	160.	85.	345.
5		1336.	358.	230.	620.	14425.	•	7155.	395.	175.	1115.
2		46942.	616.	200.	1535.	16270.	•	11325.	1120.	505	2955.
2		79349.	607.	370.	975.	9970.	•	5545.	875.	360.	1425.
1		.15052		·			.	2/80.			
		.0105		. 201							
	2013/46.							• 0 9 4	- 96-		
;;		-	0171	17							Ċ
23		:-	3014			814.		508.	61. 1		
9			4151.	38.	72.	736.		101	59.	25.	9
65		•	5761.	.0.	50.	619.	0	365	40.	18.	66.
2	0 201593.	•	7600.	24.	29.	352.		211.	26.	=	°,
21		•	8808.		22.	208.	•	125.	20.	•	ຊີ
		•	8775		<u>,</u>	109.	5	• <u></u> ;•		~	.
28	3//18.	•	8141.	• •		.67		. 6 .	;	••	
TOTAL	8902495.	158358.	57048.	2311.	. 1900	63562.	.,	37611.	4633.	2193.	9553.

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Continued.	
APPENDIX A	

	KYUSHU	2410.	1255.	• 2 S O	1440.	4330.	3400.	1765.	1069.	633.	354.	262.	264	250			2.	42.	28.	18587.		KYUSHU	175.	2005	365.	1045	1770.	1240.			360.	1 A H	110	139.	130.	118.	67.	43.	19.	15.	5178	
	SHIKOKU	1080.	750.	340.	590.	2820.	1660.	940.	590.	375.	249.	173.	122.					28.	18.	10112.		SHIKOKU	\$ 50.	140	185.		885.	, 50 Y	7 4 0		195.	AA			56.	39.	22.	15.	••	;	7057	
	CHUGOKU	2140.	1290.	.040		4930.	3460.	1770.	1052.	608.	350.	265.	264.	022				28.	20.	18395.		CHUGOKU	.0							i a								5	•		Ċ	;
	KINKI	•						•	•									•	•	•		K I NK I	1360.	1100	855	12140	11575.	5707	1745	1276.	320.	669		489.		351.	212.	130.	17.	53.	10001	•••••
	10 CHUBU	3240.	1974.	1065.	2140.	5955.	5255.	2985.	1916.	1107.	547.	589	101					°0,	÷3.	28076.		TO CHUBU	425.		190	001	1726	1100		772		197			.22	58.	34.	25.	0	· ·	7147	
	K INKI Kanto	4365.	2855.	1455.	2815.	6955.	7760.	4420.	2529.	1502.	866.	575.	727				.261	. 98	. 10	37852.		 CHUGOKU TO KANTO	1305.	015		NA 2 C M 2	4655	2895		702	. 81	127	276.	275.	259.	202.	121.	72.	39.	27.	12348	
	MIGRATION FROM AIDO TOHOKU	295.	140.	85.	.0.	100.4	450.	250.	163.	117.	39.	28.	101			::		-	-	2158.		 AIDO TONOKU	115.			2	105.				. 59	26.	2	16.	15.		.,			•	187	
	MIGRAT HOKKAIDO	245.	200.	, i i		375.	295.	190.	121.	69.	32.	18.	~				2	~	.	1720.		 16441 HOKKA100	30.2		3		100.			1	19.							~	-	-	147	
	DEATHS	2192.	195.	118.	608	610.	729.	708.	952.	1156.	1503.	1863.	27.4			.0200	0130.	6403.	608S.	47039.		DEATHS	829.		. 73	114	221.	272	142	107	546.	644	9776	1307.	1810.	2520.	3514.	4105.	4169.	4007.	20440	
K18K1	HATHS	•		• •	1476.	42377.	42396.	29005.	6616.	769.	35.	~~~			•		-		•	162676.	OKU	CH1X19	0.			544.5	17126.	27775	8500	1854.	260.	11.	:				•	•	•		1003	
REGION KINK	AGE POPULATION	733475.	626033.	. 421824		924577.	819197.	701981.	646834.	551587.	470050	395083.	347417.	104411			. CA3501	\$5751.	28311.	8331927.	REGION CHUGOKU	AGE PUPULATIUN	260785.	254318	268608.	701776	128583	27779	258067	121971	266501.	240110.	201962.	186099	157881	130231.	103449.	65725.	39060.	22075.	1411010	
ŭ i K	AGE	0	^	2:	2	20	52	20	35	9	4 S	50	55	, uv	5.	2;	c	80	85	TOTAL	u i a i	AGE	0		, 1	:2	22	::	5		70	72	50	3	09	¢5	70	22	80	85	TOTAL	1

POPLIATION MIRTIS MIGATIS MIGATIS MIGATION SHITOKU CHURU CHURU </th <th></th>												
110401 0 372 200 <th>AGE 4</th> <th>POPULATION</th> <th>UIRTHS</th> <th>DEATHS</th> <th>MIGRA HOKKAIDU</th> <th>TION FROM TOHORU</th> <th>SHIKOKU Kantu</th> <th>ТО Сниви</th> <th>KINKI</th> <th>CHUGOKU</th> <th>SHIKOKU</th> <th>KYUSHU</th>	AGE 4	POPULATION	UIRTHS	DEATHS	MIGRA HOKKAIDU	TION FROM TOHORU	SHIKOKU Kantu	ТО Сниви	KINKI	CHUGOKU	SHIKOKU	KYUSHU
Filter Filter<	° ~;	136401. 144618.		512. 58.	909	22. 22.	380. 260.	240.	1055.	420. 365.		160.
140327 144 00 70 3000 1000 1430 00	22	165655.	393.	78.	2 2	įš	3085.	1415.	10120.	1100.	:.	165.
11(7)7.1 1139 524 143 50 57 120 575 540 64	22	180527.	9859.	148.	•09 90	20.	3060.	1050.	9510.	1430.	•	, 20.
15771 111 233 112 117 240 125 100 </td <td>02</td> <td>146734</td> <td>12280.</td> <td>145.</td> <td></td> <td></td> <td>1295.</td> <td>62U.</td> <td>1345</td> <td>800. 435.4</td> <td></td> <td>, 10.</td>	02	146734	12280.	145.			1295.	62U.	1345	800. 435.4		, 10.
150000 153<	22	157334	1119.	254.			361.	249	905	360.		
139197 0 110 116 559 0 115 0 1159197 0 730 0 130 272 115 0 1159197 0 730 0 131 272 15 0 75169 0 730 0 131 2 100 175 0 75169 0 730 0 130 2 0 130 0 130 0 130 0 130 0 130 0 130 0 130 0 130 0 130 0 130 0 140 0 0 130 0 130 0 140 0 0 140 0 0 140 0 0 140 0 0 140 0 0 140 0 0 140 0 0 140 0 0 140 0 0 140 0 0 <t< td=""><td>9</td><td>156946.</td><td>193.</td><td>367.</td><td>12</td><td>16.</td><td>255.</td><td>175.</td><td>681.</td><td>225.</td><td></td><td>63.</td></t<>	9	156946.	193.	367.	12	16.	255.	175.	681.	225.		63.
115680 0 572 2 9 140 91 472 82 0 92173 0 1116 0 110 97 450 01 0 110 97 450 01 0 110 97 450 01 0 110 97 450 01 0 110 97 450 01 0 110 97 450 01 0 110 97 450 01 0 10 0 110 97 450 0 10 0 10 0 110 97 450 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 10 10 10 10 10 10 10 10 10 <td>45</td> <td>134197.</td> <td>•</td> <td>410.</td> <td></td> <td>.</td> <td>190.</td> <td>116.</td> <td>549.</td> <td>115.</td> <td>•</td> <td>63.</td>	45	134197.	•	410.		.	190.	116.	549.	115.	•	63.
107389 0 780 0 780 0	20	115680.	•	572.	~	•	140.	91.	472.	82.	•	55.
76703 0 1118 0 110 27 45 0 13 13 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 14 14 14 14 14 14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	55	107589.	••	780.	•	•	135.	62.	507.	67.	•	5.
(778) (778) (778) (778) (71) (71)	9	92173.	.	1118.	•		110.	52.	4 50.		•	39.
BITSC: D: ZGUC T: S: ZGC T: S: ZGC T: S: ZGC T: S: T: T: <tht:< th=""> T: T:</tht:<>	9	76769.	•	1263.	~	•	. 69		302	2	•	
2975(1) 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 2746. 0. 11. 0. 182 2053518. 2053518. 16367. 279. 323. 10101. 5247. 31205. 5941. 0. 182 2053518. 2053518. 26508. 16367. 279. 323.0 11. 0. 182 207937. 0. 1796. 2807. 1930. 1130. 335. 1130. 355. 130. 255. 10085. 145. 130. 255. 1500. 255. 1500. 255. 130. 255. 255. 1405. 130. 255. 255. 145. 130. 255. 145. 130. 255. 24075. 2130. 255. 24075. 2130. 255. 24075. 2130. 2135. 255. 24075. <t< td=""><td>2;</td><td>, 20110</td><td></td><td></td><td>-</td><td></td><td></td><td>• • •</td><td>126.</td><td></td><td></td><td></td></t<>	2;	, 20110			-			• • •	126.			
15170 0. 274.0. 0. 10. 5. 5. 11. 0. 18. 2053518 206386 16367 279. 323. 10101. 5247. 31205. 5941. 0. 18. 2053518 206386 16367. 279. 323. 10101. 5247. 31205. 5941. 0. 18. 2053518 2063937 0. 1784. 250. 170. 2875. 1030. 1130. 213. 207937 0. 1784. 250. 170. 2875. 1030. 3110. 325. 3110. 325. 3120. 3120. 315.	c	56521		.2002	-	••		18.	80°		.	, P
2053518. 29638. 16367. 279. 323. 10101. 5247. 31205. 5941. 0. 182 EGION K YUSHU EGION K YUSHU MAGKAIDO MAGRATION FROM K YUSHU 0. 178. 0. 190. 191. 177. 0. 182 507937. 0. 1784. 250. 170. 2875. 1635. 3210. 1470. 325. 507937. 0. 1784. 250. 170. 2875. 1635. 3210. 1470. 325. 51207. 10. 1784. 250. 170. 2875. 1600. 315. 255. 51207. 1128. 40. 130. 144.0 2405. 315. 255.	85	13169.	::	2748.	•••		10.	•••	; ;;	:: ::	•••	
GELON KTUSHU FOPULATION BEATHS MLGAATION FROM KTUSHU C FOPULATION BEATHS MLGAATION FROM KTUSHU C MLGAATION SHITS S	LOTAL	2053518.	29638.	16367.	279.	323.	10101.	5247.	31205.	5941.	•	1827.
POPULATION BTRTHS DEATHS MIGRATION FROM KVUSHU TO 507937 0 1744 250 1000 2875 1935 3210 1470 3355 5179037 0 1744 250 1700 2875 1935 3210 1470 3355 5170031 0 1794 250 1700 2875 1935 33210 1470 3355 5170031 11205 28261 1700 28300 11310 2155 24075 3195 2355 517005 11205 28261 1700 255 15005 254075 3195 2355 517055 1120 28261 17020 2807 24075 3195 2355 517055 1124 2826 1300 2310 2310 2315 51805 51805 1128 840 2100 2310 2112 2315 2315 51805 51905 1282 12875 </td <td>9 9 9</td> <td></td> <td>UHSHU</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	9 9 9		UHSHU									
MOKKAIDO TOHORU KANTO CHUBU KINKI CHUGOKU SHIKU KTUKI 507937 0 1784 250 170 2875 1635 3210 1170 315 512097 0 170 2875 1635 3210 1770 325 512097 0 170 2875 1640 3050 1170 255 612097 1 0 1700 2875 15405 2590 3195 255 612097 1 1 285 555 19005 3195 255 255 612097 1 1 285 555 19005 3195 255 255 612097 1 1 2500 24075 3195 255	AGE 6	POPULATION	BTRTHS	DEATHS	MIGRAN	TION FROM	KYUSHU	10				
507937. 0. 1744. 250. 170. 2875. 16.55. 3210. 14.70. 325. 512002. 0. 705. 2425. 1900. 3050. 14.70. 325. 612007. 0. 705. 5425. 1500. 2425. 1500. 210. 215. 612007. 1705. 255. 1900. 3050. 1470. 3195. 255. 609650. 1702. 255. 1900. 3050. 8101. 1190. 255. 609650. 1702. 2875. 1540. 2500. 24075. 3195. 255. 609650. 1702. 2875. 1900. 3190. 255. 255. 255. 71050. 2807. 100. 2702. 124.6. 1100. 210. 215. 255. 71050. 2752. 1102.0. 2752. 214.6. 217. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215. 215.					HOKKAIDO	10H0KU	K AN TO		K J NK I	CHUGOKU	SHIKOKU	KYUSHU
519055 0. 205. 240. 130. 2425. 1900. 3050. 131. 215. 609650 14.20. 310. 555. 1908. 1440. 3050. 1310. 215. 609650 14.20. 310. 555. 1908. 1490. 3050. 1310. 235. 609650 14.20. 310. 555. 1908. 1490. 2470. 235. 609650 14.20. 310. 215. 17020. 7455. 1395. 235. 619168 5107. 145. 17020. 2755. 214. 3950. 1310. 215. 64918 910. 1124. 449. 90. 1623. 124. 319. 217. 15498 910. 1124. 84. 910. 1124. 217. 219. 217. 15498 910. 1124. 84. 219. 216. 217. 219. 217. 15498 910. 1124. 84. 210. 217. 217. 217. 15498 110. 214. 219. 217. 217. 217. 15498 110. 1110. 217. 217. 217. <	•	.769102	.0	1744.	250.	170.	2875.	1035.	3210.	1470.	325.	•0
01207 0 172 100 60 1845 1540 2530 810 115 01207 142 310 55 55 100 60 1845 1540 24075 3195 2455 534885 28261 470 55 55 55 17020 7405 3195 2455 534885 28261 470 255 7005 7685 3540 3122 24075 3195 2355 515688 5907 840 1122 7085 3540 3122 2407 2312 515688 5100 312 7222 7685 3540 3122 2407 2312 515688 5100 1128 840 1623 1267 2119 1040 211 2117 515680 1128 840 152 288 880 600 211 211 211 211 211 211 211 211 211 211 211 211 211 211 211 211 211 211 <	~	5 3 9 0 6 3 .	•	205.	240.	130.	2425.	1900.	3050.	1130.	215.	·
0096500 1426 310 55 55 19085 18590 24075 3195 235 71055 28261 470 200 215 70085 18407 3195 235 71055 28261 470 200 215 70085 18407 3175 235 71055 469281 460 300 220 7685 3540 3120 445 71056 469281 460 312 7255 2140 3950 1200 211 144178 211203 845 719 1221 2150 2852 2140 2400 2401 211 148181 910 1128 88 90 1623 1267 2112 212 <td< td=""><td>2</td><td>612097.</td><td>•</td><td>179.</td><td>100.</td><td>80.</td><td>1845.</td><td>1580.</td><td>2530.</td><td>830.</td><td>135.</td><td>•</td></td<>	2	612097.	•	179.	100.	80.	1845.	1580.	2530.	830.	135.	•
54485 2864 479 215 7020 7645 19360 3120 445 484179 21201 5685 3580 8125 2325 395 484179 21201 5685 2140 215 17020 7685 3580 8125 2325 395 5156 640 142 190 2532 1844 3119 1060 231 5158 5191 1121 1201 7285 840 117 230 5158 511 1224 384 311 1160 231 111 5158 511 121 3167 1260 317 311 311 20590 1 160 222 28 880 600 211 31 20590 0 3847 222 28 880 600 212 31 20590 0 3847 222 28 880 600 212 31 205916 0 2840 817 213 841 211	2	609650.	1426.	310.	55.	55.	19085.	18590.	24075.	3195.	235.	•
671056 46928 460 3101 220 7685 3580 8125 2225 395 555688 5907 586 7105 7685 3580 8125 230 555688 5907 546 110 220 7685 3540 8125 230 555688 5907 846 142 100 2515 1410 3950 210 230 55506 11 1287 213 1267 2136 0482 147 711 55506 1 1846 22 28 880 600 1210 305 51 71	20	584885.	28261.	479.	260.	215.	17020.	7645.	19360.	5320.	445.	ď
144179 21203 545 215 150 37255 2140 3950 1500 230 14918 910 1120 442 190 1535 2140 3950 1140 210 44988 910 1120 442 910 1120 442 1110 215 214 441284 51 1525 124 1110 106 211 111 15590 1 1525 124 110 101 212 117 15590 1 1524 1210 101 112 112 117 15590 1 142 25 29 867 443 100 212 15601 0 254 25 29 867 443 101 212 15601 0 4667 10 14 214 217 217 227978 0 4667 10 14 211 207 25 116901 0 6535 12 27 354 217 354 116901 0 6535 12 27 354 122 22 116911 0 6535 12 <td>2</td> <td>471056.</td> <td>46928.</td> <td>466.</td> <td>300.</td> <td>220.</td> <td>7685.</td> <td>3580.</td> <td>8125.</td> <td>2525.</td> <td>395.</td> <td>•</td>	2	471056.	46928.	466.	300.	220.	7685.	3580.	8125.	2525.	395.	•
910. 910. 142. 100. 2532. 184. 3119. 100. 211. 441258 910. 1128. 840. 910. 123. 121. 121. 121. 325500. 1. 1528. 33. 32. 110. 123. 30. 91. 325500. 1. 1840. 22. 28. 880. 600. 1210. 301. 91. 325500. 1. 1840. 22. 28. 880. 600. 211. 91. 325500. 1. 1840. 22. 28. 880. 600. 211. 91. 325905. 0. 3387. 22. 28. 880. 600. 211. 91. 279875. 0. 534. 213. 54. 213. 54. 213. 176940. 0. 659. 2. 173. 82. 16. 5. 116940. 0. 742. 2. 173. 82. 16. 5. 176940. 0. 742. 2. 173. 82. 173. 36. 16940. 0. 742. 2. 173. 82. 174. 36.	2	484179.	21203.	585.	215.	150.	3725.	2140.	3950.	1360.	230.	ď
449815. 910. 1124. 84. 90. 1623. 1267. 2156. 642. 117. 555500. 11. 1548. 23. 24.2 <	2	515688.	. 2065	840 .	142.	109.	2532.	1824.	3119.	1040.	211.	.
441236 51 132.8 33 32 1110 616 1582 412 71 5441250 1 1846 22 28 880 600 1210 303 58 326468 0 549 22 28 880 600 1210 303 58 326468 0 549 22 28 860 630 121 313 58 279875 0 5347 22 29 764 314 213 542 67 279876 0 6533 7 12 13 54 207 35 179661 0 6533 7 87 173 84 73 16 16972 5 7 173 82 194 73 16 553872 0 7289 2 1 94 37 113 553872 0 7289 2 1 94 37 16 553609 0 7289 2 1 94 37 16 553609 0 7284 1 94 37 16 5 553609 0 7284	9	489818.	910.	1128.	84.	06	1625.	1267.	2156.	682.	147.	ď
365590 1 1846 22 28 880 600 1210 303 58 279875 0 2547 25 28 860 600 242 67 279875 0 3347 25 29 867 454 106 242 67 279875 0 3347 22 29 764 364 213 514 27 67 770615 0 5467 10 14 294 213 554 207 335 116940 0 7432 5 7 173 82 16 35 116940 0 7432 5 7 173 82 16 5 548725 0 6902 2 1 94 37 16 5 5487554 144487 48115 1748 17485 24011 27 5 5	?	441258.	51.	1528.	33.	32.	1110.	816.	1582.	612.	7.	ď
250000 0 537 22 29 807 433 1000 444 647 227978 0 4667 10 14 54 211 54 215 55 227978 0 4667 10 14 54 211 54 217 55 5	2:	365590.	- 0	1846.	55.		880.	\$00°.	1210.	303.		.
279873 0 530 24 54 541 511 55 179661 0 650 10 14 71 55 55 179661 0 6535 7 14 73 55 25 1169401 0 6535 7 14 27 22 22 1169401 0 6535 7 173 326 122 22 159621 0 6902 2 1 94 37 115 36 55526 0 7289 2 1 70 28 105 5 555264 104487 48115 1788 1466 5 5	23	201020	•		\$		807.		• 90nL			.
17600 0 530 7 8 70 122 221 201	24					•						•
116940 0. 7432 5. 7. 173 42. 194 73. 16 0. 6902 2. 1. 94. 37. 113. 5. 5. 3500 0. 7289. 2. 1. 70. 24. 105. 27. 5. 6851554. 104687. 48115. 1778. 1148. 64601. 42441 75504. 17185. 2481.	52	179661		1004	2~							
63872'. 0. 6902'. 2. 1. 94, 37. 113, 36, 5. 35509'. 0. 7289. 2. 1. 70. 28. 105. 27. 5. 6851524. 104687. 68115. 1778. 1148. 61601. 42481 75504. 17185. 2481.	2	116940.		74.52			173.	82	194.	73.	16.	i
3350%, 0, 728%, 2, 1, 70, 28, 105, 27, 5, 6851524, 104687, 68115, 1728, 1168, 61601, 42441 75506, 17185, 2681	80	63872.	•	6902.	~	-	6	37.	113.	36.		
<u> 4851524. 104687. 48115. 1778. 1468. 61601. 22мм1 75506. 17185.</u>	85	35509.	•	7289.	.	-	.0.	28.	105.	.12	°	•
	TOTAL	6851524.	104687.	48115.	1778.	1368.	63603.	18814	75506.	17185.	2681.	0.

Appendix B

OBSERVED AGE-SPECIFIC RATES OF MORTALITY, FERTILITY, AND MIGRATION FOR THE TOTAL, MALE, AND FEMALE POPULATIONS: 1970

9 APPENDIX B

Mortality rates: total population.

AGE	HOKKAIDO	TOHOKU	KANTO	CHUBU	K I NK I	CHUGOKU	SHIKOKU	KYUSHU	
0	0.003799	0.004186	0.003571	0.003799 0.004186 0.003571 0.003730 0.003374 0.003809	0.003374	0.003809	0.004230 0.004129	0,004129	
~	0,000479	0.000460	0.000448	0.000479 0.000460 0.000448 0.000470 0.000434 0.000479	0.000434	0.000479	U. UUU519 0. UUU5UB	0.000508	
5	U.000352	0.000322	0.000318	0.000318 0.000341 0.000329	0.000329	0.000300	0.000422 0.000361	0,000361	
15	0,000743	0.000854		0.000755	0.000656		0.000942	0.000818	
20	0,001099			0.000974			0.001344		
\$2	0,001177				0.001120			0.001430	
50	0,001457	0.001467	0.001225	0.001247			0.001725	0.001694	
55	0.001973	0.002059	0.001760	0.001801			_	0,002255	
0,		0.002801	0.002626	0.002515			0.003194	0.003165	
\$	0,004407	0.004165	0.003695	0.003539	0,003860	0.003900		0.004445	
50	0,006615	0.006318	0.005874		0.005924	0.006054	0.006568	0,006748	
\$	0,010940	0.010940 0.010609		0,009413	0.009855	0.009773		0.010709	
60	0,017620	0,017620 0.018030		0.016046	0.015829	0.015625	0.016592	0.016972	
65	0,029436	0.029436 0.031622		0.027875	0.027550	0.026340	0.028311	0,028660	
2	0.049869	0.049869 0.052464	0.048021	0,047523	0.046729	0.044355	U.U463U1	0.046625	
2	0.081418	0.087033		0.080421	0.080421 0.077595	0.075438	0.076701	0.076467	
80	0.129559	0.139225		0.130539	0.130539 0.127920			0.121485	
85	0.217064	0.217064 0.226165	0.219982		0.226607 0.224446	0.221141	0.222694 0.216721	0.216721	
2 2022	1 20208 5	2.960775	2 274046	840227 2 727772 2 887272 2 801276 2 801276 2 972182 2 970422 2 222048	2.742185	2.484334	122222	2.722048	
CRUDE	0.006149	0,007664	0.005763	U.006149 0,007664 0,005763 0,007050 0,006173 0,008285 0,009207	0.006173	0.008285	U. 009207	0.008004	
M.AGE	78,8207	78.9262	79.1983	79.3181		79.3048 79.1290	78.8407	78.6947	

Fertility rates: total population.

AGE	HOKKAIDO	TOHOKU	KANTO	CHUBU	K I NK I	CHUGOKU	SHIKOKU	KYUSHU
0,	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.000002	0.00002	0.000002	0.0	0.00003	0.0	0.0	0.00002
:	0.003382	0.002222	0.002258		0,002383	0.002046	0.002543	0.002461
20	0.055599	0.059308	0.037311	0.055845	0,046506	0.058374	0.062587	0,054994
\$2	0.100955	0.106559	0.101414	0.108677	0.103954	0.107042	0.103201	0.110886
30	0.034522	0.039370	0.049506	0.037894	0.042124	0.034975	0.035267	0,048088
35	0.006865	0.007864	0.012416	0.007808	0.010463	0.007121	0.007393	0.012411
;	0,001040	0.001015	0.001680	0.001015	0,001456	0.000937	0.001112	0.01970
45	0,000097	0.000064	0.000125	0.000059	0.000080	0.000064	0.000052	0,000133
50	0,00004	0.000010	0.00004	0,00005	0,00000	0,00003	0.0	0,00005
\$	0.0	0.0	0.0	0.0	0.0	0.0	0.00005	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0*0	0.0	0,0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	n•0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS Crude M. Age	1.012335 0.017716 27.2385			1.023576 1.065567 0.020646 0.018826 28.4296 27.4377	1.034866 0.020454 27.8982	1.0528U1 0.01665U 27.2585	1.034866 1.0528U1 1.060790 1.154752 0.020454 0.016650 0.015645 0.01657 27.8985 27.2585 27.1690 27.921	1.154752 U.U16637 27.9211

Out-migration rates: total population.

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KYUSHU	0.00155 0.001951 0.001996 0.001981 0.001481 0.011206 0.001482 0.001482 0.001536 0.000536 0.000536 0.000546 0.000526 0.000536 0.000556 0.00056 0.000556 0.000556 0.000556 0.000556 0.000556 0.000556 0.000	0.075764 0.001138 30.1123	KYUSHU UUUUUS UUUUS UUUUS UUUUUS UUUUUS UUUUUS UUUUUS UUUS UUUUS UUU
SHIKOKU	0.000228 0.000228 0.000228 0.000228 0.000228 0.000228 0.00008 0.00000000	SNN :	
CHUGOKU	0.0001399 0.000241 0.000241 0.000763 0.000763 0.000763 0.000763 0.000239 0.000239 0.000239 0.000239 0.000239 0.000023 0.0000023 0.000023 0.0000023 0.0000023 0.0000000000		
KINKI	0.001450 0.001855 0.0018755 0.0018764 0.0018764 0.0018764 0.0011812 0.001814 0.0001814 0.0001814 0.0001814 0.0001819 0.00019 0.00019 0.0000000000	3742 1981 0206	X1WI X1WI 0.0003154 0.00016419 0.0001619 0.00015154 0.0001518 0.0001518 0.0001527 0.0002568 0.0002557 0.0002557 0.0002557 0.0002557 0.0002557 0.0002557 0.0002557 0.0002557 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555 0.00055555555
СНИВИ	U.003124 0.003524 0.003524 0.00352458 0.0052458 0.0052458 0.0012595 0.001259 0.001259 0.001259 0.001259 0.001259 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001959 0.001958 0.001958 0.001958 0.001588 0.0015888 0.0015888 0.0015888 0.00	0.298202 0.004539 31.1726	
НОККАІРО ТО Оки камто		1.13070 0.01697 32.798 32.798	A M M M M M M M M M M M M M M M M M M M
FROM HOKN 10HOKU	0.002349 0.002349 0.0012354 0.0015724 0.0015724 0.0015724 0.002665 0.0011388 0.0011388 0.0011388 0.0011388 0.00110492 0.00110493 0.0010493 0.00000000000000000000000000000000000		
MIGRATION MOKKAIDO		0.0 0.0 0.0	H4KAID 0.001329 0.001329 0.0005519 0.0005519 0.005519 0.005519 0.001205 000000000000000000000000000000000
TOTAL	0,0197979 0,019648 0,019648 0,019648 0,0197740 0,0197740 0,017770 0,0111375 0,0111375 0,0111375 0,0111375 0,0107869 0,00000000000000000000000000000000000	1,857175 0,027708 32,7090	101AL 1013594 10.013594 10.0055354 10.0155124 10.012595 10.0125555 10.0125555 10.0125555 10.01255555 10.0125555555 10.0125555555555555555555555555555555555
AGE	o	а с т т т с т т т с т т т с т т с т с т т с т т с т т т с т т т с т т т с т т с т т с т т с т т с т т с т с	4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

APPENDIX B Continued.

K Y USHU	1,001,001 1,001,001 1,000,000 1,000,000 1,000,000	U.087802 0.001325 34.5904 KYUSHU	0.001145 0.000940 0.000957 0.0001347 0.001351 0.001352 0.001352 0.000287 0.0000287 0.000287 0.0000287 0.000287 0.0000287 0.0000287 0.00000287 0.0000287 0.0000287 0.0000287 0.0000287 0.0000287 0.00000000000000000000000000000000000	U.069978 0.001095 28.5050
SHIKOKU	0.000397 0.0002555 0.0001455 0.000446 0.0002580 0.0002580 0.0002580 0.0002159 0.0001159 0.0001168 0.0001159 0.0001558 0.000058 0.0000000000	0.020745 0.000319 34.0127 SH1K0KU		0.016191 0.000282 29.1907
CHUGOKU	U.UUU4999 0.UUU4752 0.UU14175 0.UU14179 0.UU11119 0.UU12171 0.UU12355 0.UU12355 0.UU12355 0.UU12355 0.UU12355 0.UU1205 0	0.051355 0.000810 32.0271 52.0271		0.039500 0.000616 29.0508
K LNK L	0.002418 0.001151 0.001151 0.001151 0.001531 0.001531 0.001531 0.001531 0.0016473 0.00000000000000000000000000000000000	0.144108 0.002278 32.5205 Kinki	0.001340 0.002595 0.002595 0.011867 0.011867 0.011867 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001589 0.001580 0.0000000000000000000000000000000000	0.303669 0.004725 29.9529
CHUBU	U.001469 0.0016687 0.00166847 0.002735 0.0062435 0.0062495 0.0061495 0.001190 0.001190 0.001190 0.001190 0.001190 0.001995 0.0009623 0.00009623 0.00009623 0.00000000000000000000000000000000000	0.212726 (0.003278 (33.6755 (5.6755 (0.0
KANTO TO Kantu	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0 0.0 0.0 0.0 CHUBU TO		U.552911 0.00733 28.8780 28.8780
FROM TOHOKU	0.002752 0.0019722 0.001972485 0.002485 0.002485 0.002595 0.002705 0.001286 0.0012855 0.00100000000000000000000000000000	0.191257 0.002924 34.6841 FROM FROM	0.000577 0.000577 0.000577 0.001577 0.001577 0.001177 0.001177 0.0011775 0.001775 0.0017555 0.0017555 0.000000000000000000000000000000000	0.067106 0.000989 33.5196
MIGRATION HOKKAIDO	0.000740 0.000745 0.000545 0.0005455 0.0005455 0.00054555 0.00050555 0.0002135 0.000215 0.000215 0.000215 0.000215 0.000215 0.000200000000000000000000000000000000	58018 0.050025 11729 0.0001796 .6519 32.7353 migration total mokkaido	.000402 .00021 .000755 .000755 .000754 .000175 .000175 .000115 .000115 .000115 .000115 .000115 .000115 .000115 .000115 .000115	.024940 .000372 31.8693
TOTAL	0,01234 0,009220 0,009220 0,009220 0,009217845 0,0012445 0,0012445 0,0013459 0,00000000000000000000000000000000000	0.758018 0.011729 33.6519 101AL	0,012533 0,005758 0,005758 0,005758 0,005758 0,005757 0,005757 0,0015157 0,0015157 0,001517 0,002690 0,002690 0,002690 0,002690 0,002690 0,002690	1.076315 0 0.016811 0 29.5274
AGE	o.5.5555555555555555555555555555555555	GROSS CRUDE M. AGE AGE	D. D. D. V.	GROSS CRUDE M. AGE

KYUSHU	U.003239 U.001270 U.001271 U.001271 U.002111 U.00276 U.002756 U.001759 U.001759 U.001750 U.001750 U.001712 U.001712 U.001712 U.001712 U.001712 U.001712 U.001712 U.001712 U.001712	U.155785 U.U202360 32.8U02 KYUSHU	0.002971 0.0021492 0.001495 0.006356 0.006356 0.004769 0.004769 0.004769 0.001629 0.001629 0.000883 0.000883 0.000883 0.000845 0.0008455 0.0008455 0.0008455 0.0008455 0.0008455 0.0008655 0.00085555 0.00085555 0.00085555 0.00085555 0.000855555 0.00085555 0.000855555 0.00085555555555	u.195157 U.UU2840 29.1889
SHIKOKU	0.001177 0.001172 0.0011728 0.0011028 0.0012291 0.0012291 0.001289 0.001788 0.0000000000000000000000000000000000	0,087061 0,001301 34,3047 SHIKOKU	0.002046 0.001490 0.001490 0.0023562 0.0023388 0.0023388 0.0023388 0.0012359 0.0003567 0.0003567 0.0003579 0.00012568 0.00000000000000000000000000000000000	0.099188 0.001468 27.2377
CHUGOKU		0.158887 U.U2513 31.2878 CHUGOKU		0.0
KINKI		0.0 U.0 0.U KINKI	0.005521 0.004777 0.004777 0.0042117 0.0173214 0.0173214 0.0173214 0.0015204 0.0015204 0.0015204 0.0015284 0.0015284 0.001687 0.00000000000000000000000000000000000	0.750377 0.011270 28.0700
CHUBU	0.003281 0.003281 0.003281 0.003281 0.003281 0.003281 0.0031777 0.0031877 0.0012822 0.00128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.000128728 0.00000000000000000000000000000000000	0.277426 (0.004240 (32.8831 (32.8831 (0.001924 0.001424 0.001424 0.001424 0.001424 0.001424 0.0014223 0.001464 0.001464 0.001464 0.001464 0.001464 0.001464 0.001464 0.001464 0.001454 0.001000000000000000000000000000000000	0.175447 0.002639 27.5402
KINKI TO Kanto	0.005451 0.0024453 0.00244536 0.002454536 0.002754535 0.002754535 0.00175785 0.0011778 0.0011778 0.0011172 0.001172 0.001000000000000000000000000000000000	0.365712 0.005800 30.9520 160KU T0 160KU T0 KANT0		U.447841 U.U06793 26.8864
FROM R TOHOKU		0.0252 0.0003 32.75 52.75 FROM		0.023625 0.000354 27.6222
MIGRATION MOKKAIDO		H C C C C C C C C C C C C C C C C C C C		0.012296 0.000181 30.0758
TOTAL	0.01874 0.01345 0.013455 0.013455 0.0135545 0.0135545 0.011226555 0.011226555 0.0112285 0.01265555 0.01265555 0.01265555 0.01265555 0.01265555 0.01265555 0.01265555 0.01265555 0.012655555 0.012655555 0.01265555 0.012655555 0.012655555 0.012655555 0.0126555555 0.0126555555555555555555555555555555555555	1.087204 0.016866 32.0963 10114	0.017855 0.013955 0.0139557 0.0139557 0.0139597 0.0224559 0.0105990 0.0105990 0.0105990 0.0105990 0.0105990 0.0105990 0.0105990 0.0105900 0.0105900 0.01059000000000000000000000000000000000	1.705932 0.025545 27.723
AGE	0.5.555883355588	62055 CRUDE AGE AGE	o	GROSS CRUDE M. AGE

APPENDIX B Continued.

KYUSHU	0.001090 0.000712 0.000712 0.000715 0.0002875 0.0005875 0.0005257 0.0005257 0.0005257 0.0005257 0.000525 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.000555 0.00055555 0.000555555 0.00055555 0.00055555 0.00055555555	u.084751 0.001157 31.9903 KYUSHU	20002220002202000	0. 0
SHIKOKU		.0 .0 .1 .1 .1 .1		0.000458 0.0
	<pre></pre>	00	00000000000000000000000000000000000000	0.0
CHUGOKU	0.003537 0.0026494 0.00264945 0.00269855 0.0039855 0.0015789 0.0014186 0.0011186 0.0011186 0.001011186 0.0010515 0.001055 0.0000555 0.0000555 0.00005555 0.00005555 0.000055555	U.252385 U.UU5646 28.1018 28.1018 CHUGOKU		0,005101 30,7460
KINKI	0.007877 0.005737 0.005737 0.005739 0.05739 0.05784 0.011911911 0.015784 0.015784 0.0057844 0.0057844 0.0057844 0.005784 0.005784 0.005784	1.152606 0.016960 28.1055 KINKI	603030000000000000000000000000000000000	
СНИВИ		U. 237835 U. 003465 28,8328 28,8328 CHUBU	0.00131386 0.00135386 0.01035332 0.0135242 0.0135242 0.013526 0.015152 0.015152 0.0011555 0.0011555 0.0011555 0.0011555 0.0011555 0.0011555 0.001755 0.0000000000000000000000000000000000	0,007006 28,5075
SHIKOKU TO Ku kanto	0.001960 0.001968 0.001968 0.001968 0.027141 0.027141 0.0019618 0.0019518 0.0019518 0.0019518 0.0019518 0.0019518 0.0000504 0.0000504 0.0000504 0.0000504 0.0005040 0.0005040 0.0005040000000000	0.423212 0.006381 26.2010 USHU 10 KANTO	0.005777 0.0045373 0.0045373 0.00402722 0.0178579 0.0178579 0.0178579 0.0057265 0.0057265 0.0057265 0.0057265 0.00518517 0.005218517 0.0015185170000000000000000000000000000000	0.011739 28.3251
FR0M 10H0		0.014059 0.000203 28.7955 FROM K1 10HOKU		0.UUU262 28.6212
MIGRATION	0.000196 0.000237 0.000237 0.0006459 0.0006459 0.0000455 0.0001815 0.0001815 0.0001815 0.0001815 0.0001451 0.00000000000000000000000000000000000	0.015413 0.000227 26.8197 26.8197 116841100 Hokkaldo		0,000582 27,6036
	0.017272 0.0123858 0.0123858 0.0123858 0.0125659 0.125659 0.014526 0.014526 0.011556 0.0105267 0.0105251 0.0105251 0.0105251 0.0105267 0.012567 0.012567 0.012567 0.012567 0.012567 0.012567 0.012567 0.012567 0.012567 0.012567	2,180260 0,032038 27,9610 101AL	0.019716 0.0116416 0.0116416 0.1195459 0.1195459 0.01167134 0.0114734 0.0114738 0.0114738 0.0114738 0.0114738 0.0114738 0.0114738 0.0114738 0.0114738 0.0114738 0.0104645 0.0006736 0.00076 0.0006736 0.0006736 0.0006736 0.0006736 0.0006736 0.0006736 0.0006736 0.0006736 0.00076 0.000076 0.000076 0.0000000000	.035443 29.0365
AGE	0,5255525555555555555555555555555555555	GROSS CRUDE M, Age Age	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CRUDE M. AGE

Mortality rates: males.

DEATH RATES *********

U SHIKOKU KYUSHU	0.004.167 0.004.687 0.004.667 0.004240 0.0005759 0.0004.682 0.000535 0.000631 0.000553 0.0005540 0.0005540 0.000577 0.000575 0.000533 0.000152 0.001579 0.0001578 0.001154 0.001170 0.001154 0.000135 0.000157 0.001568 0.0011578 0.001154 0.001154 0.001154 0.001254 0.001568 0.001155 0.001154 0.001154 0.001154 0.001254 0.001754 0.001254 0.001154 0.001154 0.001154 0.001254 0.001759 0.001551 0.0011754 0.001154 0.001154 0.001264 0.001759 0.001551 0.0011754 0.001154 0.001154 0.001264 0.001759 0.001551 0.0011754 0.001154 0.001154 0.001264 0.001759 0.001551 0.001275 0.001254 0.001561 0.001587 0.002058 0.0017910 0.002806 0.0017154 0.001154 0.001561 0.001587 0.002587 0.0017910 0.002806 0.0017154 0.001154 0.001561 0.001588 0.0017910 0.002806 0.001779 0.002264 0.001561 0.001578 0.001572 0.002805 0.001275 0.002805 0.001561 0.001578 0.001572 0.002805 0.001275 0.002805 0.001561 0.001578 0.001572 0.002805 0.001754 0.001754 0.001764 0.001568 0.001572 0.002806 0.001779 0.002841 0.001764 0.001768 0.001578 0.001572 0.002779 0.002841 0.002841 0.001764 0.005788 0.001750 0.005721 0.002841 0.002841 0.002841 0.007588 0.001751 0.002846 0.005780 0.002841 0.002841 0.007588 0.001752 0.002757 0.005780 0.0058610 0.0058816 0.005988 0.001752 0.002757 0.005780 0.0058610 0.005861 0.005988 0.001750 0.005721 0.005780 0.005841 0.005861 0.005988 0.001750 0.005721 0.005780 0.0058610 0.005841 0.005861 0.005988 0.001562 0.005721 0.005780 0.0058610 0.005841 0.058610 0.059881 0.005786 0.005721 0.005780 0.005872 0.0058610 0.058816 0.005988 0.005866 0.005722 0.100574 0.058800 0.254861 0.058816 0.055861 0.055860 0.055860 0.005861 0.005860 0.005861 0.005860 0.005861 0.005860 0.005860 0.005860 0.005861 0.005860 0.0058600 0.005860 0.005860	3,2648882 3.477688 3.223747 3.274275 3.229480 3.154441 3.507608 3.258793 9.007092 0.0086454 0.000266 0.007722 0.000511 0.000351 0.0010519 78.3587 78.22037 78.2404 78.8491 78.4714 78.4628 78.4034 78.1184
CHUGOKU	0.004409 0.000591 0.001250 0.0012510 0.001819 0.001819 0.018186 0.018166 0.0180587 0.0180587 0.01805166 0.0130587 0.013587 0.013587 0.013587 0.013587 0.013587 0.0115812 0.0112012 0.010000000000	.250480 3.154441 .006/11 0.009357 78.8736 78.4928
KINKI	U.00424U 0.001739 0.004409 0.000301 0.001739 0.001497 0.0001477 0.00152 0.000591 0.001147 0.001142 0.0011567 0.001142 0.001142 0.0011570 0.001142 0.001142 0.0011571 0.001142 0.001142 0.00116194 0.001142 0.0011421 0.00116194 0.001142 0.0011411111 0.00114210 0.001142 0.0011411111111111111111111111111111111	3.264882 3.477648 3.223747 3.274275 3.250480 3.154441 0.007095 0.008640 2.002560 0.007557 0.0009557 0.1547 78 78 72017 78 4941
сниви	0.004240 0.000580 0.000580 0.0001940 0.001142 0.001000000000000000000000000000000000	3.274275 0.007722 78.8491
KANTO	0.004069 0.0004069 0.0001054 0.001034 0.001034 0.001034 0.001234 0.001234 0.0022754 0.0027540000000000000000	3.223747 U.006266 78.594U
TOHOKU	0.004367 0.004467 0.000353 0.0003946 0.001559 0.0001942 0.001569 0.001598 0.001568 0.001598 0.001568 0.001598 0.001569 0.001555 0.0015910 0.00551 0.0015910 0.00551 0.015913 0.014728 0.015266 0.1064203 0.05266 0.106422 0.05266 0.106422 0.05266 0.106422 0.05266 0.106422 0.05266 0.106422 0.05266 0.106422 0.05266 0.006422 0.05266 0.006422 0.05266 0.006422 0.05266 0.006422 0.05266 0.006422 0.05266 0.006422 0.05266 0.006422 0.05266 0.006422 0.00526 0.006420 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.0064200 0.00526 0.00642000000000000000000000000000000000	3.477688 0.008636 78.2205
HOKKAIDO	0,004,567 0,0004539 0,0004539 0,0004539 0,001559 0,001559 0,001569 0,001569 0,001569 0,001569 0,0157252 0,0157252 0,01569 0,0157252 0,01569 0,01569 0,0157252 0,01569 0,01569 0,0157252 0,01569 0,01569 0,0157252 0,01569 0,00000000000000000000000000000000000	3.268882 0.007095 78.3587
AGE		GROSS Crude M.Age

Out-migration rates: males.

AGE	TOTAL	MIGRATION Total Hokkaido	FROM HOKKALDO TO Tohoku kanti	KALDO TO Kanto	СНОВЛ	KINKI	CHUGOKU	SHIKOKU	KYUSHU	
C	0.010450	0.0	061600 0	0.010.02	14110	0 001240	0.000401	362000 0	C 1100 0	
.										
			vec 200.			20* 100° n	••••••	0.000 C	0.001905	
0	0.015134	0.0	0.001985			0,000925	0.000271	0.000203	0.000947	
15	0.0/8015	0.0	0.005055	0.057697	0.009709	0,004535	0.000420	0.000060	0.000539	
20	0.086707	0.0	0.006472	0.060255	0.009739	0.006576	0.001278	0.000461	0.001927	
25	0.043305	0.0	0.004030	0.025646	0.006399	0.003835	0.000904	0.000513	0.001978	
30	0.029173	0.0	0.002927	0.016618	0.004114	0.002443	U.0005U8	0.000314	0.002250	
35	0.025171	0.0	0.002804	0.013661	0.004409	0.001656	0.000359	0.000252	0.002030	
40	0.020074	0.0	0.002251	0.011029		0,001291	U.0003U4	0.000163	0.001417	
45	0.016115	0.0	0.001645	0.009648		0.001150	0.000395	0.000042	0.000578	
50	0.013230	0.0	0.001332	U.007990	0.002129	0.001025	0.000342	0.000035	0.000377	
55	0.009846		0.001296	0.005641	0.001603	0.000930	0.000119	0.000030	0.000228	
60	0.008429		0.001070	0.004930	U.0U1359	0,000734	0.000096	0.000036	0.000204	
6 5	0,006972		0.000816	0.004398	0.001071	0.000336	0.000032	0.000128	0.000192	
02	0.006247		0.000738	U.U03837	0.001008	0.000344	0.000025	0.000123	0.000172	
25	0.006999	0.0	0.000825	0.004117	0.001144	0.000412	0.000046	0.000183	0.000274	
80	0.008322	0.0	0.000925	0.005343	0.001438	0.000411	0.0	0.000103	0.000103	
85	0.018668	0.0	0.001766		0.003027	0.000757	0.0	0.000252	0.000252	
0000	2 141885		0 201156	1 150841	787311 0 178831 1 VS1102 0	C110531 0	0130510	772780 0 ¥22¥10 0	772780 O	
	0.012558		0.002010							
M. AGE		0.0	34,0095	32.1502		30.8560	28.4393	37.9566		
	£	MIGRATION	FROM TO	TOHOKU TO						
AGE	TOTAL	TOTAL HOKKAIDO	T OHOK U	KANTO	CHUBU	KINKI	CHUGOKU	SHIKOKU	KYUSHU	
0	0.014511	0.001324	0.0	0.009461	0.009461 0.002143	0.000572	0.000314	0.000314 0.000157	0.000539	
~	0.008860	0.000613		0.005879	0.001402	0.000374	0.000208	0.000073	0.000312	
10	0.005575	0.000396		0.003827	U.003827 U.0U0810 0.000184 U.000110 U.0UU083 0.000166	0.000184	0.000110	0.000083	0.000166	
15	0.113161	0.004698		0.096616	0.008908	0.002496	0.000212	0.000046	0.000184	

KTUSHU	15.39 03.12	0166	0184	1487	0733	0627	1397	1299	0133	107	0116	0130	6400	0037	9900			111	1321	28.7450	
	0.0	0.000166			0.000733	0.000627	0.000397		_	0.000107	0.000116	0.000130	0.000049	U.000037	0.000066	0.0	0.0	0.02	0.0		
CHUGOKU SHIKOKU	0.0000157	0.000083	0.000046	0.000181	0.000253		0.000110			0.000038	0.000025	0.000024	0.000049	0.000037	0.000066	0.0	0.0	0.007175	0.000100	31.2752	
CHUGOKU	0.000572 0.000314 U.0U0157 0.000539 0.000374 0.000208 0.000073 0.000312	0.000154 0.000110 0.00083	0.000212	0.000747	0.000573	U.000464			0.00000.0	0.000084	0.000083	0.000077	0.000049	0.000037	0.000066	0.0	0.0	0.017552	0.000258	28.5394	
X I NK I	0.000374	0.000184	0,002496	0.004164	0.002385 (0.001380	0.000961	0.000731	0.000707	0.000663	0,000640	0.000591	0.000347		0,000349	0.000390	0,000940	0.090959	0.001223	35.8066	
CHUBU	D.009461 0.002143 0.000572 0.000314 0.000157 0.000539 0.005879 0.001402 0.000374 0.000208 0.000073 0.00012	U.0U0810 C	0.008908	0.200290	0.005597	0.004204	0.003536	0.002874	0.002652	0.002516	0.002645 0	0.002137				0.000935	0.001879	1.723978 0.269893 0.090959 0.017552 0.007175 0.021911	0	35.1856	
KANTO	0.009461	U.003827	0.096616	0.081344	0.033382	0.020330	0.016088	0.012811	0.012784 (0.012494	0.012356	0,009608	0.005635	0.002942	0.002358	0.002534	0.004546	1.723978	0.026314	29.8815	
T OHOK U	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL HUKKAIDU TOHOKU	0.001324 0.0 0.000613 0.0	0.000396	0.004698			0.004769	0.004315	0.003610			0.002932	0.002065	0.001103	0.000520	0.000382	0.000429	0.000822	2.371303 0.239836 0.0	U.035198 0.003255 U.O	36.7785	
TOTAL	0.008860	0.005575	0.113161	0.103612	0.049293	0.031951	0.025631	0.020576	0.019616	0.018914	0.018798	0.014630	0.008065	0.004641	0.004152	0.004288	0,007987	2.371303	0.035198	31.3938	
AGE	••	6	15	20	25	3 0	35	40	45	50	55	90	65	02	22	80	85	GROSS	CRUDE	M.AGE	

ктизни	0,001631 0,001631 0,001170 0,000869 0,000869 0,000869 0,000989 0,000989 0,000989 0,000989 0,0003985 0,000395 0,00035 0,000395 0,000395 0,000395 0,000395 0,000395 0,000395 0,000395 0,000395 0,00035 0,000395 0,00000000000000000000000000000000000	0.094028 0.001450 34.8528 Kyushu		0.071638 0.001118 29.3693
SHIKOKU	0.000401 0.000287 0.000282 0.000682 0.000682 0.000682 0.000682 0.000682 0.000000000 0.00000000000000000000000	0.022956 0.000361 33.9610 33.9610 Shikoku		0.019970 0.000319 28.3139
снибоки	0.000937 0.000778 0.000778 0.0001798 0.0011798 0.001189 0.001189 0.000189 0.000158 0.0000558 0	0.058659 0.000963 32.2735 5.2735		0.044745 0.000716 28.5460
KINKI	0.002454 0.0013944 0.0013944 0.002024 0.00205458 0.00205458 0.00205458 0.00139428 0.00139428 0.0013945 0.00115915 0.000289 0.000288 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.000088 00000000	0.159261 0.002707 30.6127 KINKI		0.333805 0.005250 29.6552
сниви	0.003407 0.0012475 0.0012475 0.0017084 0.0017084 0.0017687 0.001767 0.0011407 0.0011467 0.0011467 0.0011467 0.0011462 0.0011462 0.001835 0.000835 0.000835 0.000835 0.001835	0.237455 0.003826 33.1700 33.1700		0.0
KANTO TO KANTO	••••••••••••••••••••••••••••••••••••••	0.0 0.0 0.0 0.0 0.0 CHUBU TO		0.643684 0.010401 27.8695
† ком тоноки	0.00284 0.001825 0.001825 0.001825 0.005855 0.0058555 0.0058555 0.001855555 0.0018555555 0.0018555555 0.0018555555 0.0018555555555555 0.00185555555555555555555555555555555555	D.251110 U.003786 36.3739 36.3739 FROM FROM		0.092074 U.001314 36.0850
MIGRATION HOKKAIDO	0.000761 0.000498 0.0001498 0.00015458 0.0017855 0.0017855 0.0017855 0.00017855 0.0001552 0.0001552 0.000132 0.0000132 0.00000000000000000000000000000000000	0.057877 0.001005 30.2702 MIGRATION MOKKAIDO	0.00036 0.00075 0.00075 0.00175 0.00175 0.00175 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.00017 0.000000 0.0000000 0.0000000000	0.031737 0.000489 30,8614
TOTAL	0.012410 0.012413 0.002020 0.017202 0.017202 0.017202 0.002020202	6.881344 0.014098 33.5708 33.5708		1.237053 0.019607 29.1575
AGE	o	64055 M. AGE A GE A GE	· · · · · · · · · · · · · · · · · · ·	GROSS Crude M. Age

SH1K0KU KYUSHU	001475 0.003195 0011475 0.001286 001176 0.001286 001286 0.002656 0012453 0.002656 001464 0.002565 001464 0.002558 001819 0.001553 000859 0.001117 000858 0.001117 000858 0.00058 000858 0.00058 0.000858	.092180 0.162623 .001389 0.002491 34.8738 33.2963 SHIKOKU KYUSHU	001986 0.00278 001636 0.00278 001636 0.00278 002895 0.00959 002895 0.00959 001797 0.00956 001790 0.00369 001790 0.00195 001219 0.00122 001219 0.00122 00122 0.00122 00122 0.00122 0.00122 0.00122 0.00120 0.00122	1,115269 0.226413 0,001714 0.003406 27.0434 27.9571
CHUGOKU	0.003085 U 0.002085 U 0.002159 U 0.002799 0 0.002545 U 0.005458 U 0.005458 U 0.005458 U 0.005458 U 0.001240 U 0.000000 U 0.000000 U 0.0000000 U 0.0000000 U 0.000000 U 0.0000000 U 0.0000000 U 0.0000000 U 0.00000000 U 0.00000000 U 0.00000000 U 0.000000000 U 0.0000000000	0.177276 0 0.002823 0 32.0541 52.0541		
KINKI		0.0 0.0 0.0 Kinki	0.005811 0.005811 0.0158135 0.0159555 0.0159555 0.0168873 0.0054897 0.001295355 0.00129555 0.00129555 0.00129555 0.00129555 0.00129555 0.00129555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.001295555 0.0012955555 0.0012955555555555555555555555555555555555	0,781075 0,011877 27,7758
сниви	0.004500 0.0024400 0.0024400 0.0024404 0.0024404 0.00124404 0.00124440 0.0012444384 0.001244434 0.0012444384 0.0012444344 0.00124444344 0.00124444444444444444444444444444444444	0.331402 0.005127 33.6025 CHUBU		0.217158 0.003295 27.5837
INKI TO Kanto	0.005756	0.419051 0.007U81 29.1484 29.1484 060ku to kanto		0.008669
FROM K TOHOKU		0.034496 0.000523 34.630U FROM CHU FROM CHU		0.000472 0.000472 27.2844
IIGRATION Hokkaido	0.000252 0.000252 0.000255 0.000255 0.000255 0.000255 0.000050 0.000000 0.000000 0.0000000 0.0000000 0.000000	0.020094 0.000320 32.7329 MIGRATION MOKKAIDO		0.01/92/ 0.000271 28.8125
TOTAL	0.013400 0.013400 0.013400 0.013400 0.013400 0.013400 0.013400 0.013400 0.013400 0.0008816 0.00038216 0.00000000000000000000000000000000000	1.237122 0.019755 31.9409 31.9409 Total	01451 01451 01451 01451 01451 01451 01451 015040 015040 015040 015040 015040 015040 015040 015040 015040000000000	0.029703 0.029703 27.0112
AGE	0、55555883338888555533	GROSS CRUSS A GG A GG A GG		GRUSS CRUDE M. AGE

N K Y USHU	0,001019 0,000379 0,000379 0,000379 0,000379 0,000379 0,000357 0,000357 0,000357 0,000357 0,000357 0,000357 0,000353 0,00000052 0,000353 0,000553 0,000550 0,000550 0,000550000000000	0.102209 0.001454 29.7045 29.7045	00000000000000000000000000000000000000	0.0
SHIKOKU	•••••••••••••••••	0.0 0.0 8HIKOKU		0.038007 0.000532 31.9118
CHUGOKU	0.002464 0.002464 0.002464 0.013225 0.0132292 0.00132425 0.00132425 0.0024422 0.001800 0.001800 0.001800 0.001800 0.001800 0.001800 0.000180000000000	0.302577 0.004481 27.0063 CHUGOKU	0.002915 0.002915 0.0029295 0.009295 0.009295 0.009295 0.00019995 0.00019995 0.00019995 0.000019995 0.000019995 0.000019995 0.000019995 0.000019995 0.000019995 0.000019995 0.00001995 0.00001995 0.00001995 0.00005 0.0005 0.00005 0.0005 0005 00005 00000000	0.262618 0.003759 31.1652
KINKI		1.288877 0.018917 28.3100 28.3100 Kinki	000000000000000000000000000000000000000	0.952309 0.014133 30.1490
CHUBU	0.001846 0.001846 0.0018587 0.018587 0.018587 0.018587 0.0018587 0.0018587 0.0018587 0.0018587 0.0018587 0.0018587 0.001757 0.0000000000000000000000000000000000	0,310811 0.004474 30.1027 50.1027		0.528732 0.007836 30.7606
KOKU TO Kanto	0.002438 0.0012131 0.0012131 0.0012180 0.0120568 0.0119568 0.011986 0.011986 0.011986 0.011986 0.011986 0.011986 0.011986 0.011986 0.001278 0.00001278 0.0000778 0.0000000000	0,528222 0,008003 25,5442 25,5442 USHU TO WANTO	0.005888 0.0058255 0.00142255 0.00142255 0.00142255 0.00145476 0.00143467 0.00024567 0.0002467 0.0002467 0.0002467 0.0002467 0.0002467 0.000247 0.0002467 0.000247 0.00000000000000000000000000000000000	0.948458 0.014469 28.3677
FRUM SHIK Tohoku		0,017398 0,000255 29,0418 29,0418 FROM KYI	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.021992 0.000335 27.1021
MIGRATION Hokkaido	0.0001335 0.000335 0.000335 0.0001202 0.0012015 0.0001215 0.000135 0.000135 0.00005 0000500000000	0.022550 0.000328 29.0802 MIGRATION HOKKAIDO	0.000212 0.0000312 0.0000312 0.0000312 0.000035 0.000035 0.000035 0.0000215 0.00000215 0.00000215 0.000005 0.000005 0.00005 0000500000000	0.034336 0.000519 27,7739
T01AL	0,017522 0,013554 0,013554 0,013554 0,013554 0,015123 0,015122 0,015122 0,015122 0,015122 0,015122 0,015122 0,015120 0,0000000000000000000000000000000000	2.572644 0.057910 27.8725 27.6725		2,786451 0,041580 29,7252
AGE	0.0555555555555555555555555555555555555	68085 68085 15.8006 15.8006 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.8000 15.80000 15.80000 15.80000 15.8000000000000000000000000000000000000	o. 555598935588	GR055 CRUDE M. AGE

Mortality rates: females.

AGE	HOKKAIDO	TOHOKU	KANTO	CHUBU	K I NK I	CHUGOKU	SHIKOKU	K Y USHU	
0	0.003204	0.003660	0.003047	0.003047 0.003194	0.002989	0.003179	0.003754	0.005520	
~	0,000360	0.000380	0.000380 0.000356 0.000354 0.000311	0.000354	0.000311	0.000362	0.000401	0,000360	
1	0.000268	0.000251	0.000229	0.000263	0.000226	0,000249		0,000292	
15	0,000433	0.000493	0,000433 0,000493 0,000414	0.000431		0.000398	0.000471	0,000508	
20	0.000726	0,000726 0,000709	0.000572	0.000687		0.000673	0.000820	0.000819	
25	0.000825	0.000844	_	0,000804		0.000871	0.001002		
30	0.001019	0.001014	0.000951	0,000951 0,000981	0.001009	0.001008	_	0.001208	
35	0.001280	0.001357	0.001319	0.001555	0.001472	0.001444	_	0.001629	
40	0.002094		0.002011	0.001994	0.001994 0.002096 0	0.002049		0.002305	
\$\$	0,003485		0.003003	0.02970	0.003198	0.002849	_	0.003465	
20	0.005379		0.004518	0.004767	0.004715	0.004674	0.04445		
\$	0.008095		0.007283	0.007234	0.007496	0.007025		0,007803	
60	0,013140		0.011909	0.012123	0.011816	0.011464		0.012102	
65	0.021840	0,022740	0.020992	0.020782	0, 020782 0, 020073	0.019350	0.020360	0.020471	
20	0.039886	0.041025	0.037183	0.037700	0.036842		0,035740	0.036374	
22	0.069966		0.067817	0,067287	0.065211	0.067817 0.067287 0.065211 0.062457	d.U64952	0.063554	
80	0.114336		0.125854 0.116099	0.117958	0.114850	0.114850 0.106733	0.112402	0.108060	
85	0,205350	0.221353	0.214695		0.215839 0.214934	0.211416	0.208672	0.205272	
6ROSS	2,458429	2.617483	2,458429 2,617483 2,465869 2,483506 2,445944 2,350834 2,407157 2,369012	2,483506	2.445944	2.350834	2.407157	2,369012	

GROSS 2.458429 2.617483 2.465869 2.483506 2.445944 2.350834 2.407157 2.369012 CRUDE 0.005232 0.006760 0.005250 0.006408 0.005646 0.007293 0.007970 0.007023 M.AGE 79.6332 79.9226 80.0451 80.0458 80.0646 80.0748 79.7192 79.6187

Fertility rates: females (female births by age of mother).

AGE	HOKKAIDO	TOHOKU	KANTO	CHUBU	K I NK I	CHUGOKU	SHIKOKU	KYUSHU
o ~ 5 t 5 y 5 y 5 y 5 y 5 y 5 y 5 y 5 y 5 y	0.0 0.000005 0.000005 0.025255 0.02525555 0.025555555555	0.0 0.0 0.0 0.0 0.054784 0.095784 0.095784 0.097244 0.097244 0.097244 0.000046 0.000046 0.000046 0.0000000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,0 0,0 0,00 0,000 0,00 0,00 0,00 0,00		0.0 0.0 0.0101131 0.011311 0.0101012 0.0000555 0.0000055 0.0000055 0.00000000	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.04339 0.044575 0.041455 0.011455 0.011455 0.010115 0.000115 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
62055 Crude M. Age	0.933434 U.016876 27.3143	0.033434 1.003431 1.026598 1.022073 1.008248 0.972795 0.961679 0.016876 0.014789 0.020125 0.017788 0.019524 0.015440 0.014435 27.3143 27.3571 28.3819 27.4765 27.8972 27.3273 27.3550	1.026598 0.020125 28.3819	1.022073 0.017788 27.4765	1.008248 0.019524 27.8972	1.008248 0.972795 0.961679 1.037511 0.019524 0.015440 0.014445 0.015275 27.39762 27.35350 27.9766	0.961679 0.014433 27.2550	1.037517 0.015279 27.9760

Out-migration rates: females.

I	_		CT CATAVON MODA	0. 04.47					
AGE	TOTAL	TOTAL HOKKAIDO	TOHOKU	KANTO	сниви	KINKI	снибоки	SHIKOKU	KYUSHU
0	0.020149	-	0.002379	0.010961	0.003125	0.001516	0,000303	0.000233	0.001632
~	0,018740	0.0	0.002082	0.009779	0.003369	0.001591		0.000281	0.001474
10	0.016024	-	0.001715	0.008787	0.003266	0.000469	0.000869 0.000211	0.000141	
15	0,052179		0.002388			0.002830	0.000181		0.000421
20	0,038839		0.002831		0.005481	0.002976		0.000181	0.000581
25	0,032744		0.003468		0.004236	0,002590		0.000395	U.001690
30	0.023589		0.002384		0.004005	0.001782	0.000486	0.000255	0.001968
35	0.019572	-	0.002501	0.010600	0.003335	0.001362	0.000320	0.000194	0.001260
04	0,015229		0,001913	0.008349	0.002642	0.001064	0.000269 0	0.000143	0.000450
45	0.010524	0.0	0.001157	0.006276	0.001660	0.000769	0.000210	U.000057	0.000394
50	0,009065	0.0	0.000890	0.005536	0.001410	0,000701	0.000181	0.000047	0.000047 0.000299
55	0.008397		0.000701	0.005112	0.001458	0.000691	0.000133	0.000057	0.000246
90	0.008776		0.000745 (0.005410	0.001455				
65	0.008733		0.001263	0.005344	U.001047				
20	0.007260	0.0	0.001093	0.004573	0.000831				
2	0.007338		0.001101	0,004219 (0.000881		0.000110		
80	0,007442	_	0.001218	0.004533	0.000744				
85	0.012326	0.0	211100.0	0.007868	0.001180				
GROSS	1.584629 0.0	0.0	0.156360	0.924452	0.287215	0.115142	0.020207	0.013566	0.067596
CRUDE	0.023003	0.0	0.002085	0.002085 0.013378 0.004475 0.001619 0.000243 0.000185 0.000977	0.004475	0.001619	0.000283	0.000185	0.000977
M.AGE	33.4799		37.1421	34.1100	29.1722	35.2343	35.9142	34.8474	30.7010
406	-	MIGRATION FROM	ŝ	TOHOKU TO	10072				110.01
175	1		><>=>=		2000	*****		7474748	

KYUSHU	0.000448 0.0003377 0.0003377 0.0003377 0.000347 0.000347 0.000341 0.000132 0.000132 0.000055 0.00055 0.00005 0.000055 00	0.017364 0.000248 27.5509
SHIKOKU		0.004351 0.017364 0.000063 0.000248 27,5277 27,5509
CHUGOKU	0.000149 0.000145 0.000155 0.000155 0.000155 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000159 0.0000155 0.0000000000	0.010097 0.000147 27.9280
KINKI	250000.0 7000000 7000000 7000000 7000000 7000000 7000000 80000000 80000000 80000000 80000000 80000000 80000000 80000000 800000000	0.052472 0.000750 30.3975
CHUBU	0.001852 0.001855 0.001855 0.001856 0.005824 0.001421 0.001421 0.001451 0.001451 0.001461 0.000840 0.000840 0.000354 0.000354 0.000354 0.000354 0.000354 0.000354 0.000354 0.000354 0.000354 0.000355 0.0000055 0.000055 0000550055	1.260933 0.205470 0.052472 0.010097 0.019341 0.003202 0.000750 0.000147 27.1836 26.1369 30.3973 27.9280
KANTO	0.008998 0.008278 0.008278 0.008278 0.00824 0.011394 0.011394 0.011394 0.012528 0.009228 0.012528 0.009228 0.012528 0.0000 0.02528 0.0000 0.02528 0.0000 0.02528 0.0000 0.02528 0.0000 0.02528 0.0000 0.02528 0.0000 0.02528 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.000000 0.000000 0.00000000	1.260933 0.019341 27.1836
TOHOKU		0.0
TOTAL HOKKAIDO TOHOKU KANT	0.00135 0.000735 0.000735 0.0002555 0.0012154 0.0012154 0.0012154 0.001655 0.001655 0.000255 0.000258 0.0000258 0.0000258 0.0000258 0.0000258 0.0000258 0.0000258 0.0000258 0.0000258 0.00000000000000000000000000000000000	0.085283 0.001207 30.9578
TOTAL	0.013451 0.0054365 0.0054365 0.005475 0.00759700000000000000000000000000000000	1.635971 0.024958 27,3639
AGE	0.05252525353525255555555555555555555555	GROSS Crude M.Age

СНИСОКИ SHIKOŘU KYUSHU	U.001164 0.000394 0.001447 U.002789 0.000521 0.001138 U.001267 0.000115 0.001138 U.001267 0.000105 0.001116 U.001955 0.000352 0.001116 U.0019156 0.001952 0.001264 0.001195 0.001952 0.001264 0.001195 0.001158 0.001959 0.001162 0.001115 0.001959 0.0011162 0.001115 0.001959 0.001126 0.0010115 0.001959 0.001126 0.001115 0.001959 0.001126 0.0010115 0.001459 0.001128 0.001159 0.001459 0.001128 0.001159 0.001459	U.043840 U.018519 U.082080 0.00054 0.000276 0.001197 32.0747 34.2872 34.7471 52.0747 94.2872 34.7471 CHUGOKU SHIKOKU KYUSHU	0.000354 0.00148 0.000208 0.00179 0.000253 0.00179 0.000253 0.00279 0.000254 0.00279 0.000254 0.00279 0.000254 0.00029 0.00175 0.00027 0.000075 0.00023 0.000075 0.00023 0.000075 0.00023 0.000075 0.00023 0.000075 0.00023 0.00005 0.00023 0.00025 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 00005 0.00005 00005 00005 00000000	
KINKI	0.0024U2 0.0011909 0.0011909 0.0013791 0.0013791 0.0013791 0.0012586 0.0012586 0.0012515 0.0012515 0.0012515 0.0012515 0.0002050 0.0000816 0.0000805 0.0000000000	0.125769 0.001841 34.2975 Kinki	0012440 00126476 00126476 00126476 0012647 001214 0011214 000120000000000	585
сниви	0.003596 0.0015658 0.0015658 0.001767 0.0015857 0.0055957 0.0055957 0.0015857 0.001689 0.001295 0.001295 0.001295 0.001285 0.0010	U.186586 U.00272U 34.5237 CHUBU	••••••••••••••••••	0
KANTO TO Kanto	••••••••	0.0 0.0 0.0 0.0 CHUBU TO	666666666666666666666666666666666666666	0
FRUM TOHOKU	0.0012659	0.133556 0.022046 32.5332 FROM	0.000551 0.001704 0.001704 0.001715 0.001775 0.001775 0.001775 0.001775 0.001775 0.001162 0.001162 0.001162 0.001162 0.001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.0001163 0.00000000000000000000000000000000000	
MIGFAIION Hokkaido	0.001718 0.000587 0.000587 0.0011085 0.0011085 0.001108582 0.0011285 0.0001125 0.000582 0.000582 0.000582 0.0005385 0.000279 0.000279 0.000279 0.0002385 0.000285 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.000279 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.0002785 0.00007785 0.0002785 0.0002785 0.0002785 0.0002785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007785 0.00007777 0.00007775 0.00007775 0.0000775 0.0000775 0.0000775 0.0000775 0.0000775 0.0000775 0.0000000000	0.040814 0.000582 35,7060 Migrafion Hokkaido	800000000000000000000000000000000000000	0
7 101 AL	0,012279 0,009227 0,009227 0,019257 0,0112358 0,012537 0,012557 0,012557 0,0125577 0,0125577 0,0125777 0,01257770 0,0125777000000000000000000000000	0,631164 0,009317 33,9859 33,9859	0,01257 0,009613 0,019756 0,019756 0,019756 0,0125865 0,0125865 0,014513 0,014513 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700 0,0125700000000000000000000000000000000000	0.014143
AGE	0.0000000000000000000000000000000000000	GROSS CRUDE M. AGE AGE	640 640 650 650 650 650 650 650 650 650 650 65	CRUDE M.AGE

AGE	MIGRATION Total Hokkaido	20	FROM R TOHOKU	KINKI TO Kanto	сниви	K LNK L	снибоки	SHIKOKU	KYUSHU
0.0555555555555555555555555555555555555	0.018780 0.000354 0.015181 0.000319 0.015181 0.000018 0.0127797 0.000082 0.017550 0.0001406 0.017550 0.000187 0.017550 0.000187 0.014328 0.0000187 0.004328 0.0000187 0.004328 0.0000187 0.004328 0.0000187 0.004328 0.0000187 0.005329 0.0000128 0.005329 0.0000128 0.00049720 0.000097 0.0004522 0.000097 0.0004972	0001334 000119 000076 000076 000195 0000125 0000125 0000125 0000122 0000122 0000122 000019 000010 000000	0.000407 0.0001524 0.0001554 0.000155 0.000155 0.000155 0.00012185 0.000057 0.000065 0.000065 0.000065 0.000065 0.000065 0.000097 0.000097 0.000097 0.000095 0.000097 0.000095 0.000097 0.000095 0.0000005 0.0000005 0.000005 0.000005 0.000005 0.000005 0.000005 0.000005 0.00005 0.000005 0.000005 0.000005 0.00005 0.000005 0.000005 0.000005 0.00005 0.000005 0.000005 0.000005 0.000005 0.000005 0.00005 0.00005 0.00005 0.000005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.000005 0.000005 0.000005 0.00005 0.000005 0.000005 0.000005 0.000005 0.00005 00005 0.00005 0.00005 0.00005 000005 00000000	U 005951 0 0045550 0 0045550 0 00452550 0 0045252 0 00552755 0 00552755 0 00527255 0 0011555 0 0001555 0 000555 0 0005555 0 00055555 0 00055555 0 00055555 0 00055555 0 00055555 0 00055555 0 00055555 0 00055555 0 00055555 0 000555555 0 00055555 0 00055555 0 000555555 0 0005555555 0 00055555555	0.00104417 0.003204 0.003204 0.003204 0.004441 0.004441 0.0044444 0.0044444 0.0044444 0.0044444 0.0044444 0.0044444 0.0044444444		0.002918 0.0012918 0.0012061 0.00129510 0.0014575 0.0014528 0.0014528 0.0011102 0.0011102 0.0010528 0.00010528 0.00010528 0.00010528 0.00010528 0.00010528 0.00010528	0.001472 0.001478 0.001859 0.00181859 0.00181859 0.0018189 0.0018189 0.0018530 0.0018537 0.00018537 0.00018537 0.00018537 0.00018537 0.00018537 0.00018537 0.000550 0.000557 0005570000000000	0.003286 0.0012015 0.0012015 0.0012015 0.001205 0.001215 0.001758 0.001758 0.000753 0.000775 0.00075 0.0000000000
GROSS CRUDE M, AGE	0.940452 0.014189 0.014050 0.000206 32.5791 33.1477	189 1206 1477	0.016607 0.000259 30.0977	0.307671 0.004543 32.8288	0.227682 U.003370 32.9331	0.0	0.141821 0.002208 30.8641	U.082612 0.0U1214 34.0847	U.149871 U.002231 32.5428
AGE	MIGRATION Total Hokkaido	zo	FROM CHL TOHOKU	CHUGOKU TO Ku kanto	CHUBU	KINKI	CHUGOKU	SHIKOKU	KYUSHU
0.5555555555555555555555555555555555555		2110000 200000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 210000 2000000		00.003094 00.003399 00.0139298 00.0141079 00.0139424 00.0113672 00.0013672 00.0013672 00.0013672 00.0013672 00.001394 00.0000000000000000000000000000000000			•••••••	0.002109 0.001357 0.0016357 0.0016936 0.0016936 0.0016926 0.001567 0.000344 0.000244 0.000244 0.000244 0.000253 0.000223 0.00023 0.00023 0.00023 0.00023 0.00023 0.00000000	
GR055 Crude M.Age	1.484772 U.0U7169 D.021695 D.0UU098 28.6827 33.8250	169 1098 1250	0.017159 0.000244 28.2279	0,350485 0.005056 29.1143	0,137213 0 0,002032 0 27,8543	0.721046 0.010708 28.2798	0.0 0.0	0.001240 27.4737	U.165678 U.UU2316 3U.6615

ктизни	0.000652 0.000652 0.000652 0.000956 0.000955 0.00012327 0.00012327 0.00012325 0.00012325 0.00012325 0.00012325 0.00012325 0.00012325 0.00012325 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.00012225 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.000125 0.00015 0.0000000000	U.U068783 U.U0089U 34.8381 KYUSHU		•
SHIKOKU	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0 0.0 0.0 8H1K0KU	0.0001589 0.0001589 0.0001589 0.0001589 0.0001589 0.0001599 0.0001599 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0001520 0.0000000000000000000000000000000000	
CHUGOKU	0.002524 0.002524 0.002524 0.002524 0.0026025 0.0026025 0.00208455 0.0012454 0.0012425 0.0012615000000000000000000000000000000000	0,2067U7 0,002893 29,4004 CHUGDKU		
KINKI	0.001735 0.0015255 0.0015255 0.001691 0.0152879 0.0125879 0.0143324 0.00143324 0.00143324 0.00143324 0.00143324 0.00143324 0.00143324 0.00143324 0.0025559 0.0022559 0.0022559 0.0022559 0.0022555	1.032057 0.015196 27.9371 81.4KI		
CHUBU	0.001760 0.001760 0.000577 0.010957 0.010957 0.010957 0.000787 0.00057877000000000000000000000000000000	U.1754U6 U.0025555 27.3314 CHUBU		
SHIKOKU TO Ku kanto	0.002786 0.001794 0.001794 0.001794 0.011794 0.0118625 0.0101265 0.011265 0.0101265 0.011265 0.0101265 0.0101265 0.0101265 0.0101265 0.0001757 0.0000000000000000000000000000000000	7 0.331535 7 0.004919 6 27.2271 KYUSHU TO U KANTO	0.00566 0.005666 0.0014696 0.0014696 0.0014614 0.0016414 0.0016407 0.002516 0.002515 0.002515 0.002515 0.002515 0.002515 0.0016467 0.001647 0.00000000000000000000000000000000000	
FROM SHI TOHOKU		0.01123 0.00015 28.471 28.471 FROM		
MIGRATION Hokkaido		U.0009363 U.U00136 23.8422 MIGRATION HOKKAIDO		
101AL	0.0112032 0.012032 0.012032 0.012032 0.012032 0.012032 0.012332 0.0012332 0.001200000000000000000000000000000000	1.835968 0.026746 28,1568 7018L	0.01956 0.01686 0.0101886 0.0101886 0.0101896 0.0101895 0.0125580 0.0125580 0.0125580 0.0185485 0.018880 0.018880 0.014505 0.014505 0.014505 0.014505 0.014505 0.014505 0.014505 0.014505 0.014505 0.014505 0.012528 0.014505 0.012528 0.012588 0.012588 0.0125	
AGE	0.0555555555555555555555555555555555555	GROSS CRUDE M. AGE AGE	3 C G 5	

Appendix C

SELECTED MULTIREGIONAL LIFE TABLE RESULTS

APPENDIX C

Expectation of life by place of birth: males.

INITIAL REGION OF COHORT HOKKAIDO		
F COHORT	*******	
REGION O	*******	
INITIAL	******	
AGE	:	

	TOTAL	HOKKAIDO	TOHOKU	KANTO	сниви	K I NK I	СНИБОКИ	SHIKOKU	KYUSHU
0	69.49703	27,06645	3.54750	23.69565	6.95165	4.94270	1.25734	0.46589	1.56985
Ś	65.97362		3.59807	24.09937		5.03036	1.27879	0.47334	1.58689
6	61.16U37		3.52754	23.82331		46786 7	1.26578	0.4663U	1.53630
15	56.28600		3.40893	23.34215		4.90724	1.24396	0.45386	1.45575
20	51.57000		3.27396	22.35151		4.77697	1.22120	0.44332	1.38574
52	46.89374		3.11347	20.59199		4,53203	1.18487	0,43148	1.32446
30	42.20514		2.90823	18.>2963		4.19306	1.12012	0.40917	1.23939
ŝ	37.53632		2,66522	16.46621		3.80849	1.03202	0.37682	1.12622
0,4	32.95711	5.73148	2.39535	14.44938		3.40334	0.93123	0.33837	U.99652
45	28.47877		2.10029	12.48616		2.98659	0.82310	0.29665	0.86022
50	24.10968		1.78419	10.58149		2.56341	0.71029	0.25395	0.72535
55	19.95235		1.46302	8.77587		2.14718	0.59752	0.212/5	0.59964
90	16.11398		1.16103	7.10482		1.75245	0.49051	0.17455	0.48693
65	12.66446		0.89429	5.543/2		1.38914	0,39317	0.14010	0.58823
20	9.73281		0.67317	4,30141		1.07550	0.30981	0.11072	0.30588
2	7.32928		0.49672	3.23634		0.81610	0.24110	0.08655	0.23918
80	5.49292		0.36375	2.43225		0.61277	0.18854	0,06740	0.18855
85	4.16436		0.27082	1.88295	U.65186	0.45453	0.14949	0,05215	0,15195
ÂĜE		INTIAL REGION OF COHORT	1 20402 30	TOHOKI	=				

AGE INITIAL REGION OF COHORT TOHOKU

KYUSHU	1.12403	1.14371	1.12889	1.10691	1.08877	1.06078	1.00328	17719.0	0.81737	U./1084	0.60395	0.50267	0.41056	0.32952	0.26159	0.20638	U.16488	0.13513
SHIKOKU	0.38995	0.39/15	0,39315	0.38675	0,38188	0.37428	0.35725	0,33077	0.29838	0.26263	0.22555	0,18938	0.15553	0.12500	0.09896	0.07756	0.06071	0,04713
CHUGOKU	1.08789	1,10952	1.10152	1.08844	1.07675	1, U5219	1.00028	0.92481	0.83611	0.73977	0.63895	0.53824	545440	0.35555	0.28126	0.21999	0.17348	0.15868
KINKI	3.80637	3.88853	3.87759	3.85448	3.80645	3.66655	5.43283	3,14414	2.82762	2.49336	2.14864	1.80597	1.47781	1,17532	0.91369	U.69683	U.52773	U.39516
CHUBU	6,06367	6.18054	6.12747	6.04346	5,90366	5.64058	5.26881	4.81848	4.32774	5.81208	3,28251	2.75915	2.25975	1,80036	1.40248	1.07029	0.81309	0.61685
KANTO	27,04445	27.57116	27,55860	27.02386	25.43647	23.14245	21.2569U	18.81647	16.46591	14.19986	12.01989	9.46408	8, U5876	6.33952	4.87143	3.66232	2.15357	2.12146
TOHOKU								6.86207										
НОККАІРО	2.22232	2.25931	2,22882	2,18803	2,12293	2.00535	1.84738	1.66615	1,47680	1.28488	1.09360	0.90819	0.73308	0.57359	U.43754	0.32664	0.24166	0.17617
TOTAL	64,34449	65.92303	61.09376	56.2U886	51.52051	46.84202	42.15319	37.48060	32.90072	28.41648	24.04516	19.88979	16.04551	12.60310	9.68404	7.29245	5.4/993	4.16923
	D	~	9	15	20	2	30	5	0.4	45	20	5	09	65	20	2	80	85

AGE INITIAL REGION OF COMORT KANTO

ктизни	1.57276	1.53890	1.41348 1.55107 1.25107	1.13946	0.87002	0.60910	U.39553 U.31224	0.24482 U.19431	0.15765
SH1K0KU	0.53258	0.52088	0.48785	0.41229	0.32397	0.23169	0.15154	0.07214	0,05547
CHUGOKU	1.50694	1.49982	1.41955	1.18327	0.93651	0.67585	0.44324 0.349U2	0.27159	0.16878
K I NK I	5.UU988 5.U8587	5.01774	4.54830 4.54830	5.84367	3.01675	2,16590 1,76536	1.39864	U.82U98 0.61793	0.45765
сниви	6.13415 6.21959	6.12414 >.97666	5.80619 5.556U9 5.19441	4,75045	5.74928	2.21179	1.76017	1,04234 U.79U23	20792,0
KANTO	50.UU975 46.13626	41.65172	33.12693 29.20731 25.44770	22.41163	16.57229	11.44580	7.19404 5.5U279	4.11520 3.U7594	2,54580
10H0KU			3.46094						
HOKKAIDO	1.29739	1.29584	1.23067 1.17072 1.08666	0.98225	0.65012	0.54094 0.43747	0.34310	0.19645 0.14614	0.10744
TOTAL	69.76816 66.15351	61.32538 36.44454	51.72614 47.00110 42.29145	57.60360	28.51637	19.96604 16.11167	12.65851 9.72228	7.31814 5.50040	4.17884
	<u>ه</u> د	22	222	550	5 4 S	5 60	\$ 20 20	75 80	85

:	***	*******************************	*****		•				
	TOTAL	HOKKAIDO	TOHOKU	KANTO	сниви	K I NK I	CHUGOKU	SHIKOKU	ктизни
0	69.76033		2.24735		\$9.23804	7.61880	1.51573	0.57625	1,51554
Ś	66.20062		2.28438		35,17502	7.74384	1,53911	0.58474	1.53107
9	61.38507	0.89577	2.26263	16.3U312	30.67529	7.66246	1,51900	0.57486	1.49194
5	56.50775		2.22846		26.30659	7.55183	1.48793	0.55883	1.43577
20	51.80030		2.19022		22.58633	7.26843	1.45588	0.54438	1,38113
ŝ	47.10471		2.12429		19.75718	6.77391	1.40021	0.52586	1.51719
ŝ	42.40552		2.01663		17.41623	6.16685	1.31528	0.49546	1.22405
35	\$7.71862		1.87445	11.60141	15,258/0	5.53184	1.20568	0.45448	1.10505
9	33.12877		1.70587	10.20504	13.24966	4.89382	1.08501	0.40696	0.97459
£3	28.62683		1.51106	8.82752	11.34836	4.25625	0.95224	0.35582	0.84092
50	24.22761		1.29352	7.48502	9.53632	5.62443	0.81777	0.30566	0.71002
55	20,05005		1,06615	6.21011	1.84793	5.01693	0.68613	0.25357	0.58835
90	16.18391		0.84756	5.02454		2.44843	0.562U9	0.20706	0.47845
65	12.70665		0.65192	3.45085		1,93120	0.44933	0,16497	0.58120
2	9.75691		0.48918	3.05428		1.48920	0.353U3	0,12919	0.29971
22	7.32658		0.35924	2.27655	2,82073	1.12403	0.27350	0,09985	0.23343
80	5.47517	0.10375	0.26206	1.70881	~	0.84092	0.21325	0.07694	0.18349
85	4.10261	0	0.19352	1.51760	1.52109	0.61990	0.16811	0.05864	0.14688

INITIAL REGION OF COHORT KINKI A G E

KYUSHU	2,52137 2,52842 2,52842 2,122462 2,122462 1,129818 1,129818 1,29898 1,298988 0,559555 0,5595555 0,559555555555555555
SHIKOKU	1.267U2 1.267U2 1.267U2 1.17072 1.17072 0.98955 0.989555 0.79660 0.598U3 0.598U3 0.598U3 0.598U3 0.598U3 0.598U3 0.598U3 0.51015 0.5105 0.52600 0.11052 0.1105
CHUGOKU	3,12568 3,12568 5,14418 2,94824 2,94825 2,59285 2,59285 1,272555 1,27255 1,27255 1,27255 1,27255 1,27255 1,27255 1,27255 1,27255 1,27255 1,275555 1,275555 1,275555 1,275555 1,275555 1,275555 1,275555 1,275555 1,2755555 1,27555555 1,275555555 1,2755555555 1,27555555555555555555555555555555555555
KINKI	40.97113 56.92320 28.40192 28.401928 28.401928 28.401978 21.40182 11.90187 11.90187 11.90187 11.91875 5.51775 5.51775 5.51775 5.51775 5.51775 5.51775 5.51775 5.51775 5.51775 5.51775 5.51775 5.51755 5.51755 5.5175555 5.5175555555555
сниви	7.50340 7.59410 7.59410 7.58440 7.28440 7.28440 5.064914 5.064914 5.064914 5.06191 5.06161 5.06161 7.59787 7.20085 0.07855 0.07855
KANTO	12.5494 12.11429 12.51429 12.51935 12.55056 92.50556 92.50556 92.50556 92.50556 92.50556 92.50556 92.20557 72.12881 72.19575 42.09350 42.7316 12.81257 11.41261 52.61351 12.81257 11.05315 12.0315
ТОНОКИ	1.52501 1.54842 1.514842 1.51745 1.401587 1.401587 1.20678 1.20670 1.20670 0.72647 0.72647 0.72647 0.72647 0.72647 0.55269 0.55269 0.158910 0.158910
НОККАТЬО	0.06178 0.05125 0.05125 0.051381 0.051381 0.053817 0.053817 0.053817 0.053817 0.053817 0.053817 0.053817 0.053817 0.15857 0.167910 0.18745 0.18745 0.187457 0.187577 0.187577 0.187577 0.187577 0.1875777 0.1875777 0.187577777777777777777777777777777777777
TOTAL	69.92479 66.20519 66.20519 59.501519 51.70517 51.70517 51.70517 51.70517 51.70517 51.70517 51.70517 51.70517 51.70517 51.60517 51.70517 51
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

INITIAL REGION OF COMORT CHUGOKU A 6 E

KYUSHU	2,74080	2.76701	2,68354	2,26093	2.40672	2,22014	2,01500	1.79016	1.56024	1.53442	1,11885	0.92101	0.74422	0.58823	0.45819	0.35267	U.27239	0.21296	
SHIKOKU	1.47123	1.48084	1.42223	1.33763	1.25/31	1,17915	1.08625	0.97698	0.85949	0.74024	0.62421	0.51641	0.41864	0,33080	0.25663	0,19600	0,14835	0.11045	
CHUGOKU	27.97269	23.75542	19.40913	15.27598	12.09029	10.17077	8.819U5	7.64613	6.58938	5.61263	4.69920	3.85920	3.10521	2.44089	1.88627	1.43251	1.08610	0.84350	
KINKI	15.47871	13.71036	13.56343	13, 32044	12.74148	11.66938	10.45994	9.27502	8.13580	7,03079	5,95953	4.94251	4.00058	3.14388	2.41223	1.80712	1.33337	0.96229	
CHUBU	6.65391	6.77464	6.71971	6.62638	6.45262	6.12253	5.68069	5.16699	4.62134	4,05660	3.48191	2,91668	2.38098	1.88715	1.46046	1.10264	U.82356	0.61110	
KANTO	14.83801	15.11128	15.00067	14,80825	14.52867	13. 52119	12.06567	10./6774	9.47555	8.20162	6.45156	5.77217	4.67051	3.00780	2.81005	2,04425	1.56082	1.18746	
ТОНОКИ	1.70920	1.74203	1.73167	1.71132	1.69065	1.64904	1.57303	1.46817	1.34061	1.19090	1.02158	0.84234	0.66970	0.51499	0.38622	0.28306	0.20518	0.15025	
HOKKAIDO	0.70013	0.71444	0.71289	0.70878	0,69851	0.66975	0.62385	0.56785	0.50705	0.44391	0.37986	0.31689	0.25702	0.20180	0.15443	0.11549	0.08546	0.06276	
TOTAL	69.56469	66.05602	61.24327	56.34972	51.66625	47.00194	42.52349	\$7.65905	33.08946	28.61111	24.24269	20.08719	16.24686	12.77561	9.82448	7.38875	5.51523	4.12077	
	c	~	2	:	20	\$	30	35	0,4	45	50	55	90	65	02	22	80	85	

AGE INITIAL REGION OF COHORT SHIKOKU

KYUSHU	1,95016	1.48333	1.95424	1.91004	1.84458	1.74300	1.60948	1.44623	1.27153	1.09563	0.92460	0.76570	0.62212	0.49467	U.38812	0, 30103	0.23441	0.18656
SHIKOKU	22.81567	18.50386	14,12390	9.96042	7.02082	5.63006	4.77223	4.05892	3.43237	2.87045	2.36176	1.91092	1.51783	1.17857	0.90079	0.67645	0.50091	0,36318
CHUGOKU	4.06191	4.11114	4.00621	3,85682	3.6>328	3.39227	3.10463	2.79113	2.47089	2.14875	1.82435	1.52346	1.239/2	0.98386	0.76759	0.58895	0.451/5	0,35063
KINKI	17.06866	17.37755	17.18258	16.87920	16.04433	14.53081	12.92713	11.40267	9.96292	8.58183	7.25288	6,00104	4.84641	3.8U240	2.91615	2.18265	1.60675	1.16263
сниви	7.25169	7.39938	7.35725	7.28115	7.08848	6,70449	6.20925	5.64U57	5.04060	4.42109	3.79149	3,17411	2,58912	2,05142	1.58885	1,20036	U.89651	U .6 6961
KANTO	13.89736	14,19394	14.14999	14.05344	13.656U5	12.12271	11.54322	10.51484	9.09018	7.87826	6.68984	5.35550	4.49779	3.53499	2.71294	2,02994	1.51088	1,15883
TOHOKU	1.56709	1.60198	1.59963	1.59189	1.58400	1.55440	1.48961	1.39523	1.27828	1.13900	0.97955	0.80942	0.64439	0.49612	0.37280	0.27374	0.19869	0.14671
HOKKAIDO	0.72348	1,73917	0.73507	0.72566	0.70882	0.67505	0.62705	0.57013	U.50905	0.44562	0.38111	0.31772	0.25749	0.20220	0.15499	0.11611	0.08601	0.06367
TOTAL	69.33603	65.91035	61.1U886	56.25914	51.60035	46.93280	42.28259	57910.72	33.05581	28.58065	24.21058	20.05786	16.21487	12.74423	9.80223	7.36923	5.48590	4.10182
	0	~	2	15	20	25	30	5	0,4	45	50	55	90	\$	20	22	80	85

AGE INITIAL REGION OF COHORT KYUSHU

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	TOTAL	HOKKAIDO	TOHOKU	KANTO	сниви	KINKI	CHUGOKU	SHIKOKU	KYUSHU
5	69.41501	0.87968	1.89698		8,86096	12.85845	3.25857	0.81189	23.05646
5	65.94971		1.93795		9.02812	13.08871	3,30162	0.82587	18.77411
2	61.19756		1.93195		8.93772	12.92274	3.22195	0.81307	14.47405
:	56.32219	0.86795	1.91776	17.17944	8,77726	12,64828	3.10669	0.79209	10.43273
20	51.61548		1.90546	17.14538	8.46098	12.06855	2.965U1	0.77166	7.45513
22	46.94822		1.86467	15.85805	1.93248	11,06674	2.78395	0.74351	5.89285
30	42.27321		1.78320	14.50232	7.29769	94304	2.56611	0.69745	4,93506
35	57.60895		1.66643	12.12414		8.83478	2.31769	0.65653	4.15147
0,	53.03522		1.52288	11.17194		7.76109	2.05805	0.56752	5.474.29
45	28.55591		1.35392	9.65490		6.71534	1.79469	0.49487	2,87671
50	24.18239		1.16215	8.17966		5.69515	1.53158	0.42182	2.34705
55	20.02799		0.95907			4.72342	1.27819	0.35215	1,88851
90	16.18479		0.76303			3.82105	1.04226	0.28760	1.49655
65	12.72106		0.58754			3,00349	0.82928	0,22900	1,16409
20	9.78251		0.44160			2.30727	0.64855	11421.0	0.89450
22	7.35746		0.32459			1.75144	27669.0	0.13823	0.67884
980	5.498U8	0	0.23643			1.28157	0.38522	0.10609	0.51597
85	4.12392	0.07443	0.17444	1.40880	0.76277	U.92923	0.29968	0.08067	0,59390

Expectation of life by place of birth: females.

INITIAL REGION OF COMORT MOKKAIDO A6E

KYUSHU	1.77179 1.76109 1.76109 1.761199 1.6651905 1.6651915 1.665195 1.665195 1.665195 1.66509 0.792620 0.792620 0.56240 0.56240 0.56240 0.56240 0.56240 0.56240 0.5525 0.15600 0.255215 0.16000 0.255215 0.255200000000000000000000000000000000
SHIKOKU	
CHUGOKU	0.97089 0.972842 0.98242 0.95799 0.95799 0.957992 0.957992 0.73809 0.73809 0.749912 0.73809 0.27290 0.272912 0.27290 0.27200 0.272900 0.27200000000000000000000000000000000
KINKI	4,47280 4,52630 4,52630 4,52630 4,22030 4,260349 4,2700 4,2704 4,220398 3,13289 3,13289 3,13289 3,13289 1,140398 1,40398 1,40392 0,61772 0,61772 0,61772 0,61772 0,61772
сниви	7.75459 7.85183 7.85183 7.85183 7.55879 7.252879 7.252879 6.23655 6.23655 6.23658 6.236870 5.11333 5.11333 5.11333 5.11333 7.258870 7.258882 7.22587 7.22587 7.25577 7.255777 7.2557777777777777777
K AN T O	22.02321 22.55040 22.55040 22.55040 21.41814 19.25976 19.25977 9.35977 5.77539 5.77539 5.612463 5.77539 5.77539 5.612463 5.77539 5.612463 5.612463 5.612463 5.612463 5.612463
TOHOKU	2.99261 3.001265 2.991265 2.901265 2.201265 2.201257 1.51855 1.52025 1.51855 1.51855 1.51855 1.51855 1.51855 1.51855 1.55022 1.56922 0.68135 0.59155 0.591555 0.591555 0.591555 0.591555 0.591555 0.591555 0.591555 0.591555 0.591555 0.591555 0.5915550 0.5915550 0.59155500000000000000000000000000000000
ноккатоо	54, 29776 257 (95071 257 (95071 259 (95071 259 (95071 15, 91494 113, 75245 269 (359 (950 269 (350 269 (350 269 (350 269 (350 269 (350 269 (350 260 (1110 1, 451 (950 260 (1110 260 (1110) 200 (1110 200 (1110) 200 (1110 200 (1110) 200 (1110 200 (1110) 200 (1110) 200 (1110 200 (1110) 200 (110) 200
TOTAL	74.73938 70.90381 61.11294 61.11294 61.11294 61.11294 51.6.23914 51.6.62145 61.6.62145 71.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10477 51.10472 51.104755555555555555555555555555555555555
	0,0000000000000000000000000000000000000

INITIAL REGION OF COHORT TOMOKU 49E

TOTAL	HOKKAIDO	10H0KU	KANTO	снџви	K I NK I	CHUGOKU	SH IKOKU	k YUSHU
29.		32,38027		6.38517	3.28878	0.83954	0.35640	1.22181
10		28,09154		6.47958	3,34100	0.85236	0.36165	1.23850
ŝ		23.56983		6.42970	3.32404	0.84626	0.35897	1.22491
14.7		19.19069		6.34884	3,29530	0.83620	0.35427	1.20418
225		15.74282		6.13364	3.24086	0.82534	U.34957	1.18370
145		13.58174		5.76117	3,12531	0.80764	0.34187	1.15214
306	1.21893	11.98162	22.97440	5.33225	2.94218	0.77286	0.32652	1.09429
081		10.56226		4.85980	2.71154	0.72022	0.30415	1.01360
202		9.22032		4.36398	2.45683	0.65637	0.27719	0.91974
559		7.93905		3.85787	2.18995	0.58631	0.24781	0.81981
156		6.71857		3.35027	1.91759	0.51400	0.21726	0.71822
414		5.56727		2.84864	1.64382	0.44225	0.18667	0.61790
693		4.49789		2.36221	1.37470	0.37221	0.15695	0.52078
266		3.52058		1.89920	1.11559	0.30453	0.12879	0.42801
027		2.65734		1.47605	0.87553	0.24174	0.10281	0.34182
234		1.92820		1.10975	0.66528	0.18668	42620.0	0.26592
6.39060		1.35912		0.81813	0.49668	0.14257	0,06110	0.20544
048		0.94676		0.60285	0.37105	0.10973	0.04750	0.16165

KANTO	*******
COHORI	
INITIAL REGION OF COMORT	*********
INITIAL	
AGE	•••

KYUSHU	1.87453	1.88611	1.84277	1.78006	1.71658	1.64348	1.54206	1.41638	1.27726	1.13300	0.98847	0.84714	0.71125	0.58195	0.46238	0.35716	0.27334	0.21226
SHIKOKU	0.54456	0.54812	0.53678	0.52061	0.50521	0.48758	0.46108	0.42639	0,38644	0.34416	0.30076	0.25747	0.21560	0.17611	0.13985	0.10768	0.08171	0.06267
CHUGOKU	1.37557	1,38393	1,35190	1.30503	1.25762	1.20826	1.14122	1.05410	0.95461	0.84866	0.74087	0.63465	U.5316U	0.43275	0.34166	0.26190	0.19807	0.15034
K I NK I	4.65962	4.70254	4,63178	4.52430	4,38269	4.17982	3.90705	3.58305	3,23286	2,87049	2.50386	2,13856	1.78197	1.44043	1.12534	0.84959	0.62863	0.46354
СНИВИ	5.63330	5.67698	5.57144	5.41462	5.22681	4.98893	4.67666	4,29846	3,88291	3.44900	3.00779	2,56820	2.13925	1,72835	1.34925	1,01684	0.75023	0.55267
KAN10	56.95643	52.94113	48.42577	44.03085	39.75088	35.65467	31.85344	28.29138	24.90235	21.65564	18.53027	15.52485	12.67273	10.01383	7.64004	5.62467	4.04448	2.88367
TOHOKU	2.97136	2.98573	2.90768	2.79798	2.69055	2.57017	2.40498	2,20192	1.97692	1.74283	1.50702	1.27557	1.05331	0.84325	0.65066	0.48203	0.34730	U.249US
HOKKAIDO	0.95306	0.95924	0.93791	0.90662	0.87254	0,82990	0.77129	0.70168	0.62689	0.55027	0.47468	0.40191	_	-	_	0.15860	0.11825	0.08966
TOTAL	74.96841	71,08379	66.20604	61.28006	56.40288	51.56282	46.75778	41.97336	37.24025	32.59405	28.05373	23.64835	19.43874	15.48542	11.91921	8,85848	6.44200	4.66387
	0	~	9	:	20	22	50	3	04	÷5	20	22	60	65	20	22	80	85

AGE INITIAL REGION OF COHORT CHUBU

KYUSHU

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	TOTAL	H0KKA100	TOHOKU	K AN TO	сниво	K I NK I	CHUGOKU	SHIKOKU	KYU
0	74.87516		1.48973	14.52202	40.45004	7.94238	1.37659	0.60586	1.90
~	71.03989	5	1.50579	14.68886	42,31521	8,02980	1.39024	0.61123	1.01
2	66.16129		1.48405	14.53331	37.79367	7.93414	1.36909	0.60092	1.87
5	61,24412		1.44764	14.29451	33.41311	7.79020	1.33753	0.58610	1.82
2 0	56.37027			13.83991	29.41337	7.53842	1.30258	0.57093	1.76
25	51,55068			13.05113		7.09788	1.25535	0.55159	1.68
2	46.75114		1.27741	12.03848		6.52708	1.18330	0.52190	1.56
35	41.97040		1.17777	10.92116		5.91073	1.09121	0.48294	1.43
9	37.24029		1.06374	9.76965		5.28199	0.96776	0.43770	1.28
\$	32.59409		0.94093	8.61187	15.64044	4.65481	0.87805	0.38939	1.13
20	28.05310	0.29663	0.81530	7.46168	13.35182	4.03507	0.76641	0,33980	96.0
55	23.66132		0.69199	6.33250	11,16733	3.42874	0.65653	0.29065	0.84
09	19.44996		0.57269	5.23406	9.09898	2.84008	0.54936	0.24284	0.70
65	15.50145		0.45948	4.19004	7,18592	2.28051	0.44681	0.19766	0.57
2	11.92414		0.35476	3,23388	5.47721	1.76645	0.35199	0.15612	0.45
22	8.86713		0.26328	2.41074	4.03379	1.32305	0.26949	0.11978	0.34
80	6.43131		0.18931	1.75303	2.89114	0.96701	U.20277	0,09032	0.26
85	4.65747	0.05788	0.13584	1.27589	2.05858	0.70487	0.15342	0.06907	0.20

1,90665 1,82422 1,82422 1,82422 1,8242 1,5673 1,56773 1,56773 1,55733 1,55733 1,55733 1,55733 1,55733 1,55733 1,55733 1,55733 1,55673

KINKI KINKI	÷
OF COHORI	*******
REGION 01	÷.
INITIAL	
AGE	:

KYUSHU	3.U225U 5.U225U 2.01015 2.01015 2.01015 2.01015 2.05444 2.054145 2.054444 2.054145 1.05018 1.05018 1.05018 1.05018 1.05045 1.0
SHIKOKU	1.68046 1.60746 1.60746 1.49987 1.499879 1.577999 1.277999 1.277999 1.277999 1.277999 1.277999 1.277999 1.277999 1.277919 1.277919 1.577919 1.577919 1.577919 1.57781
снибоки	3,33755 5,35794 5,157999 5,151999 5,151999 5,151999 2,2151918 2,215283 2,215283 1,662149 1,662149 1,662149 1,55758 0,51923 0,5
KINKI	48.22138 44.11447 54.11447 55.05994 55.05994 55.05994 51.05976 114.22105 119.22105 119.2105 119.25107 114.22107 114.22107 114.22107 5105947 5.05907 5.05107 5.05110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.053110 5.05311000000000000000000000000000000000
сниви	6.66782 6.66787 6.66787 6.66787 6.564957 6.564957 6.54887 5.48857 5.48857 5.44887 5.44887 5.449370 5.46309 5.46309 7.245133 7.55133 7.55135 7.551555555555555555555555555555555555
KANTO	10.8552 10.5573 10.5174 10.5174 10.5174 10.5174 10.1577 10.1577 10.1577 10.1577 10.1575 10.1507 10.1525 10.1525 10.1525 10.1507 10.150
10H0KU	0.87827 0.88628 0.88628 0.85460 0.85460 0.83240 0.83240 0.7356 0.7356 0.55376 0.55376 0.55376 0.55376 0.55376 0.55536 0.55675 0.25645 0.25765 0.257555 0.257555 0.257555 0.257555 0.257555 0.257555 0.257555 0.2575555 0.25755555 0.25755555555555555555555555555555555555
НОККАІВО	0.46500 0.46500 0.46500 0.465404 0.454404 0.454404 0.45444 0.45444 0.116757 0.116757 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.11684 0.1684 0.168875 0.168875 0.168875 0.168875 0.168875 0.168875 0.168875 0.1
TOTAL	74.99929 71.09510 61.22410 61.22417 55.39779 55.39779 55.39779 51.57779 51.2779 51.2779 51.2779 51.2779 51.2779 51.27999 51.27999 51.27999 51.27999 52.28817 52.29990 51.299595 119.55056 119.55056 12.004000 8.93524 6.67403
	0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *

INITIAL REGION OF COHORT CHUGOKU A66

K Y USHU	3.22566 3.24260 3.24260 3.03487 3.03487 3.03487 2.94175 2.03124 2.03124 1.1557 1.1557 1.1557 1.1557 1.1557 1.1557 0.72124 0.722124 0.51076 0.50076 0.5
силожи	1.77735 1.77735 1.78129 1.64114 1.64114 1.55267 1.15526 1.15505 1.12505 0.89999 0.89999 0.89999 0.89599 0.89595 0.285577 0.285577 0.285577 0.285577 0.285577 0.285577 0.2855777 0.285577777777777777777777777777777777777
CHUGOKU	34.95939 30.68820 22.121549 22.121549 22.121549 116.12152 94.5687 9.459687 9.459687 9.459687 9.459687 9.459687 9.459687 11.24933 5.448933 5.448933 5.448933 1.24016 3.33704 3.34704 3.34700000000000000000000000000000000000
K I WK I	16.4571 16.659938 16.659938 16.6599524 115.05483 14.66309 15.05483 14.65309 10.25715 10.25705 10.25918 5.45318 5.45112 5.45112 5.45112 5.45112 5.45516
сниви	5.38869 5.45456 5.45456 5.454798 5.18798 4.01107 4.01107 3.879569 3.37762 3.47262 3.47262 3.47262 3.47262 3.47262 3.47262 3.47262 3.47762 3.577762 3.577762 3.577762 3.5777777777777777777777777777777777777
KANTO	11.92916 112.06423 11.72115 11.72115 11.72515 11.72562 10.731967 6.1113662 7.13862 6.111362 7.13862 7.13862 7.13862 6.111362 7.13862 7
TOHOKU	0.93156 0.94087 0.94087 0.90674 0.881905 0.81905 0.81905 0.81905 0.81955 0.61528 0.61528 0.61528 0.61528 0.53558 0.53558 0.23558 0.23558 0.23558 0.23558 0.23558 0.23558 0.23558 0.23558 0.23558 0.25588 0.25588 0.25588 0.25588 0.25588
HOKKAIDO	0,35551 0,35598 0,35598 0,35595 0,35457 0,35457 0,35457 0,35457 0,35457 0,35457 0,25457 0,117710 0,117710 0,117710 0,017157 0,017157 0,01722 0,01722 0,01722 0,01722
TOTAL	75.01444 71.17693 60.30058 60.30058 60.30058 55.699999 55.69999 57.211706 57.21106 57.21006 57.21006 57.21006
	0、010,000,00,00,00,000 0,000,00,00,00,00,000 0,000,00,

INITIAL REGION OF COHORT SHIKOKU 4 G E

KYUSHU	2.15907	2,18509	2.15266	2,10651	2.05541	1.98169	1,86416	1.71358	1.54672	1.37383	1.19964	1,02867	0.86293	0.70501	0.55795	0.42893	0.32492	0.24913
SHIKOKU	29.56221	25.27508	20.86102	16.64667	13.34189	11.30320	9.86562	8.64764	7.52805	6.47949	5.487U2	4.55620	3.69189	2,90660	2.21650	1,63838	1.18421	0.85634
снибоки	4.12226	10101.1	4.07255	5.93842	3.76331	3.53545	3.26349	2,96488	2.65353	2.33748	2.02310	1.71775	1.42426	1.14776	0.89570	0.67810	0.50337	0.37326
K I NK I	20,14050	20.42952	20.23657	19.94525	19.12050	17.59731	15.87166	14.17573	12.54217	10.96439	9.43342	7.95615	6.53803	5.20137	3.98569	2.94663	2.11808	1.50390
снияи	6.02106	-	-											-			-	0.56148
KANTO	11, 37321	11. 55232	11.48246	11.36778	11.06294	10.46407	9.67775	8.79931	7.88705	6.96320	6.03872	5,12840	4.24155	3, 39612	2.61961	1,94903	1.41230	1.01990
1 0HOK U	0.84552	0.65888	0.85217	0.84053	0.82812	0.80831	0.77098	0.71687	0.65176	0.58008	0.50537	0.43107	0.35856	0.28929	0.22452	0.16718	0.12035	0,086U2
HOKKAIDO	0.42475	0.424.0	0.42138	0.41064	0.39897	0.38334	0.35983	0.32980	0.29583	0.26037	0.22500	0.19096	0.15865	0.12861	0.10091	0.07642	0.05683	0.04294
TOTAL	74.64857	18000.17	66.14111	61.23563	56.36830	51.56277	46.78349	42.02260	37.31390	32.68571	28.15152	23.76683	19,56381	15.61450	12.02677	8.95074	6.49570	4.69297
	0,	•	10	15	20	2	30	35	7	\$	20	33	90	6 5	2	2	80	85

INITIAL REGION OF COMORT KYUSHU

AGE

					•				
	LOTAL	HOKKAIDO	10H0KU	KANTO	CHUBU	KINKI	снибоки	SHIKOKU	KYUSHU
0	74.72233		1.11678	16.08894	9.57522	14.83692	3.36658	0.92483	28.22254
5	70.99787		1.13201	16.30523	9.70548	15.02556	3.39213	0.93332	23.90903
2	66.12665		1.12143	16.15025	9.60696	14.84911	3,30906	0.91456	19.59535
13	61.21665	0.55861	1.10443	15.90596	9.43800	14.56903	3,19002	0.88797	15.56263
20	56.35567		1.08685	15.37107	9.03317	13.94414	3.04219	0.86116	12.47939
2	51.54699		1.05958	14.41537	8.38729	12.88105	2.86163	0.82861	10.59991
2	46.76228		1.00870	13.23637	7.69301	11.67761	2.64900	0.78112	9.23687
33	41.99333		0.93627	11.97122	6.96695	10.47226	2.41154	0.72114	8.07627
9	37.27872		0.85004	10.68531	6.22493	9.29272	2.16209	0.65318	7.01874
\$	32.64532		0.75571	9.40118	5.47766	8.14016	1.90765	0,58093	6.03784
20	28,12123		0.65818	8,13243	4.73579	7.01660	1.65426	0.50696	5.11981
\$	23.73536		0.56122	6.88799	4,00856	5,92440	1.40661	0.43342	4.20122
9	19.53883		0.46681	5,68340	3,30681	4.87541	1.16817	0.36206	3.46717
65	15,58989		0.37624	4.53744	2.64204	3.88468	0.94231	0.29431	2.74407
20	12,00968		0.29171	3.49095	2.03577	2,98462	0.73628	0.23194	2,10658
22	8,94534		0.21714	2.59134	1.51399	2.21492	0.55840	0.17730	1.57276
80	6.49861		0.15634	1.87189	1.09485	1.59932	0.41522	0.13291	1,15434
85	4.69610		0.11178	1.34365	0.78500	1.14155	0.30814	0.10043	0.85008

Expectation of life by place of residence: males.

REGION OF RESIDENCE AT AGE X HOKKAIDO AGE

KYUSHU KYUSHU 1.55985 1.55985 1.55955 1.5697 1.26156 1.26156 1.26156 1.26156 1.26156 1.26156 0.27155 0.27155 0.214460 0.11375 0.01356 0.015666 0.015666 0.015666 0.015666 0.01566 0.01566 0	0,00490 KYUSHU
SHIKOKU SHIKOKU 0.457289 0.457280 0.457290 0.451280 0.451280 0.241280 0.241280 0.241280 0.211409 0.011409 0.011409 0.011409 0.011409 0.011409 0.011409	0.00378 Shikoku
CHUGOKU 1.25734 1.27421 1.27421 0.28817 0.25658 0.126658 0.127652 0.127762 0.127652 0.127762 0.12777777777777777777777777777777777777	0,00043 CHUGOKU
KINKI KINKI 4.94570 4.916270 4.916270 4.92855 1.92855 1.92855 1.92855 1.95656 0.138659 0.038617 0.0138573 0.0138573 0.012891 0.012891 0.012891	U.U1237 Kinki
	570 0,04755 TOHOKU ********
~~~~~	570 *** NTO
	0.02829 Ence at a A+++++++ Tohoku
I NANFANANANTEE	1/469 5.87146 0.02829 0.40 Region of Residence at 466 X ***********************************
	4.17469 Region ****** Total
o	8 8 8 8 4 6 8

KYUSHU	1.12403	1.06166	1.02019	1,00161	0.78755	0.50133	0.51518	0.18936	0.11438	0.06600	0.04299	0.02501	0,01594	0.00597	0.00321	0,00211	0.00038	0.00044	
SHIKOKU	0.38995	0.36884	0.35597	0.34712	0.27410	0.17035	0.10017	0.05878	0.03535	0.02094	0.01414	0.00902	0.00634	0.00475	0.00268	0,00177	0.00010	0.00012	
CHUGOKU	1.04/89	1.03517	0.94418	0.97449	0.75963	0.43646	0.25446	0.13984	0.08395	0.04870	0.05112	0.01932	0.01093	0.00524	0,00290	0.00192	0.00017	0.00020	
KINKI	3.50637	3.64323	5,51137	5.44776	2.65141	1.51730	U.V1889	0.59735	0.40405	U.28274	0,19091	U.12284	0.07178	0.03592	0.02280	0.01597	0.01258	0.01486	
сниви	6.06367													0.08500	0.05356	0,03740	0.02778	0,02978	
KANTO	27,04445	26.87529	26.52971	26.57027	19. 41058	12.78181	9.27414	7.05444	5.29932	4.01195	2.84044	1.82510	U. Y6163	0.41292	0.17510	0.10051	0.07331	0.07298	
TOHOKU	27.60581	24.89413	20.83320	16.30286	19.86901	25.34667	26.41754	25.55805	23.91041	21.57788	19.08427	16.48768	13.97945	11.42907	8.98729	6.82789	5.13462	3.94955	
HOKKAIDO	2,22232	2.18630	2.17102	2.16720	2,43846	2.42558	2.00191	1.60522	1.21236	0.88319	0.61335	0.38513	0.18928	0.07519	0.02935	0.01611	0.01210	0.01269	
TOTAL	69.34449	65.90690	61.06614	56.1/323	51.29611	46.42178	41.63996	36.91697	\$2.31356	27.74795	23.44886	19.28812	15.44993	12.05408	9.27689	7.00368	5.26104	4.08061	
	D	~	<b>2</b>	:	20	52	50	5	<b>0</b> 4	<del>;</del>	50	2	09	ŝ	20	2	80	85	

KANTO	*******
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REGION OF RESIDENCE AT AGE X KANTO	
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REGION	* * * * * * *
AGE	::

KYUSHU	1.57276	1.42958	1.32446	1.28000	1.22815	0.98610	0.68911	0.46778	0.52091	0.21918	0.14065	0.08530	0.05947	0.04187	0.U2746	0.01981	0.01528	0.01784
SHIKOKU	0.52658	0.48053	0.44520	0.42997	0.40896	0.31514	0.21698	0.14408	0.09547	0,06195	0.05880	0.02195	0.01465	0.00758	0.00612	0.00438	0.00280	0,00278
CHUGOKU	1.50694	1.38513	1.28272	1.22622	1.16402	0.87476	0.57516	0.36723	0.23856	0.15412	0.09027	0.04686	0.02971	0.01925	0.01252	0,00896	19200.0	0.00677
K INK I	5.00988	4.51337	4.07393	3.83074	3.46558	2.50726	1.64234	1.07777	0.69124	0.43315	0.25114	0.15352	0.07126	0.05532	0.01974	0.01287	0.00912	0,00962
сниви	6.13415	5.65522	5.22347	4.99670	4.52297	5,36499	2.22239	1.45731	U.94720	0.61116	U.38U97	U.23424	0.14923	0,09030	0.05476	0,03770	0.02829	0,03048
KANTO	50.00975	47.91581	44.56892	40.12870	36.66637	35.40842	34,17410	31.922/3	29.11937	25,94608	22.60434	19.14968	15.62771	12,58820	9.53701	7.19417	5.45689	4.18898
TOHOKU	3.71072	3.54175	5.42302	3.40165	3.24603	2.81299	2.29528	1.85034	1.39237	0.97064	0.55630	0.26290	0.13070	0.06131	0.04003	0.02933	0.02301	0,02497
HOKKAIDO	1.29739	1.23713	1,19108	1.15920	1.03775	0.75119	0,50062	0.33970	0.21951	0.13692	0.07611	0.03976	0.02254	0.01270	0.00828	0.00597	0.00455	0.00464
TOTAL	69.76816	66.15850	61.33280	56.45318	51.73981	47.02086	42.31598	37.62694	\$3.02463	28.53318	24.13859	19.97421	16.10528	12.65852	9.70591	7.31320	5.54590	4.28609
	0	\$	10	15	20	52	30	35	40	45	50	55	60	65	20	22	80	85

СНИВИ REGION OF RESIDENCE AT AGE X 4 G E

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	TOTAL	HOKKAIDO	тоноки	KANTO	сниви	KINKI	CHUGOKU	SHIKOKU	KYUSHU
0	69.76033		2.24735	16.15894	39.23804	7.61880	1.51573	0.57625	1.51554
\$	66.20604		2.16069	15, >6653	37.01145	7.27239	1.41622	0.54289	1.38577
10	61.39516		2.09789	14.94835	33.46992	6.91998	1.35291	0.50714	1,50021
15	56.52088	0.79931	2,05971	14.59966	29.27845	6.74178	1.29442	0,49233	1.25523
20	51.84415		1.74797	10.22259	31.41963	5.21394	1.07945	0.42603	1.11307
25	47.21675		1.27718	5.67971	34.93107	5,23513	0.66722	0.28291	0.78057
30	42.55604		0.99055	3.68796	34.33161	2.1/610	0.42287	0.19416	0.51546
35	37.88840		0.77143	2.44245	32.31820	1.46168	0.27183	0.13000	0.53731
4 0	55.51541		0.55640	1.59892	29.64039	0.96370	0.15923	0.08141	0.21493
45	28.80364		0.38199	1.06542	26.36066	0.64942	0.09050	0.04828	0.14060
20	24.37854		0.24021	0.66281	22.82807	0.41913	0.05761	0.02852	0.09898
55	20.17272		0.13399	0.58912	19.24628	0.25594	0.03632	0.01559	0.06824
60	16.27220		0.06584	0.24173	15.72195	0.15002	0.02528	0.00954	0.04283
65	12.75731		0.02265	0.14625	12.45856	0.08184	0.01148	0.00480	0.02162
20	9.77597		0.01401	0.08924	9.59121	0.05221	0.00696	0.00266	0.01303
22	7.30522		0.00944	0.06014	7.18003	0.03596	0.00471	0.00171	0.00856
80	5.42986		0.00563	0.04391	5.34436	0.02666	0.00181	0.00013	0.00387
85	3.98770	0.00372	0.00585	0.04469	5.89861	U.U2844	0.00213	0.00015	0,00411

REGION OF RESIDENCE AT AGE X KINKI AGE

кти\$ни	2.32137 2.08494 1.89584 1.8928384 1.86224 1.86224 1.862384 1.862384 1.86239 1.96896 0.52645 0.52645 0.127179 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02779 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.02770 0.027700 0.027700 0.027700 0.027700 0.02770000000000
SHIKOKU	1, 16, 26, 70, 2 1, 16, 25, 26, 20, 20, 25, 25, 20, 20, 25, 55, 20, 20, 25, 55, 20, 20, 20, 25, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20
снибоки	3.12568 2.87048 2.87048 2.87505 2.67505 2.550545 1.370615 1.370615 1.370615 1.370615 1.370615 0.53065 0.015583 0.015583 0.015583 0.015583 0.015583 0.015583
K I NK I	40.97113 35.952795 36.925795 36.925782 35.1255996 35.1255996 35.1255996 36.05995 36.05995 36.05995 36.05996 36.05996 36.05996 36.05996 36.05996 36.05996 36.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.0595959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.05959 72.0595977 72.059597777777777777777777777777777777777
сниви	7,50340 6,27181 6,210818 6,28048 6,28048 4,07663 4,07652 1,255762 1,255762 1,255762 0,119998 0,119998 0,119998 0,119998 0,015962 0,015962 0,015962 0,015962 0,015962
KANTO	11.4514 11.4514 11.4514 11.451799 8.02577 8.02577 8.02577 8.01212 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51172 1.51
тоноки	1.55501 1.60765 1.60765 1.60765 1.00765 0.55786 0.55786 0.55386 0.55386 0.00880 0.00880 0.00880 0.00784 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.00755 0.007555 0.007555 0.007555 0.007555 0.007555 0.007555 0.007555 0.007555 0.007555 0.0075555 0.007555555555 0.0075555555555
HOKKAIDO	0.00178 0.55118 0.55119 0.55119 0.55511 0.55511 0.25199 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.017968 0.00000000000000000000000000000000000
TOTAL	69.92479 66.21740 66.21740 59.51286 51.19902 41.19902 51.19902 51.19905 51.1929 51.19295 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.1159 51.10
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KYUSHU	2.74080	2.46260	2.23456	1.24971	0.59136	0.27015	0.16913 U.U9495	0.04348	0.01631	0,00959
SHIKOKU	1.45123	1.25007	1.27245	0.79150	0.27126	0.10587	0.04.592	0.02108	0.00791	0.00317
CHUGOKU	27.97269	22.43053	22.68764	31.17560	28.38997	22.42249	19.11983 15.85692	12.75913 9.88928	7.46849	4.06317
KINKI	15.47871	12.69600	9.80176	4.02916	1.96766	0.94431	U. 59977 U. 53724	U.16112 D.08868	0.05698	0.05345
СНИВО	6.65391 6.40464	6.15382 6.04673	4.46211	1.57622	0.67964	0.28779	0.16567 U.U9644	0.04924	U.01853 U.00896	0.00815
K ANT O	14.838U1 14.34658	13.80247	9.51250	2. 46324	1.11199	u.39010	0.20589 0.12735	0.07547	0.02839	0.01515
TOHOKU	1.70920	1.57678	1.15214 0.60542	0.39685	0.15060	0.03972	0.01441	0.00339	0.00013	0.00012
HOKKAIDO	0.70013 0.68417	U.66348 0.65391	U.480U9 0.23323	0.14106	0.04225	0.016U8	0.01110	0,00404	U.00191 0.U0143	0.00156
TOTAL	69.56469 66.U5UU7	61.23302	51.60324	42.32334	33.20476	24.47452	20.35715	13.09695	7.54966	4.15435
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KYUSHU	1.95016	1.81340	1.19469	1.49011	0.98829	U.64783	0.41950	0.29419	0.20378	0.14897	0.10327	0.06452	0.03520	0.02002	0.01338	0.00578	0.00521
SHIKOKU	22.81567	16.34246	11.92927	17.37805	25,71040	27.75171	27.01399	25.58380	23.35774	20.78230	18.08535	15.17914	12.28902	9.64264	7.29450	5,32421	3.88759
CHUGOKU	4.06191															0.00688	0.00767
KINKI	17.06866	16.57289	16.44467	15.16543	8,84401	6.42872	4.83540	5.5580	2.56830	1.77204	1.09886	0.58565	0.27076	0.12669	0.07363	0.04470	0.04287
CHUBU	7.25169	6.99651	6,94129	5,14471	5.2522	2.26813	1.65635	1.18089	0.82629	0.53465	0.29678	0.15819	0.07630	0,04406	0.02876	0.01552	0.01493
KANTO	13.89/36	13.51916	15.40346	9.22121	4.21127	2.59059	1.64740	1.07584	0./1323	0.42627	0.22623	0.12473	0.07154	0.04228	0,02840	0.01742	0.01594
тоноки	1.56709	1.50887	1.49482	1.06598	0.51034	0.28696	0.19480	0.11986	0.07122	0.04061	0.01574	0,00658	0.00297	0.00157	0.00102	0.00014	0.00015
HOKKAIDO	0.72348	0.68051	0.66815	0.46556	0.22801	0.15447	0.11949	0.07324	0.03475	0.01822	0.00621	0.00598	0.00647	0.00433	0.00304	0.00216	0.00242
TOTAL	69.33603	61.07116	\$6.21675	51.35456	46.56955	41.89029	\$7.25352	32.76080	28.35653	24.06003	19.99881	16.21231	12.78896	9.90373	08742.7	5.41681	3.97679
	••	; <del>c</del>	13	20	\$2	30	35	0,4	45	20	55	60	65	20	2	80	85

REGION OF RESIDENCE AT AGE X KYUSHU AGE

KYUSHU	23,05646 20,056467 112,7417 112,7417 24,94598 24,946989 24,179489 24,17947 25,109 117,16278 117,16278 117,16278 117,16278 117,16278 117,16278 117,16278 117,16278 24,0782 25,99782 5,99782
SHIKOKU	0.01189 23 0.01189 23 0.028408 16 0.028408 16 0.058408 16 0.058408 16 0.01598 28 0.012098 18 0.012098 18 0.012098 18 0.01245 28 0.01245 28 0.01
CHUGOKU S	72855.2 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728500 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728500 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 728550 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 7285500 72855000 72855000 72855000 7285500000000000000000000000000000000000
KINKI C	12.85845 14.61892 11.2181892 11.2181892 11.218185 2.85818 2.85818 2.85118 2.531198 1.95886 4.51188 2.531198 1.65208 1.65208 0.45520 0.45520 0.04511 0.04511 0.04511 0.04511 0.04511 0.04511 0.04511 0.04511 0.04511 0.04511 0.04510 0.04511 0.04511 0.04510 0.04511 0.04510 0.04511 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510 0.04510000000000000000000000000000000000
сниви	8.54006 14 8.5400 14 8.5400 14 8.5400 14 8.5400 14 1400 14 1400 14 1400 14 15 15 15 15 15 15 15 15 15 15 15 15 15
KANTO	17. 78.203 17. 25217 17. 25217 17. 25219 17. 25219 17. 25219 17. 25219 17. 25219 17. 25219 17. 25219 15. 25219
TOHOKU	1.85598 1.86507 1.86507 1.86507 1.86565 1.88565 1.88565 1.88565 1.2855 2.8259 2.8255 2.8255 2.8255 2.8255 2.8255 2.8255 2.8255 2.8255 2.8255 2.00103 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.00003 2.0000000000
HOKKAIDO	0.87968 0.87968 0.78053 0.78053 0.78053 0.78053 0.78053 0.78053 0.78053 0.78053 0.78053 0.78053 0.78054 0.11865 0.11865 0.01865 0.01865 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.00175 0.0
TOTAL HO	69, 41501 65, 98550 56, 98550 56, 98550 56, 28152 51, 42257 416, 58154 416, 58154 416, 58154 416, 58154 416, 58154 51, 22426 51, 22466 5
	o.5555883328328355588 22228344994555

Expectation of life by place of residence: female.

### REGION OF RESIDENCE AT AGE X HOKKAIDO A 6 E

KYUSHU	1.7717 1.5759 1.5759 1.5759 1.27165 1.157165 1.11596 1.11552 1.11522 1.11522 0.115324 0.115324 0.115324 0.115324 0.115324 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115335 0.115355 0.115355 0.115355 0.115355 0.115355 0.115355 0.115355 0.115355 0.115555 0.115555 0.115555 0.115555 0.1155555 0.1155555 0.1155555 0.1155555555 0.115555555555
SHIKOKU	U.46683 0.57372 0.57372 0.57372 0.57375 0.281510 0.281510 0.281510 0.013355 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.013356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.010356 0.00000000000000000000000000000000000
CHUGOKU	0.97089 0.87146 0.87146 0.671728 0.671728 0.671728 0.212729 0.212796 0.125796 0.125796 0.00525 0.00525 0.00525 0.00512 0.00332 0.00332 0.00332 0.00332
KINKI	4,4728U 4,04220 5,54520 3,264520 3,27452 3,27452 1,75062 1,28128 0,3854 0,28838 0,05885 0,05885 0,05885 0,05885 0,05885 0,02829 0,02829
сниви	7,74349 7,41286 6,55140 6,551486 6,551440 5,551640 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15245 1,15255 1,15255 1,15255 1,152555 1,152555 1,152555 1,1525555 1,1525555 1,1525555 1,1525555555 1,1525555555555
KANTO	22.02321 19.21.64771 19.21.64771 17.95612 17.95612 7.377664 7.377664 7.377664 7.377664 7.377664 7.377664 7.47731 1.04773 0.40276 0.25732 0.18345 0.18345 0.18345 0.18345
TOHOKU	2.99261 2.65880 2.56289 2.41806 2.41816 1.45112 1.45145 1.45145 0.44548 0.159643 0.159643 0.159643 0.159643 0.159643 0.159643 0.159643 0.159643 0.159643 0.150643 0.150040 0.050128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.060128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.000128 0.00000000000000000000000000000000000
HOKKAIDO	54,20776 55,111272 51,112127 51,112127 51,112127 52,21212725 52,21212725 52,21212725 52,2121275 52,21212 52,21212 52,21212 52,21212 54,21212 114,11222 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,51315 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5135 54,5155 54,5155 54,51555 54,515555 54,515555555555
TOTAL	74.73938 70.897023 61.06808 56.105808 56.105808 56.105808 56.25050 56.5613 52.25050 55.2505 55.2505 55.2505 55.2515 55.2515 55.2515 55.2515 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.53203 17.5320 17.53203 17.53203 17.53203 17.53203 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.53200 17.532000 17.532000000000000000000000000000000000000
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REGION OF RESIDENCE AT AGE X TOHOKU 4 G E

K Y USHU	1.22181	1.14135	1.07694	1.05058	0.76823	0.45655	0.24658	0.14930	0.09815	0.06435	0.04342	0.02577	0.01500	0.00407	0,00406	0.00229	0.00029	0,00025
SHIKOKU	0.35640	0.33300	0.31662	0.30549	0.22450	0.12895	0.06273	0.04267	0.02345	0.01135	U_00881	0.00703	0.00428	0.00175	0.00087	0,00048	00001	0.00006
снибоки	0.85954	0.78239	0.73481	0.71965	0.55138	U.31463	0.16554	0.08638	0.05077	0.02810	0.02487	0.01520	0.00915	0.00338	0.00168	0.00044	0.00013	0.00011
K I NK I	3.28878	3.06106	2.87754	2.81056	1.94781	1.10710	0.54707	0.35162	0.25582	0.19492	0.13697	0.08309	0.05065	0.02771	0.01519	0.00892	0.00320	0.00320
сниви	6.38517	6.16591	5.96957	5.86427	3.60709	2,23928	1.30277	0.88436	0.61441	0.43647	0.31360	0.21336	0.12385	0.05420	0.03052	0.01837	0.00928	0.00808
K ANTO	28.57295	28.14532	27.60064	27.30271	19.69652	10.76738	6.08622	4.19720	3.12987	2.43967	1.77932	1.20098	0.75534	0.42031	0.22288	0.12707	0.08263	0.06938
Тоноки	32.38027	29.87814	26.13735	21.76535	28,11205	35.33116	37.34241	35.39213	32.28366	28.67736	25.05047	21.43327	17.84289	14.38262	11.13199	8.29219	6.05928	4.43356
HOKKAIDO	1.55269	1.40597	1.32282	1.29342	1.26826	0.88575	0.61335	0.45377	0.34573	0.26629	0.18886	0.12209	0.07764	0.04475	0,02288	0.01243	0.00747	0.00586
TOTAL	74.59762	70.91314	66,03628	61.11184	56.15584	51,23080	46.36668	41.55743	36.80236	32,11849	27.54232	23,09878	18.87879	14.94279	11.43008	8,46270	6.16233	4.52050
	0	~	10	3	2	ŝ	30	5	9	\$	5	55	60	65	20	22	80	85

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REGION OF RESIDENCE AT AGE X	
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K Y USHU	1.87453	1.70559	1.56786	1.50097	1.38653	1,06766	0.71429	0.47613	0.32784	0.23584	0.18765	0.15068	0.11550	0,08004	0.04741	0.02929	0.01818	0.01475
SH1K0KU	0.54456	0.47717	0.43495	0.40948	0.39184	0.29108	0.18852	0.11259	0.07848	U.055555	0.04085	0.03031	0.02452	0.01921	0.01110	0.00664	0.00371	U.00298
снибоки	1.37557	1.18530	1.03898	0.95799	0.90641	0.73188	0.46902	0.29152	0.18246	0.11789	0.09156	0.07316	0.05302	0.03387	0.01964	0.01203	0.00740	0.00635
KINKI	4.65962	3.98847	3.42350	3.09676	2.82448	2,15245	1.38949	0.89428	0.58318	0.38886	0.27800	0.20364	0.15422	0.11095	0.06567	0.04035	0.02576	0.02012
сниви	5.63330	4.92506	4.36412	4.03496	3,71195	2.85275	1.85982	1.20888	0.81816	0.57248	0.42744	0.32361	0.24259	0.16847	0.09883	0.06050	0.03846	0.03122
KANTO	56.95643	55.23037	52.07630	48.09642	44.20387	42.25134	40.69139	38.06791	34.63419	30.79811	26.70967	22.61560	18.65202	14.92576	11.59067	8.64647	6.31173	4.55584
1040KU	2.97136	2.71533	2.52978	2.46557	2.31325	1.71656	1.11715	0.70384	0.48134	0.34292	0.25423	0.19066	0.14224	0.09765	0.05776	0.03541	0.02219	0.01881
HOKKAIDO	0.95306	0.86043	0.77768	0.72589	0.67472	0.51393	0.34721	0.23864	0.15274	0.10010	0.07935	0,06620	0.05488	0.04287	0.02561	0.01605	0.01041	0.00811
101AL	74.96841	71.08771	66.21318	61,28805	56.41303	51,57765	46.77689	41.99378	37.25839	32.61175	28.06876	23.65387	19.43900	15.47881	11.91669	8.84675	6.43785	4.65819
	0	\$	5	15	20	22	30	35	<b>0</b> 4	45	50	55	<b>6</b> 0	<b>6</b> 5	2	22	80	85

AGE REGION OF RESIDENCE AT AGE X CHUBU

	TOTAL	HOKKAIDO	TOHOKU	KAN10	сниви	K INK I	CHUGOKU	SHIKOKU	K Y USHU	
D	74.87516	-	1.48973	14.52202		7.94238	1.37659	0.60586	1.90665	
~	71.03822	_	1.39332	13.58204		7.39128	1.23829	0.54602	1.72776	
10	66.15829	_	1.28483	12.73931		6.90777	1.12924	0.50721	1.62644	
:	61.24122	0.43787	1.22317	12.25222	37.53163	6.66029	1.08027	0.48656	1.56921	
20	56.36258		1.04426	9.11870		5.34641	0.93425	0.42492	1.38674	
25	51.54450		0.71208	5.93423		3.28810	0.61516	0.29100	0.87634	
30	46.73974	-	0.43960	3.52387		2.01758	0.35041	0.18507	0.53318	
35	41.95567	-	0.29558	2.29074		1,30486	0.22174	0.10731	0.3260U	
40	37.21833	_	0.17677	1.54921		0.89705	0.13772	0.06711	0.20986	
45	32.56507	_	0.10117	1.10556		0.65583	0.08779	0.04196	0.13663	
50	28.01340		0.07402	0.82250		0.49770	0.06632	0.03137	0.09922	
55	23.62741		0.05550	0.60928		0.37485	0.05057	0.02334	0.07188	
9	19.40414	-	0.03904	0.43194		0.26437	0.03592	0.01542	0,05164	
65	15,45891		0.02314	0.27695		0.16530	0.02221	0,00948	0.03346	
20	11.87741	-	0.01286	0.15367		0.09259	0.01220	0.00548	0.01941	
22	8,82748		0,00748	0.08921		0.05381	0.00702	0.00329	0.01164	
80	6.38520		0.00303	0.05443		0.03285	0.00255	0.00132	0.00539	
85	4.63386		U.00288	0.04389	4.54815	0.02703	0.00240	0.00124	0.00483	

### REGION OF RESIDENCE AT AGE X KINKI 966 •••

KYUSHU	5,02250 2,225788 2,25788 2,25786 1,17615 1,17615 1,17615 1,17615 0,19701 0,19701 0,17165 0,01725 0,01255 0,022336 0,022336 0,022336 0,022336
SHIKOKU	1.60046 1.99064 1.99064 1.99064 1.99064 1.99064 1.99466 1.99466 1.9067 1.2994 0.07895 0.07895 0.07895 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.07897 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.07870000000000
CHUGOKU	3, 3, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
KINKI	48.22138 47.49235 41.5147 41.5147 41.5147 38.58126 38.51477 38.51477 38.51477 38.51475 38.51477 38.51475 38.51475 35.52682 35.52682 11.59238 11.59238 11.59238 8.668279 11.59238 11.59238 8.668279 8.668279 8.52209
сниви	6.02182 5.85527 5.85527 6.879788 5.879789 5.87757 5.87757 5.87757 5.87757 5.81757 5.81757 5.8175 0.91865 0.05452 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05650 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.05600 0.056000 0.05600 0.05600 0.056000 0.056000 0.056000 0.056000 0.056000 0.056000 0.056000 0.056000 0.056000 0.0560000000000
KANTO	9,35523 9,37634 7,45326 6,48253 6,48253 6,48253 1,26453 1,26706 0,5871 0,5871 0,5871 0,5871 0,5871 0,5871 0,5871 0,5871 0,5871 0,5871 0,5871 0,5872 0,5872 0,08928 0,04728
TOHOKU	0.87827 0.75827 0.75594 0.75594 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.757944 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.75794 0.757
HOKKAIDO	0.46208 9.99441 9.99448 9.99448 9.99448 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.99549 9.9955
TOTAL	74,99929 71,09929 71,09934 71,09954 71,09954 71,09976 71,09976 71,0976 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076 71,0076
	0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *

# REGION OF RESIDENCE AT AGE X CHUGOKU

# 9 0 U

	TOTAL	HOKKALDO	Тонок и	KANTO	сниви	K I NK I	снибоки	SHIKOKU	KYUSHU
0	75.01444		0.93156	11.92916	5.38869	16.43711	34.95939	1.77755	3.22566
~	71.18822		0.82321	10.89999	5,03988	16.27013	33.26615	1.57842	2,98240
9	66.32186	0.29809	0.74696	10.08387	4.76056	15.88885	30.29387	1.45638	2.79328
5	61.40752		0.70641	9,66046	4.60857	15.64199	26.39514	1.40785	2.69623
2	50.57943		0.55438	7.35852	5,53148	11.03799	30.21494	1.33057	2.50536
2	51.83623		0.38291	4.66299	2.11198	6.38530	35.09640	1.07434	1.96756
2	47.11602		0.23515	2,60148	1.13298	3.64837	\$7.3U854	0.73022	1.37794
5	42.37796		0.14608	1.59110	0.73562	2.55907	35.93897	0.46150	0.89599
;	37.69188		0.09315	1.08054	0.49603	1.84766	33.26980	0.28117	0.59480
5	33.07191		0.05359	0.79320	0.34680	1.41124	29.86820	0.17500	40704.0
5	28.52359		0.03796	0.60857	0.22907	1,06091	26.13274	0.12852	0.31133
5	24.15130		0.02469	0.45433	0.14476	0.76738	22.41264	0.09509	0.23497
9	19.93704		0.01582	0.31720	0.09758	0.53382	18.72449	0.06386	0.17456
\$	15.97849		0.00785	0.19516	0.05907	0.33785	15.22187	0.03742	0.11259
2	12.36027		0.00384	0.10722	0.03187	0.19016	11.94199	0.02014	0.06113
2	9.19767		0.00217	0.06244	0.01855	0.11450	8.94965	0.01184	0.03610
8	6.68205		0.00017	0.03687	0.00784	0.07075	6.53982	0.00582	0.01960
85	4.72917		0.00013	0.02653	0,00536	0.05062	4.62622	0.00410	0.01517

REGION OF RESIDENCE AT AGE X SHIKOKU 46E

K Y USHU	2.15907	2.01274	1.92337	1.87080	1.58555	1.07540	0.63657	0.40892	0.30852	0.24719	0.18758	0.13392	0.10360	0.07237	0.04088	0.02466	0.01245	0.01044
SHIKOKU	29.56221	27.41578	23.94400	19.81149	25.52298	32.86541	35.994.37	34.68489	32.17944	28.91646	25.32865	21.77324	18.24290	14.88940	11.71049	8.79435	6.45053	4.67836
снибоки	4.12226	3.83666	3.55940	3.42278	3.15177	2.35744	1.48093	0.48196	0.61871	0.40896	0.30355	0.22749	0.17325	0.12868	0.07165	0.04283	0.02392	0.01833
K I NK I	20.14050	19.89322	19.56519	19.37810	14.40151	8.49459	5.02267	3.59283	2.67173	2,09287	1.62059	1.20211	0.78798	0.43667	0.21810	0.12174	0.07209	0.05668
сниви	6.02106	5.764.59	5.51190	5.37193	3.58221	2,27892	1.31759	0.86207	0.57185	0.39162	0.27376	0.17918	0.12130	0.07195	0.03946	0.02295	0.01043	0,00864
KANTO	11.37321	10.90798	10.53913	10.32325	7,30052	3.98822	2,03722	1.37348	0.92785	0.66483	0.47384	0.33161	0.21168	0.11851	0.06579	0.03884	0.02060	0.01705
1 0HOK U	0.84552	0.79436	0.74163	0.72203	0.52355	0.24349	0.14624	0.07938	0.05124	0.03169	0,02089	0.01046	0.00948	0.00919	0,00450	0.00259	0.00010	0.00009
HOKKAIDO	0.42475	0.37286	0.34554	0.32445	0.26108	0.16239	0.10795	0.04498	0.02385	0.01118	0.00732	0.00456	0.00393	0.00349	0.00171	0,00098	0,0000	0.00007
TOTAL	74.64857	70.99820	66.13016	61.22484	56.32914	51, 51585	40.74354	42.02850	37.35318	32.76479	28.21619	23.86258	19.65412	15.73026	12.15257	9.04894	6.59020	4.78965
	0	~	2	:	20	\$2	30	35	40	5	20	5	90	65	20	22	80	85

74.72.33         0.59052         1.11678           70.98883         0.51470         1.03753           70.98883         0.51470         1.03753           64.11131         0.41982         0.93857           61.11922         0.51470         1.03753           51.47750         0.41982         0.24964           61.11922         0.51776         0.28467           51.47750         0.28474         0.24468           61.94883         0.117076         0.13506           51.47750         0.28497         0.24468           61.94883         0.110705         0.13506           51.47750         0.055728         0.05933           52.26604         0.010709         0.12908           52.24679         0.012708         0.012701           52.24974         0.012709         0.01774           52.34954         0.010407         0.01274           52.4974         0.010407         0.01274           52.4974         0.010407         0.01274           52.4974         0.010407         0.01274           52.4974         0.010407         0.01274           52.4974         0.010407         0.01274	TOHOKU KANTO 1016/8 16.08895 97195 15.47016 97195 15.47016 97195 15.47016 97195 15.47016 97195 15.47016 115105 15.95619 115105 15.95619 115105 15.95619 115105 15.95619 115105 15.95619 112785 0.47790 112785 0.47790 112785 0.47790 112785 0.47790 112785 0.47790 112789 0.47790 112789 0.47790 112789 0.47790 112789 0.47790 112780 0.47790 112860 0.47790 112870 0.47895 112870 0.47895 112870 0.47895 112870 0.47895 112870 0.47895 112870 0.47895 112870 0.47895 112880 0.47790 112880 0.47790 112880 112880 0.47790 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 112880 1128800 1128800 1128800 1128800 1128800 1128800 11288000 11	CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBU CHUBUU CHUBU CHUBU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUU CHUBUUU CHUBUU CHUBUU CHUBUUU CHUBUUU CHUBUUU CHU	KINKI 14.8592 14.45244 115.95287 115.95287 115.95845 4.24032 4.24032 4.24032 10.56445 115.9587 1.7202 1.7205 0.51765 0.51765 0.51765 0.51765 0.51765 0.51765 0.51765	CHUGOXU 3. USOUG 2. 15905 2. 15905 2. 15905 1. 2. 15905 1. 2. 15905 1. 2. 15905 0. 2. 2. 15905 0. 2. 2. 15905 0. 15975 0. 159750 0. 159750 0. 159750 0. 159750 0. 159750 0. 159750 0. 159750 0. 1597500000000000000000000000000000000000	841K0KU 926482 0285682 0285682 027770 027579 026682 026682 026682 026682 026682 027579 027579 0270886 0209747 0270886 02009747 0270886 0270886 0270886 0270886 0270886 0270886 0270886 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 0270877 027070 027070 027070 027070 027070 007070 007070 007070 007070 007070 007070 007070 007070 007070 007070 007070 007070 007000000	
0.00135		-	0.06360	0.01688	0.00334	11807

# Expected number of survivors at exact age x in each region: total population.

# AGE INITIAL REGION OF COHORT HOKKAIDO

Γ01AL HOKKAIDO         Г0HAL HOKKAIDO         Г0HAL HOKKAIDO         Г0HAL HOKKAIDO         Г0HAL HOKKAIDO         Γ0HO         Γ0HO <thγ0ho< th=""> <thγ0ho< th=""></thγ0ho<></thγ0ho<>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	K K M M M M M M M M M M M M M M M M M M	СНИВИ 0. 1479. 3005. 3005. 7964. 9126. 9128. 11850.	KINKI 786. 1496.	СНИ60КU 0.	SHIKOKU	K Y USHU
1000000       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0<	1000 9991 9995 9995 9995 9995 9995 9995	•	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0. 1479. 3005. 4216. 7964. 9129. 11228. 11228.	786.	.0.	4	•
98171     88876     1007     4842     1479     786       97787     80397     1007     4842     1479     786       97787     32405     2746     9705     1007     9125       96877     53405     2740     9765     1077     9125       96877     53405     2740     9126     9956       96877     53405     27410     7955     9127       96897     53405     5781     33755     10374     9958       91697     21977     5945     37825     11236     7928       91697     11977     5945     37825     11246     8149       91697     11977     5945     37825     12246     8149       91697     11977     5945     37825     12246     8149       91697     11977     5945     2295     9149     7926       91778     11987     11782     7955     9149       55100     5147     2295     11920     9102       55101     5154     2295     11920     9102       55147     32914     11920     8146     7928       55140     5146     2295     11920     9102       55140 <td< td=""><td>2022 2022 2022 2022 2022 2022 2022 202</td><td>•</td><td>4842 4842 120460 3534410 3534410 354245 354244 145455 122664 122655 122655 122655</td><td>1479. 3005. 4216. 7964. 9129. 11228. 11228.</td><td>786.</td><td>206</td><td></td><td></td></td<>	2022 2022 2022 2022 2022 2022 2022 202	•	4842 4842 120460 3534410 3534410 354245 354244 145455 122664 122655 122655 122655	1479. 3005. 4216. 7964. 9129. 11228. 11228.	786.	206		
977887     801590     2044     8960     3005     1996       97795     53405     2746     1206     3105     1946       97795     53405     23900     7746     38405       95307     53745     2752     27416     38405       95307     53741     5380     2746     38405       95307     53742     53745     38306     11228     7746       95307     53742     5373     38306     11228     7746       95307     53743     38306     11228     7746       95307     19775     5545     35741     11228       95317     17932     38306     11728     7746       95317     9545     5545     35741     11728       7789     11788     2753     117920     8605       5703     13187     2655     14727     5269       57103     5555     17942     2753     9006       57104     5646     2753     14727     5269       57103     5127     17942     2753     14727       57104     11748     2753     14727     1990       57114     17044     101000     6079     9173       77148<	90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 90200 9000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 9000000	•	8960 272066 272066 272066 399507 398706 398706 398706 1228696 1228696 122857 577	3005. 4216. 7964. 9129. 10374. 11228.	1496.	.03.	113.	723.
97718     74.264     2746     7904     7912       97718     74.264     2746     7935     7919       9754     53405     5377     39436     11974     9124       95095     23704     5375     5410     7924     5842       95095     23704     5375     5430     9127     5842       95097     23704     5374     39436     11274     7928       95097     2147     5954     37731     31436     7728       91097     7149     5954     39436     11228     7944       91097     7149     5954     37731     11228     7944       91097     17789     5954     39446     17283     8644       91097     13189     4448     23941     11728     7602       91091     13187     1448     23951     11728     7602       91714     11741     7555     11927     2665     5169       91714     11741     7655     11927     5169       91741     11742     2245     11942     5172       91741     11741     7655     11927     5169       91741     7655     7655     7655     5172	7779 7779 7779 7779 7779 7779 7777 7779 7777 7770 7770	•	12046 22410 22410 281955 281955 381955 38225 35954 35954 359564 14927 16927 22255 12255	4216. 7964. 9129. 10374. 11228. 11850.		345.	231.	1416.
97754, 55405, 5750, 2751, 57410, 7784, 5842, 5653       5842, 57410, 7784, 5843, 58410, 5751, 5845, 5843, 5958, 57410, 5754, 5845, 5845, 57410, 5774, 5845, 5746, 7758, 5845, 5746, 7758, 5845, 5746, 7758, 5845, 5746, 7758, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 58455, 5845, 58455, 5845, 5845, 5845, 5845, 5845, 5845, 5845, 5845,	99999999999999999999999999999999999999	•	27410 36907 36907 388306 382436 382436 382456 382454 255644 14927 26565 7655 7655	7964. 9129. 10374. 11228. 11850.	1902.	474.	306.	1763.
96397     95471     3366     9597     9596     9597       95995     22870     4311     395305     11228     7948       95995     23840     4311     37835     11228     7948       95995     23472     5947     37835     11228     7948       95997     23447     37835     11236     8149       959307     23447     37835     12240     8149       95930     23447     37835     12240     8149       95930     13189     5448     25947     8065       95474     17975     5965     91920     8169       95474     13183     4438     26959     91920       95470     91383     2444     22847     91920       95411     1128     7655     2715     91920       95412     1128     7655     2715     91920       95411     1128     7655     2715     91920       955100     1128     7655     2715     9100       100000     0     100000     100100     9114       95519     1010000     1010000     91339     91935       95519     101111     1010000     101111       95110	999 999 999 999 912 14 14 14 14 14 14 14 14 14 14 14 14 14	•	36307 37955 38436 37825 37825 37825 37825 35594 14927 14927 285911 14927 285911 14927	9129. 10374. 11228. 11850.	3842.	519.	227.	1235.
96936       25797       4218       37955       10374       9998         96930       253704       5331       38436       118508       7928         916937       17778       59745       38436       118508       7928         916937       17778       59755       35764       38436       118508       7928         916937       17977       5945       35964       12286       8149       2         916937       17977       5945       35944       12285       8264       2         91993       5143       59594       12285       8264       2       2         91939       15832       5143       25945       7602       7002       7         95100       6584       25945       7595       7602       7       7       7         95101       11289       24438       22955       14927       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7	999 9948 9948 9948 9948 9948 9948 9948	•	37955 38306 38226 38225 38785 38785 3785 37855 28655 76911 14927 14927	10374. 11228. 11850.	5850.	923.	368.	1487.
95995       25900       4311       34306       11228       7546         95995       25904       34316       11228       7546         95995       5594       35944       11228       7546         95995       5545       35904       11228       8269       2         95995       5545       35904       11228       8269       2         88997       17789       5545       35904       12283       8269       2         88997       15832       5646       35904       11920       8062       2         88997       15832       5646       35904       12283       8669       2         88997       15832       5646       35904       11728       8695       9702         55100       5595       15747       5865       17942       5703       19990         55100       5595       17942       7655       2715       19990       19990         101114       RELIN       7655       2715       19990       19990       19990         101114       RELIN       7655       2715       19990       19990       19990         101114       RELIN       7000 <td>222 222 222 222 222 222 222 222 222 22</td> <td>•</td> <td>38306. 38436. 38436. 37783. 35964. 35504. 35504. 14927. 7655.</td> <td>11228. 11850.</td> <td>6958.</td> <td>1404.</td> <td>563.</td> <td>2068.</td>	222 222 222 222 222 222 222 222 222 22	•	38306. 38436. 38436. 37783. 35964. 35504. 35504. 14927. 7655.	11228. 11850.	6958.	1404.	563.	2068.
94400       25704       5734       59440       7738       7728       7728         91837       719779       5945       5964       11850       7728         91837       719779       5945       5954       25945       5644       2544         91837       7183       5546       5555       55148       55148       55142       5644       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264       264	999 92 92 92 92 92 92 92 92 92 92 92 92	•	38436. 38225. 36925. 36964. 35911. 32911. 32911. 1495. 1655. 1655.	11850.	7546.	1718.	712.	2553.
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2663         51753         57113         7505         3748           2663         51753         57113         7505         3748           3289         26509         48738         8843         9448           3371         26509         48738         9873         9148           3371         26509         48738         9873         9148           3371         26400         48289         9874         9148           3385         21373         46260         10777         6440           3562         20564         42074         10977         6679           3562         20564         42074         10977         6679           3562         20564         4507         10977         6679           3594         19876         10997         6679         1149           3594         10896         8826         5594         1141           2511         12835         3534         7426         101010         6550           2511         12835         13335         1732         10402         6507         112           1290         9335         10402         61012         61012         112 <td>1800</td> <td></td> <td>1572.</td> <td>5818.</td> <td>1903.</td> <td>316.</td> <td>109.</td> <td>438.</td>	1800		1572.	5818.	1903.	316.	109.	438.
3110         26507         49336         8983         9448           3271         26507         49336         8973         5743           3371         22845         47303         9874         5743           3371         22845         47303         9874         6490           3365         21737         46260         10477         6460           3565         20366         45274         10977         6450           3595         20366         45274         10977         6450           3598         19214         44024         10627         6577           3598         19214         44024         10627         6577           3598         19214         10620         6577         10977           35914         15350         38956         10000         6570           1210         72352         11977         6511         1235           1210         7235         110620         6570         1125           1210         2225         11235         1742         3012	2663.		49113.	7505.	3748	709.	264.	930.
3289         24503         48289         9874         5743           3371         22845         49205         10432         6190           3387         2137         46260         10777         6460           3382         2137         46260         10777         6460           3382         2137         46260         10777         6470           3362         20586         45274         10934         6677           3169         17238         42170         10877         6677           3169         17248         42170         10487         6577           3169         17283         38955         10000         6207           2914         15350         38995         10000         6207           1270         6555         13332         4742         1042           1270         6555         13332         4742         3504	3110.		49338.	6983.	5048	1188.	443.	1530.
3371.         22845.         47305.         10432.         6190.           355.         21573.         46260.         10777.         6460.           356.         20545.         42260.         10977.         6460.           356.         20546.         4274.         10974.         6679.           359.         19714.         44024.         10497.         6679.           3591.         17728.         42170.         10429.         6550.           2914.         15350.         38935.         104029.         6550.           2914.         15359.         38935.         104029.         6550.           1940.         9757.         26354.         7126.         4104.           1940.         9757.         26354.         7126.         4104.           1270.         6225.         17332.         4742.         3012.	3289.		48289.	9874.	5743.	1513.	584.	1924.
3385         21737         46260         10777         6460           35862         20366         4274         10934         6627           3298         19214         44024         10834         6627           3298         19214         44024         10834         6627           32914         15234         10826         6579         1           2914         15350         38935         10000         6570         1           2914         15359         38936         70000         6570         1           2914         15359         31696         8826         5504         1           2914         12335         31696         8826         5504         1           1940         62354         10305         5504         1         1           1270         6225         12354         10315         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	3371.		47305.	10432.	6190.	1705.	663.	2116.
3362         20586         45274         10934         6627           3169         17238         42170         10897         6679           3169         17238         42170         10897         6679           3169         17238         42170         10897         6679           3169         17238         42170         10691         6679           2914         15350         38995         10000         6207           2911         12835         389966         8826         5504           1940         7757         26354         7036         5012           1270         6225         17332         4742         3012	3385.		46260.	10777.	6460.	1824.	713.	2206.
3298. 19214. 44024. 1087. 0679. 1 169. 174.88. 42170. 10629. 6550. 1 2914. 15359. 38935. 10000. 6570. 1 2511. 12835. 35696. 8826. 5594. 1 1940. 9357. 26354. 7036. 4510. 1 1270. 6225. 17335. 4742. 3012.	3362.		45274.	10934.	6627.	1872.	727.	2201.
3169.         17428.         42170.         10629.         6550.         1           2914.         15350.         38935.         10000.         6207.         1           2511.         12835.         38995.         8826.         5504.         1           1940.         9757.         26354.         7036.         4410.         1           1270.         6225.         17332.         4742.         3012.	3298.		44024.	10897.	6679.	1877.	725.	2154.
2914, 15350, 38935, 10000, 6207, 1 2911, 12835, 23966, 8826, 5504, 1 1940, 9757, 26354, 7036, 4410, 1 1270, 6225, 17332, 4742, 3012,	3169. 1	17428.	42170.	10629.	6550.	1635.	701.	2064.
2511. 12835. 33696. 8826. 5504. 1 1940. 9757. 26354. 7036. 4410. 1 1270. 6225. 17332. 4742. 3012.	2914. 1	15350.	38935.	10000.	6207.	1739.	660.	1944.
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1270, 6225, 17332, 4742, 3012,	1940.	9757.	26354.	7036.	4410.	1269.	489.	1441.
	1270.	5229	17332.	4742	3012.	. 18 S.	347.	1023.
				4110	1540	181		

	KYUSHU	•0	721.	1200.	1429.	1185.	1705.	2340.	2737.	2905.	2963.	2922.	2832.	2694.	2517.	2255.	1844.	1301.	717.			KYUSHU	•	681.	1036.	1258.	1205.	1873.	2426.	2769.	2907.	2941.	2879.	2777.	2640.	2464.	2142.	1782.	1252.	685.
	SHIKOKU	•	190.	309.	374.	274.	459.	658.	822.	905.	955.	967.	957.	920.	861.	111.	630.	443.	236.			SHIKOKU	0.	162.	288.	355.	308.	536.	744.	919.	1014.	1069.	1077.	1062.	1023.	959.	853.	693.	486.	257.
	снибоки	••	. 1/4	805.	1003.	885.	1298.	1847.	2205.	2412.	2532.	2572.	2558.	2482.	2335.	2079.	1688.	1172.	639.			CHUGOKU	0.	345.	599.	723.	835.	1393.	1932.	2256.	2467.	2588.	2618.	2597.	2524.	2381.	2118.	1719.	1193.	649.
	K I NK I	•	1139.	1978.	2451.	3655.	5585.	6964.	7686.	8141.	8394	8522.	8509.	8280.	1011	6876.	5487.	3732.	1937.			K I NK I	0.	1540.	2642.	3236.	7915.	11580.	12586.	12942.	13104.	13104	13030.	12817.	12360.	11549.	10118.	8028.	5428.	2798.
	сниви	•	1647.	2818.	3505.	4335.	6169.	8035.	9145.	9802.	10196.	10378.	10353.	10088.	9495.	8421.	6739.	4558.	2361.	_		сниви	10000.	92236.	87908.	85365.	69193.	55431.	49740.	46676.	44488.	42808.	41269.	39453.	37108.	33772.	29044.	22665.	14934.	7526.
KANTO	KANTO	100000.	92438	88262.	85990.	84027.	77152.	70596.	66334.	63236.	60632.	58290.	55766.	52648.	48050.	41268.	32120.	21036.	10652.	CHUBU		<b>KANTO</b>	.0	2625.	4507.	5640.	16418.	23547.	25558.	26214.	26422.	26289.	26002.	25461.	24488.	22742.	19853.	15654.	10386.	5332.
INITIAL REGION OF COHORT ********************************	TOHOKU	•	1274.	2078.	2408.	2261.	3325.	4383.	5119.	5689.	6133.	6415.	6436.	6094.	5550.	4752.	3687.	2408.	1184.	DF COHORT	***********************	TOHOKU	.0	375.	661.	850.	972.	1671.	2306.	2785.	3222.	3569.	3779.	3836.	3679.	3390.	2910.	2264.	1484.	729.
INITIAL REGION OF COHORT	TOTAL HOKKAIDO	•	343.	556.	689.	864.	1375.	1736.	1902.	1988.	2012.	1997.	1951.	1867.	1721.	1501.	1175.	781.	400	INITIAL REGION OF COHORT		TOTAL HOKKAIDO	.0	190.	282.	330.	547.	.006	1117.	1234.	1294.	1312.	1305.	1278.	1229.	1141.	1002.	789.	528.	272.
INI TIA	TOTAL 4	100000.	98227.	90086	97849.	97487.	97067.	96559.	95948.	95076.	93817.	92064.	89363.	85072.	78320.	67923.	53369.	35431	18125.	INITIAL		TOTAL I	100000.	98153.	97923.	97757.	97392.	96931.	96409.	95796.	94917.	93681.	91959.	89281.	85052.	78396.	68089.	53594.	35691.	18248.
AGE		0	~	9	:	<b>0</b> 2	\$2	30	35	9	45	20	23	90	65	20	22	80	85	AGE	:		0	~	5	15	20	\$2	30	32	40	\$ 2	20	25	60	65	20	22	80	85

INITIAL REGION OF COHORT KAN

### AGE IMITIAL REGION OF COHORT KINKI ***

100000		.0		.0	100000	0.	.0	Э
98318		214.	2744.	2078.	89611.	1377.	676.	1478
98102		371.	4655.	3468.	83784.	2191.	1148.	2231
07626		471.	5847.	4284.	80410.	2619.	1364.	2654
97607		462.	10256.	5904.	16292	2551.	1059.	2228
97157		868.	15321.	8064.	64305.	3568.	1537.	2880
96615		1330.	18008.	10024.	56294.	4522.	1917.	3713
95984		1708.	19391.	11133.	51427.	5014.	2194.	197
95071		2040.	20078.	11807.	48217.	5 280.	2320.	4350
93795	-	2319.	20336.	12189.	45799.	5407.	2373.	4367
92015	-	2507.	20351.	12332.	43784.	5405.	2356.	4271
89307		2581.	20080.	12247.	41681.	5314.	2295.	4114
85018		2481.	19379.	11875.	39089.	5137.	2200.	3907
78412		2289.	18040.	11120.	35599.	4804	2048.	3633
68178		1975.	15799.	9823.	30531.	4241.	1809.	3225
53792		1542.	12491.	7836.	23810.	3419.	1464.	2617
36054		1016.	8317.	5287.	15820.	2353.	1016.	1832
18567.	214.	502.	4290.	2731.	8009.	1276.	539.	1605.

# AGE INITIAL REGION OF COHORT CHUGOKU

KYUSHU	0 2225 2727 2727 2727 2727 2727 2727 272
SHIKOKU	22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22564 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 225666 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 22566 225666 22566 22566 225666 22566 22566 22566 22566 22566 22566 225
CHUGOKU	100000 89777 89777 89777 89775 89775 529855 57465 257465 257452 218617 218617 12831 12831 12831 12831 12831 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847 12847
KINKI	0 5541 5541 5678 5678 26016 26021 26021 26154 26154 26154 26154 26154 26154 26154 26154 26154 26164 17779 26177 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26174 26
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ТОНОКИ	0 212. 212. 212. 212. 2212. 222. 222. 22
10KKAIDO	2414 2414 2414 2414 2414 2414 2414 2414
TOTAL P	100000 98115 98115 97732 97735 97755 97755 97755 94545 94646 91666 88954 91666 88954 91057 8107 8107 18709
	o \$ 515 22 22 23 23 23 23 23 23 23 23 23 23 23

	UT6UTA	с <b>.</b>	535.	872.	1049.	1557.	2301.	3049.	3499.	3651.	3688.	3624.	3510.	3348.	3128.	2790.	2271.	1596.	876.			K Y USHU	100000	88797.	81677	76992.	42586.	25777.	20530.	18139.	16394.	15048.	15820.	~ ^		<b>~</b> .	8692.	6817.	4601.	24.38.
	SHIKUKU	-	8982		30	42411.	25230.	20041.	1954	6421	5273	14245.	3166	12038.	10708.	9067.	7075.	4725.	2409.			SH I KOKU	.0	255.		541.	498.	834.	11	1363.	182	1244.	1249.	1223.	1407.	13/2.	1218.		689.	366.
	CHUGUKU	•	1626.	2623.	3234.	4824.	5532.	6178.	6506.	6680.	6733.	6670.	6504.	6220.	5761.	5057.	4058.	2779.	4 99			CHUGOKU	0	1333.	2174	622	487	4133.	825	197	5383.	2	;;	225	È	2	4191.	220	2312.	1249.
	1 3 4 1 4	•	3586.	5849.	7200.	28020.	34212.	33224.	31781.	30779.	29908.	9132	28208.	26867.	24797.	21475.	•	1269	5741.			KINKI		8	5149.	6616.	18799.	23601.	23664.	23175.	22811.	22451.	.20022	.00012		19006	2649	124/3.	8692.	. 2 4 4 4 2 .
	1000		885.	1604.	2032.	6462.	8412.	9969.	10864.	11429.	11760.	11894.	11821.	11460.	10724.	9456.	7530.	5073.	2614.			сниви	0.	1599.	3000	4061.	11279.	13050.	14190.	14851.	_ •	12471		15288.		15/02.	12001.	5	6358.	3255.
SHIKOKU		•	1283.	2251.	2896.	12999.	19308.	21276.	21971.	22283.	22278.	22110.	21692.	20861.	19361.	16893.	13316.	8840.	4542.	KYUSHU		KANTO	.0	2711.	4595.	5890.	19509.	27292.	28903.	29266.	29272.	28998.		21403.			21524		11188.	~
F COHOR T	U HUKU	•	89.	218.	263.	360.	862.	1371.	761	2095.	2373.	2560.	2634.	2530.	2332.	2012.	1572.	1036.	511.	F COHORT	******	1040KU	0.	165.	310.	101	472.	1131.	1765.	2244.	2648.	.1792	5144.	5269.	5156.	2890.	24.90	1945.	1279.	631.
NITIAL REGION OF COHOR		•	95.	198.	243.	422.	680.	853.	963.	1023.	1048.	1046.	1026.	. 616	903.	794.	626.	421.	217.	WITIAL REGION OF	***************	HOKKALDO	0.	215.	366.	427.	539.	857.	1094.	1224.	1290.	.1151	. 2021		.0121		981.		515.	. 602
INI 11 AL		100000.	97920.	97670.	97471.	97054	96536.	95961.	95299.	94360.	93061.	91282.	88561.	84302.	77716.	67545.	53306.	35739.	18409.	INITIAL		TOTAL H	100000.	97969.	97723.	97550.	97170.	96674.	96112.	95458.	94540.	.25256	V1405.			1 1 8 1 8 .	67590.		35633.	18574.
AGE		0	~	10	15	<b>5</b> 0	22	20	5	4	5	2	2	9	65	20	75	80	85	AGE	:		0	~	10	15	20	25	30	35	9	<b>;</b> ;				6	2;	23		62

	SHIKU
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Expected number of survivors at exact age x in each region: females.

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	U KYUSHU	0. 0.		-	-	-	-	1994	2501	2748	2474						2487	42.60		. 944.			U KYUSHU	.0.			_							2122	2141	2135	2114	2012	1 101			-	•
	SHIKOKU	0	116	244	308.	262	362	527	661	73.4	784			5	18.	752.	12		•	22			SHIKOKU												650.			618					
	CHUGOKU	.0	163.	277.	398.	431.	692.	1106.	389	560			2		1728.	1686.	1575		 1018.	600.			CHUGOKU		111					.928	947.	1231.	1403.	1506.	1530.	1529.	1521	1 4 9 2					1
	K 1 NK 1	.0	737.	1477.	1876.	3530.	5134.	6195.	6766.	7136.	1357	11.11			7423.	7176.	6629.	1045	 5 4 0 4	2301.			K I NK I	0	1.11					51/6	4415.	5045	5421.	5644.	5782.	5851.	5804	2636					1 1 1 1
	сниви	•0	1484.	2949.	4251.	9544.	10055.	10782.	11544.	12046.	12430				12183.	11635.	10616.			3524.	_		сниви	0.	001					529	9305.	9941.	10324.	10548.	10619.	10556.	014.4	0800					
HOKKAIDO	KANT0	••	5055.	9022.	12283.	23176.	29888.	32843.	33991.	14858.	15115.	1 2 7 2 1		.00000	34446	32827.	29727.	24754	1/01	9721.	<b>10H0KU</b>		KAN10	0.	1152	4780					48527.	47727.	47016.	46310.	45760.	44958.	41512	41018	14705	11201			
WITIAL REGION OF CONURT MUKKAIDO ************************************	1040KU		1114.	2001.	2661.	2375.	2769.	3584.	4182.	1457	4444	Ì			4799.	4563.	4221.		• > > > > > > > > > > > > > > > > > > >	1362.	NITIAL REGION OF COHORT	*********************	1040KU	10000	01828		5 7 C 10		.00010		29406.	27646.	26528.	25615.	24520.	23253.	21770	1 7 0 0 1				.1004	000 7
NITIAL REGION OF *****************	HOKKAIDO	100000.	88983.	80904.	74599.	57322.	47216.	40136.	35650.	12252	29669	11110			23825.	21400.	8430	10.1	Ð	5298.	L REGION	******	OTAL HOKKAIDO	0.	A13.	101					2462.	2519.	2523.	2490.	2447.	2386.	2289.	2144			3	. 2611	
¥111 <i>N</i> 1	TOTAL	100000.	98411.	98234	98105.	97894.	97562.	97165.	96683.	96041.	05061.	01547			87946.	82697.	74396.	41480	 	24021.	INI TIA	*****	TOTAL	100000	08105						96948.	96472.	95824	94869.	93447.	91319.	88001	82801.	74112				21474
AGE ***		0	~	₽	15	20	25	30	35	10		2			09	<b>6</b> 5	20			85	AGE	:		C		.5	2	2	2	0	30	35	40	45	20	5	90	Ş		2 2		20	

AGE	LINI	INITIAL REGION OF COHORT **************************	OF COHORT	KANTO					
	10141	HOKKAIDO	TOHOKU	KANTO	CHUBU	K INKI	CHUGOKU	SHIKOKU	-
0	100000.	.0	0.	100000.			.0	.0	
~	98484	334	235	92711.	1695.	1134.	505.	ō	
<b>e</b>	98309.	572	943	88561.	2853.	1978.	858.	2	
15	98195.		398	86273.	3561.	2455.	1051.	366.	
<b>°</b>	97990.		2042.	85091.	4244.	3466.	914.	2	
\$		1058	975	79599.	5658.	4971.	1161.	63	
30		1352	953	73881.	7269.	6294.	1636.	9	
35		1489	69	70112.	8264.	6994.	1954.	5	
ç		1571	763	67646.	8843.	7412.	2148.	2	
\$		1591	920	65677.	9190.	7644.	2258.	3	
2		1560	925	63983.	9338.	7756.	2273.	2	
22		1513	946	62012.	9344.	7773.	2254.	2	
9		1453	\$65	59292.	9207.	7654.	2226.	\$	
65		1372	4465.	55274.	8869.	7380.	2157.	3	
20		-	660	4 9024.	8215.	6832.	2006.	5	
22		1076	53	40173.	6953.	781	1725.	3	
08		176	5	28154.	5062.	226	1244	82	
82	24316.		1295.	15288.	2823.	2377.	755.	307.	
AGE	INITIAL I	REGION	OF COHORT	СНИВИ	_				
:				•	•				
	TOTAL	OTAL HOKKAIDO	TOHOKU	KANT0	сниви	K INK I	CHUGOKU	SHIKOKU	-
c	10000		-	-	10000	-	-		
•	08414			2412		1500		171	
5	08242			ĩ	88161	2.2	105		
:	98115	336	857.	Ξ	85686.	327	716.	338.	
2	97904	388	840.	6	-	189	765.	305	
22	97578	612	373	6	-	266	1248.	524.	
50	97180.	800	876	3	~	324	1752.	718.	
35	96701.	906	223	5	_	2767	2037.	890.	
7	96044.	926	2467.	23816.	49595.	12940.	2224.	975.	
Ş:	92026		616	8	~ •	836	2332.	10.01	
23	93648.	156	628	6	6630	117	2351.	1049.	
2	11110	126	204	ŝ	\$265	20	2337.		
9	88184	_	25	2	12	12490	2307.	1023.	
\$	85055	10	-		222		.1633		
23	74845	508	22	-	55125.	2	2071.	V15.	
21	05020	_	2	2	22	23			
	44236		<b>~</b> '		22	. 1920	1323	.180	
60	, , ,		.001	• ( ) 00				• • • •	

KYUSHU KYUSHU 

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							14041HC	0.0014
100000.	.0	.,	.0	.0	100000.	0.	.0	.0
98511.	160.	208.	2797.	2062.	89762.	1342.	678.	1503.
98355.	298.	346.	4757.	3401.	83952.	2170.	1164.	2267.
98241.	320.	441.	5893.	4224	80666.	2618.	1396.	2684.
98041.	299.	380.	8643.	5400.	77338.	2506.	1152.	2322.
97718.	468.	638.	12001.	7119.	68856.	3687.	1738.	3211.
97293.	617.	996.	15086.	8804.	61201.	4512.	2063.	4013.
96802	710.	1264.	16645.	9825.	56580.	4973.	2327.	4479.
96109.	761.	1444.	17464.	10462.	53609.	5223.	2465.	4679.
95114.	780.	1563.	17895.	10820.	51399.	5367.	2549.	4762.
93642.	770.	1589.	18073.	10918.	49635.	5351.	2576.	4731.
91464.	748.	1584.	18031.	10860.	47761.	5284.	2549.	4647.
88137.	716.	1551.	17673.	10658.	45385.	5170.	2466.	4519.
83043.	675.	1494.	16911.	10218.	42137.	4943.	2334.	4332.
74984.	638.	1392.	15452.	9402.	37380.	4530.	2161.	4029.
62321.	545.	1175.	12970.	7916.	30566.	3853.	1851.	3444.
44678.	397.	845.	9311.	5739.	21612.	2835.	1368.	2570.
24764.	228.	454.	5189.	3185.	11752.	1653.	790.	1512.

# AGE IMITIAL REGION OF COHORT CHUGOKU

KYUSHU	1369.	2236.	2742.	3594.	4339.	4850.	5058.	5135.	5084.	4978.	4828.	4616.	4279.	3642.	2706.	1582.
SHIKOKU	967.	1502.	1617.	1946.	2285.	2567.	2714.	2788.	2783.	2730.	2634.	2484.	2272.	1924.	1408.	803.
CHUGOKU	100000.	84310	57783.	42607.	35479.	32599.	30815.	29531.	28375.	27047.	25511.	23493.	20817.	17250.	12368.	1044.
K 1 NK 1	2411.	4349	20411.	27365.	28138.	27425.	26897.	26386.	25979.	25455.	24604.	23244.	20966.	17361.	12427.	6845.
сниви	0. 808.	1399.	4372.	6036.	7527.	8309.	8811.	9108.	9234.	9222.	9052.	8677.	1977.	6710.	4863.	2694.
KANTO	2369.	3953.	10443.	15054.	17871.	19013.	19537.	19749.	19792.	19662.	19243.	18388.	16730.	13986.	9997.	5542.
1 OHOK U	222.	378.	428.	682.	1056.	1346.	1528.	1651.	1679.	1676.	1643.	1584.	1471.	1239.	888.	476.
H0KK A I D O	,	118.	128.	313.	484.	580.	639.	664.	657.	640.	619.	589.	560.	480.	351.	203.
10141	1000U0. 98422.	98245.	97924.	97599.	97179.	96688.	95999.	95011.	93582.	91411.	88134.	83075.	75071.	62592.	45009.	25190.
	0.0	2:	20	\$	5	35	9	45	50	55	9	<b>6</b> 5	2	2	80	85

	K Y USHU	.0	573.	867.	1064.	1117.	2039.	2858.	.0225	35.53.	3632.	3647.	3620.	3544.	3428.	3222.	2775.	2087.	1232.			K Y USHU	100000-	89138.	81860.	77214.	44732.	30193.	24464 .	22165.	2057U.	19408.	18400.	17355.	16182.	14802.	13095.	10765.	7725.	4383.
	SHIKOKU	1,0000.	90154.	84762.	81340.	49139.	\$2034.	25603.	23360	21883.	20825.	19874.	18779.	17518.	15932.	13983.	11468.	8113.	4492.			SHIKOKU	.0	308.	. 264	596.	1	852.	1130.	1341.	1461.	1538.	1564.	1558.	1523.	1456.	1357.	1168.	867.	502.
	снибоки	.0	1425.	2461.	3 4 2 4 .	4160.	5232.	5915.	6265.	6474	6553.	6503.	6372.	6177.	5854.	5349.	538	1555	1936.			CHUGOKU	.0	1331.	2176.	2671.	3402	4051.	4681.	5013.	5 2 0 8.	5299.	5278.	5190.	5049.	4802.	4393.	3730.	2739.	1593.
	K I NK I	.0	3529.	-	6962.	-	34948	34941.	33679.	32772.	31982.	31356.	30622.	29564.		25069.	20683.	-	8079.			KINKI	0.		<b>.</b>			0	24646.	24200.	23871.	23521.	23192.	22731.	21966.	20739.	18681.	15456.	11051.	6082.
	CHUBU	.0	866.	1565.	2015.	5647.	7134.	8513.	9313.	9821.	10110.	10199.	10150.	. 7766	9516.	8734	7339.	5311.	2940.			CHUBU	.0	1527.	3054	4098.	12597.	13807.	14542.	15014.	15331.	15475	15429.	15204.	14758.	13970.	12665.	10539.	7550.	4143.
SHIKOKU	KAN10	.0	1368.	2263.	2891.	10011.	14837.	17435.	18410.	18948.	19187.	19257.	19132.	18707.	17848.	16216.	13548	9683.	5365.	KYUSHU	*******	<b>KANTO</b>	.0	2667.	4615.	5850.	16527.	22820.	25350.	26117.	26443.	26491.	26382.	26062.	25378.	24109.	21792.	18119.	12879.	1099.
F COHORT	тоноки	.0	100.	230.	275.	284.	603.	983.	1261.	1431.	1544.	1572.	1572.	1538.	1480.	1381.	1167.	840.	451.	REGION OF COHORT	*******	TOHOKU	.0	177.	322.	,00	385.	830.	1324.	1673.	1888.	2026.	2058.	2050.	2010.	1938.	1801.	1519.	1088.	585.
INITIAL REGION OF COMORT	10146 40664100	.0	159.	200.	244.	248.	417.	561.	671.	721.	740	728.	707.	677.	638.	601.	512.	373.	214.	REGION O	*****************	01AL HOKKAIDO	0.	229.	,111,	456.	413.	602.	802.	912.	970.	987.	. 696	939.	903.	853.	795.	672.	485.	277.
1 N I 1 I V	TOTAL H	100000.	98153.	97960.	97815.	97594.	97245.	96808.	96288.	95583.	94573.	93136.	90954.	87669.	82584	74555.	62028.	44480.	24709.	INITIAL	*****	TOTAL H	100000.	98265.	98080	97942.	97710.	97364	96939.	96435.	95744.	94745.	93272.	91089.	87768.	82669.	74579.	-	44384.	24663.
AGE		0	~	10	:	<b>5</b> 0	\$2	30	35	04	\$	50	22	60	65	02	22	80	85	AGE	:		0	~	-	15	<b>5</b> 0	\$2	30	35	0.4	÷.	20	2	90	\$9	20	22	80	85

# Multiregional net reproduction rate by region of birth: total population.

### NET REPRODUCTION RATE

OKKAID	8	1040KU	K ANTO	CHUBU	KINKI	снибоки	SHIKOKU	KTUSHU
0	0.027866		0.015015	0.009715	0.006853	0.006686	0.007424	0.009455
0,040884 0.343174	0.343174	_	0.040876	0.020994	0.011725	0.013568	0.011756	0.0152U3
0,487778 (	-	9	. 749812	0.245817	0.169631	0.214026	0.203202	0.280357
0.086149	-	0	.074126	0.578212	0.094276	0.084352	0.095802	U.142885
0.044557 (	č	0	.063927	0.120838	0.627516	0.259959	0.336863	U.236739
0,009625 (		ō	016189	0.016860	0.041285	0.371384	0.060634	0.046324
0.003598 (	-	0	.005747	0.006548	0.017725	0.021454	0.271227	U.010066
0.014392 (	-	ō	023510	0.024615	0.038224	0.048299	0.030775	0.288573
.004332 1.017140 0.	-	÷	0,9892U2	1.023600	1.007236	1.019727	1.017682	1.029604

### WET REPRODUCTION ALLOCATIONS

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10KKAID0	СНИВИ	KINKI	CHUGOKU	SHIKOKU	КҮИЗНИ
1.384336	0.009491	1.006803	0.UU6556	0.007295	0.009181
1.040708	0.020510	1.011641	0.U133U6	0.011552	0.014766
1.370006	0.240149	0.1168412	0.209885	0.199671	0.272296
0.084697 0.043806 0.09463	0, U74935 U, 564881 0 0, 064624 U, 118U52 0 0, 016366 0, 016471 0	0,093599	0.082720 0.254930 0.364200	0.094137 0.331010 0.059581	0.23
0.0	0.006397 (	.037950	0.U21U39	0,266514	U. UU9777
10.0	0.024048 (		0.U47364	0,030240	U. 280276
1.00000	.000000 1.000000 1	000000	1.00000	1.00000	1.000000

# Expectation of life at birth and migration levels: females.

## EXPECTATIONS OF LIFE

KTUSHU	0.5945 1.11689 9.5752 9.5752 14.8369 1.9248 0.9248 28.225	74.7223
SHIKOKU	0.4247 0.8455 11.5732 6.0211 20.1405 4.1223 2.1591 2.1591	74.6486
CHUGOKU	0.3655 0.9316 5.3887 5.3887 1.7774 3.2257 3.2257	75.0144
K I NK I	0.4621 0.8783 10.8552 6.6218 48.2214 3.3376 3.0225	24.9993
CHUBU	0.5753 1.4897 1.4897 4.5220 4.566 7.9424 1.3766 1.3766 1.9424 1.9066	74.8752
K AM T O	U.9531 2.9714 5.6354 5.6353 4.6596 1.3756 1.3756 1.8745	74.9684
TOHOKU	1.5527 32.58.5730 6.3852 5.2888 5.2888 3.2888 0.8395 0.3564 1.2218	74.5976
HOKKAIDO	34,2978 2,9928 2,9928 2,72332 7,7235 7,728 0,9728 0,9728 0,9728 1,7718	74.7394
	HOKKAIDO 10HOKU CHUBU CHUBU KIMKI CHUGOKU SHIKOKU KYUSHU	101AL

### MIGRATION LEVELS

HOKKAIDO TOHOKU 0.458898 0.020914 0.040041 0.454006 0.294667 0.4859028 0.019807 0.01724 0.0129945 0.044087 0.0129945 0.01724 0.012546 0.01724 0.002246 0.0163779	
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

# APPENDIX C Continued.

# Multiregional net migraproduction rate by region of birth: females.

# MET MIGRAPRODUCTION RATE

ТОНОКИ .026518 U.
.046384
452395
050972 (
0
0
U35553 0.036868
J.672044 0.858684

# NET MIGRAPRODUCTION ALLOCATIONS

НІКОКИ КТИЗНИ	007199 0.007249 007799 0.012095 0.0138224 0.010295 0.013824 0.01029163 0.013824 0.01029163 0.013824 0.011475 0.0508189 0.011477 0.029425 0.050714
CHUGOKU SH	0.004509 0.0 0.010188 0.0 0.067006 0.0 0.041551 0.0 0.148611 0.1 0.148611 0.1 0.128059 0.6
K INK I	0.008284 0.012625 0.078948 0.069225 0.0673578 0.05567 0.035647 0.035743
сниви	0.010689 0.024649 0.115520 0.685501 0.092631 0.021042 0.011032 0.042935
K ANTO	0.023237 0.069019 0.673163 0.075846 0.075846 0.075846 0.075846 0.075954 0.012907 0.052903
TOHOKU	0.023288 0.690183 0.177594 0.054482 0.054482 0.025342 0.008094 0.004155 0.016863
НОККА1 ВО	0.670967 0.132766 0.1327666 0.059858 0.05782958 0.017429 0.0106512
	HOKKA100 1040KU KAN10 CHUBU KINKI KINKI CHUGOKU SHIKOKU KYUSHU

1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

TOTAL

Appendix D

### MULTIREGIONAL POPULATION PROJECTIONS FOR THE TOTAL AND FEMALE POPULATIONS: 1980–2030

LEGEND

M.AG: mean age of population SHA: percentage of population in each region LAM: intrinsic growth ratio ( $\lambda$ ) R: intrinsic growth 1ate ( $r = 1/5 \ln \lambda$ )

### APPENDIX D

Multiregional population projections: total population.

YEAR 1980

POPULATION

		5.							
AGE	TOTAL	HOKKAIDO	TOHORU	KANTO	CH080	K I NK I	CHUGOKU	SHIKOKU	RYUSHU
0	9830648.	394428.	748044	3606581.	1675523.	1816864.	526815	254935.	827440.
~	9846821.	412658.	849701.	3332111.	1701359.	1725310.	583814.	206572.	955296.
2	8796657.	389170.	854565.	2769185.	1513235.	1480847.	545172.	280928.	963316.
:	8228417.	357716.	754065.	2742638.	1404943	1451597.	460317.	230406.	826736.
2	7921989.	314444.	\$77320.	3035980.	1312567.	1519235.	389043.	164422.	608977.
≈	9080331.	369632.	607144.	3595993.	1515240.	1766564.	444947.	178816.	601996.
2	10606520.	434428.	74 4280.	4026546.	1787736.	2010475.	579870.	257709.	754473.
32	9018447.	383636.	726569.	3162340.	1567932.	1644832.	543186.	254105.	736047.
9	8275858.	376422.	786051.	2725385.	1415715.	1430760.	507232.	255025.	781267.
\$	8042360.	376283.	848618.	2445947.	1373469.	1331799.	537931.	281544.	846768.
5	7092744.	334979.	796139.	2030542.	1231659.	1127215.	501206.	275274.	757727.
\$	5546968.	265610.	627177.	1554422.	951782.	560092.	409143.	221876.	656866.
9	4354725.	206806.	481295.	1207951.	753614.	673722.	326366.	175152.	529816.
\$9	3733320.	165541.	404734.	1006915.	657339.	594683.	287395.	155603.	461110.
2	2786415.	117832.	308882.	715096.	490414.	120211	221175.	124073.	365985
2	1830790.	73705.	203118.	456169.	322566.	282318.	152845	87808.	252262
8	957362.	36355.	100726.	228081.	165211.	142946	0830	50911.	144740
85	474587.	17030.	48670.	112172.	82578.	67111.	45312.	25040.	76674.
TOTAL	116424957.	5026674.	10471899.	38752053.	19922883.	20375369.	7150379.	3538196.	11187505.

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K Y USHU	7.3961 8.559U 8.6106	5.5810 5.5810 6.5792 6.5792	7.1305 7.1305 7.1305 7.1305 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.1315 7.	100.0000 55.7694 9.6092 0.929417 0.929417
SHIKOKU	6.6399 8.0994 7.9399	5,0539 5,0539 7,2836 7,1818	7.950 6.2785 6.2785 6.2785 6.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2858 7.2958 7.2958 7.2958 7.2958 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.2957 7.29577 7.29577 7.295777 7.29577777777777777777777777777777777777	100.0000 37.2393 3.0390 0.954266 -0.009365
CHUGOKU	7.3679 8.1648 7.6272	6.2227 6.2227 8.1096 7.5966	7.0095 5.720 5.720 5.720 5.020 5.020 5.020 5.020 5.035 1.235 0.635 1.235 0.635 1.235 0.635 1.235 0.635 1.235 0.635 1.255 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.555 0.5550 0.5550 0.5550 0.5550 0.555000 0.55500000000	100.0000 55.8940 6.1416 1.008902 0.001772
K I NK I	8.917U 8.4676 7.2680 7.12680	8.6701 8.6701 8.6701 8.0727	5,535 5,5322 5,5322 5,5322 5,5322 5,5322 5,5352 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5355 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,5555 5,55555 5,55555 5,55555 5,55555 5,55555 5,55555 5,55555 5,55555 5,555555	100.0000 32.2932 17.5009 1.095717 0.018282
CHUBU	8.4100 8.5397 7.5955 7.0510	6.5882 6.5882 8.9733 7.8700 7.8700	6.894 6.1821 5.733 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7375 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.7475 5.74755 5.74755 5.74755 5.74755 5.7475555555555	100.0000 33.4404 17.1122 1.063454 0.012304
KAN10	9.3068 8.5985 7.1459 7.0774	7.0377 9.2795 8.1605	6.5118 5.2598 5.1172 5.1172 5.4545 5.4545 1.1773 5.4545 1.1773 1.1773 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.5385 0.53850 0.53850 0.53850000000000000000000000000000000000	100.0000 31.4943 33.2850 1.116104 0.021969
тоноки	7.1433 8.1141 8.1606 7.2008	5,5130 5,7978 5,7978 6,9364	8 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	100.0000 35.6267 8.9945 0.961344 -0.007885
HOKKAIDO	7.8467 8.2094 7.7421 7.1163	6.2555 7.3534 7.6320 7.6320	7.4857 6.6640 5.2840 3.2942 2.2441 2.2641 2.2655 0.3358 0.3358 0.3358	100.0000 33.9240 4.3175 0.983240 -0.003380
TOTAL	8.4438 8.4577 8.4577 7.5556 7.0676	6.8044 7.7993 7.7461 7.7461 7.1083	6,9078 6,9078 5,7644 3,27644 1,5725 1,5725 0,8725 0,8725 0,6725	100.0000 33.2994 100.0000 1.049933 0.009745
AGE	•~55		\$\$\$\$\$\$\$\$\$\$\$\$	101AL M/AG Sha Lam

	U KYUSHU															171565.			и ктизни						5.2417										-		,	6 -0.015864
	SHIKOKU	164743	173986	183828	165146	140076		10000	157170	185660	241271.	218707	203923	1204021	109177	57494.	2866731		SHIKOKU		Ĩ		~ ~			~	~	5 80	~	~ '	~ •	~ ~		-	100.000	42.138	2.214	0100.0-
	CHUGOKU	412225.	432520.	439986.	420190.	395293.		101010	100451	468397	571599.	502747.	441812.	118120	214740	114104	6878544.		CHUGOKU	6.2837	6.2580	6.3965	1401.0	6.0544	5.8430	5.7369	5.8101	8.3099	7.3089	6.4230	0.1543		1.6588	1.0272	100.0000	40.1959	5.3140	-0.002421
	KINKI			1612667		2031058				1650869	1888217					234000.	~		KINKI						7.0850										-			0.007025
	CHUBU	1631800.	1545143.	1512892.	1544044	1600686.	101-013.	111110	1164.277	1573627.	1798764	1507433.	128/202.	155550	501380.	253592.	22758866.		CHUBU	7.1700	6.7892	0.6475	7.0112	7.0956	6.4972	6.1999	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7.9036	6.6235	5.6558	1000.1	1461-6	1.11.1	0.6462				0.005152
	KANTO	3890922.	3487957.	5307551	5673281	. 1270754	144070	1289617	3056462	3384721	3757358.	2927520.	20241172	1433780.	827087	408339. 234018.	\$0363586.		KANTO	1,1257	6.9256	6,5673	8 5106	8.4838	7.2666	6.5318	0.0688	7.4605	5.8128	1.8402	1111	10101	0.6108	0.4647	100,000	35.0515	58,906,	0.010361
	TUHOKU	524190.	545696.	581991.	5.2374	464100.		19187.	523183.	630333.	754946.	662454	2/3/62	163867	278561.	157193.	8849059.		TOHOKU	5.9237	6.1667	0.5769	5.2144	5.3862	5.3320	5.5586	C1 C1 C1 C1	8.5314	7.4862	7.1360	0,000	3.1457	1.5504	U.856O	100,0000	40.9119	0.8305	-0.007899
NO -	HOKKAIDO	279314.	271957.	271331.	511263	275755.	- DDC CD 2	261474.	257151.	306581.	357873.	2024.88	247410.	203596.	122548.	61529. 33064.	4395438.		HOKKAIDO	6.3546	6.1872	6.1750	6.2737	6.4928	6.0969	0010	0.85U4	8.1419	1110.7	6.6300	0.07014	2.7881	1.3953	0.7522	100.0000	39.5933	7445.6	-0.007275
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# APPENDIX D Continued.

### YEAR 2030

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STABLE EQUIVALENT TO ONIGINAL POPULATION

# APPENDIX D Continued.

# Multiregional population projections: females.

### YEAR 1980

K Y USHU	414291.	469604.	470369.	410656.	323538.	336210.	436335.	409763.	4 3 4 9 4 2 .	466211.	442864.	394065.	318602	273060.	216268.	151385.	91122.	52865.	6111948.
SHIKOKU	119360.	142321.	137545.	118302.	92495.	101246.	144251.	134668.	136365.	150057.	147001.	127418.	102656.	90988.	71898.	51324.	31103.	17011.	1916007.
CHUGOKU	255920.	284376.	267342.	230737.	202844	231316.	304312.	276049.	259313.	273840.	255834.	225468.	184539.	162217.	126625.	89443.	5 3941.	29959.	3714078.
KINKI	886464	836488.	722319.	11173.	753705.	890101.	1017963.	826892.	703025.	648839.	\$\$2597.	. 65531.	380093.	334720.	252662.	166003.	88686.	45991.	1U286252.
CHUBU	823128.	828598.	738172.	706221.	679866.	784917.	895591.	770941	696825.	674573.	606076.	517195.	421119.	368246.	274671.	186862.	100932.	\$5343.	10129276.
KANTO	1705771.	1600500.	1352836.	1301331.	1393359.	1672145.	1918231.	1561918.	1332597.	1192453.	1004263.	842052.	670015.	554431.	399704.	266092.	142195.	75416.	18985310.
TOHOKU	356330.	409671.	.17071.	570627.	289274.	305642.	389040	376103.	411496.	441500.	413101.	354777.	279645.	236667.	182364.	123560.	64593.	33848.	\$455314.
HOKKAIDO	191459.	201894.	191770.	176354.	159016.	193205.	232072.	197292.	189335.	182924.	163023.	139713.	109996.	87293.	62833.	41234.	21685.	11377.	2552475.
TOTAL	4752724.	4773452.	4297428.	4028401.	3893898.	4514781.	\$337795.	4553626.	4163897.	4030397.	3584759.	3066218.	2466663.	2107622.	1587025.	1075905.	594259.	321811.	59150661.
AGE	0	~	0	:	<b>5</b> 0	25	30	55	•	\$	<b>2</b> 0	22	<b>6</b> 0	65	20	22	80	85	TOTAL

## PERCENTAGE DISTRIBUTION

KYUSHU	6.7784 7.6834 7.6959	6.7189 5.29U3 5.5UU9 7.1391	7.2459	5.2128 4.6676 5.5384 2.4769 1.4909 0.8650	100.0000 37.3252 10.3328 0.946297 0.946297
SHIKOKU	6.2296 7.4280 7.1786	6.1744 4.8275 5.2842 7.5287	7.1171 7.1171 7.8318 7.6723	5.3578 5.7588 5.7525 2.6787 1.6233 0.8878	100.0040 38.3760 3.2392 0.967112 -0.006688
CHUGOKU	6.89U5 7.6567 7.1981	6.2125 5.4615 6.2281 8.1935	6.9819 6.8882 6.8882	4.9686 4.3676 3.4093 7.4083 1.4082 1.4523	100.0000 36.9972 6.2790 1.008800 0.001752
K J NK J	8.618U 8.1321 7.0222	6.943U 7.5273 8.6533 9.8963	6.8346 6.8346 6.3078 5.3722	2.6952 2.4565 1.6138 0.8622 0.8622 0.8622	100.0000 33.1410 17.3899 1.096665 0.018455
CHUBU	8.1262 8.1802 7.2875	6.9721 6.7119 7.7490 8.8416	6.8793 6.6596 5.9834	2.7117 2.7117 1.8448 0.9964	100.0000 34.2289 17.1245 1.060484 0.011745
KANTO	8.9847 8.43U2 7.1257	6.8544 7.3391 8.8076 10.1038	6.2897 5.2897 5.2897	2.920 2.920 2.1053 1.4016 0.7490 0.3972	100.0000 52.4383 52.0965 1.111590 0.021122
TOHOKU	6.5318 7.5096 7.6453	6.7939 5.3026 5.6027 7.1314	7.5724 7.5724	6,1261 1,1861 1,1862 0,6205	100.0000 37.1037 9.2227 0.962443 -0.007656
HOKKAIDO	7.9097 7.9097 7.5131	6.9091 6.2299 7.5693 9.0920	7.1177 7.1665 6.3869	2.4617 2.4617 1.6155 0.8155 0.84596 0.84596	100.0000 34.4522 4.3152 0.982546 -0.003522
TOTAL	8.0349 8.0700 7.2652	6.8104 6.5830 7.6527 9.0241	6,0505 6,8138 6,0604	2.6831 2.6831 2.6830 1.8889 1.0047 0.5441	100.0000 34.3678 100.0000 1.048747 0.009519
AGE	• • • •	\$255 G		66 65 55 55 55 56 56 56 56 56 56 56 56 5	101AL M,AG SHA LAM R

	KYUSHU	257455.	287544.	270752.	200880.2	235754	239055.	250599.	295690.	379867.	345680.		101 101	220536.	126063.	83043.	4747185.		KTUSHU	5.4229	5.6804	6.0572	10100	5.1148	4.9662	25.0157	22222	8.0020	7.2818	7.3905		4.6456	2.6555	1.7493	100.0000	1013.14	01/2./	-0.012685	
	SHIKOKU	82387.	92375.	86834	10547	61154	82913.	65773.	105137.	136850.	122650.	117010	102610	72757.	40864.	27278.	1604521.		5H1K0KU	11111	5.4306	5.7579	(21) · · · ·	5.2360	5.0585	5.1681		8.6548	7.6450	7.2565			2.5471	1.7005	100.0000	43.8384		-0.008965	
	CHUGOKU	205132.	212265.	208546.	204528.	202219	197734.	201414.	237355.	297846.	258111.		188568.	135630	77601.	51093.	3555269.		CHUGOKU	5.7698	5.8234	5.9704	0,000.0	5.9951	5.6879	5.5617	2.6622	8.3776	7.2600	6.4948	010101	5.8149	2.1827	1724.1	100.0000	41.5956		-0.002967	
	KINKI	932341. A5A215.	789859.	864655.	101285101	898255	814364.	753623.	844751.	966185.	191757.	107120	152544	291036	159961.	100539.	12729446.		KINKI	7.5243	6.5848	6.2048	0.7926	6.0585	7.0565	6.3975	5.9203	7.5902	6.1413	5.1243	1401.1	2.2865	1.2566	0.7898	100.0000	56.7152	1944.41	0.008356	
	CHUBU	788978.	736662.	773706.	840454	733046.	698236.	676134.	790889.	893444	112115.		455004	309477	169593.	.102501	11472088.		сниви	6.8774	6.5292	6.4213		7.0672	6.3898	6.0864	4.8957	7.7880	6.4776	5.5936	1 2 9 4 9 2	2.6977	1.4785	0.9185	100.0000	38.0264	1212111	0.004666	
	K AN T O	1829148.	1558887.	1708629	104444	1739045	1568468.	1465018.	1649489.	1862886.	1497052	1040411	780912	518745.	275955.	104137.	24519321.		K AN T O	7.4600	6.7098	6.3578	0.7067	8.1032	7.0925	6.3969	6,727.6	7.5976	6.1055	5.0772	1.1849	2.1157	1.1255	0.6694	100.0000	36.2080		0,010295	
	TOHOKU	232450.	268123.	. 120162	224105	222652.	232082.	247567.	298139.	369409.	526134	154047	279908.	191225.	100119.		4462536.	N011	TOHOKU	5.2089	5.5385	6.0083	49464	5.0284	4.9894	2.2007	6089 0	8.2780	7.5324	1.6772	6.2724	4.2851	2.2435	1.2933	100.0000	43.3409	900670 U	-0.010700	
z .	HOKKAIDO	127555.	128564.	129843.	140246	151267.	127798.	125701.	153569.	185297.		134746	106925.	73266.	39311.		2195536.	PERCENTAGE DISTRIBUTION	HOKKAIDO	5.8156	5.7868	5.8616	4414.0	6, 3942	5.9848	5.8267	6.9925	8.4482	7.1642	6.7145	6.8750	3.3404	1.7925	1.0547	100.0000	40.8016	420230.0	-0.008591	
	10141	4455428.	4074260.	. 4040424	128004	4245368.	3960648.	5805828.	4372800.	587899.		10000	2647814.	1812655.	989467.	. (U(2)10	<b>6652834</b> 99.	PERCENTA	TOTAL	6.8247	6.3880	6.2409	71717	7.2425	6.4999	0,066	6.6982	7.8026	6.4972	5.7066	0220.4	2.7766	1.5156	0.9379	100.000	38,2803		0.003825	
	AGE	0 •	2:	29	22	20	5	9	\$			\$	02	2	8	6	TOTAL		AGE	0	~	2:		:2	2	5	33	50	5	9	32	2	80	8	LOTAL	9,46		•	

POPULATION

### APPENDIX D Continued. 110

<b>A</b> 6E	101AL	H0KK A 1 0 0	TOHOKU	KANTO	CHUBU	KINKI	CHUGOKU	SHIKOKU	KYUSHU
0	4404810.	, 20U09.	176786.	1981289.	769530.	95326U.	175568.	65832.	192539.
•	4245149.	92177.	191615.	1851255.	757986.	890765.	184363.	72027	204911.
2	4146672.	92463.	202123.	1774601.	749162.	852112.	188950.	75577.	211683.
2	4210031	56366.	179970.	1863372.	750895.	896901.	176235.	66751.	187538.
2	440U311.	88569.	153927.	2030488.	755242.	987011.	164000.	58511.	162564.
2	. 503935.	96287.	166797.	2057468.	761488.	1005753.	175043.	64579.	176521.
5	4355127.	97641.	181065.	1937705.	749584.	V48938.	182865.	69770.	187563.
5	4U87967.	94548.	185917.	1779071	715667.	871968.	181 284.	71246.	155267.
7	3965575.	93674.	192152.	1700692.	702596.	\$30909.	182358.	72668.	190526.
Ş	4136215.	99391.	208841.	1755114.	739340.	855129.	195128.	78780.	204491.
2	4433632.	108639.	229534.	1858442.	797420.	912553.	214629.	87785.	224629.
5	635953U.	108988.	232628.	1799019.	787319.	895230.	217740.	89879	228727.
9	3745560.	97000.	207196.	1522651.	676456.	767620.	191015.	78487	205135.
<b>65</b>	3242744.	88199.	189484.	1286781.	590444	659488.	168564.	70608.	188875.
20	2725427.	77102.	170225.	1055198.	496194.	542245.	148670.	62777.	172977.
22	2463098.	74193.	157415.	932655	453061	482491	139294.	59533.	164455.
80	1889727.	59407.	124282.	689785.	336525.	366070.	117830.	52722	143106.
85	1078697.	35617.	73092.	376693.	189564.	202199.	72875.	33433.	95224
1014	66394207.	1582269.	3223046.	2825280.	11778473.	13920683.	3076710.	1231015.	\$\$29730.
	PEACENTAGE	GE ØISTRIBUTION	NOI						

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ктисни	5.7824	6.1540	6.3574	5.6322	4.8822	5.3013	5.6330	5.6541	5.7220	6.1414	6.7462	6.8692	6.1607	5.6724	5.1949	4.9390	4.2978	2.8598	100,000	43.0557	5.0151	0.953339	-0.009557
SHIKOKU	5.3478	5.8551	6.1394	5.4224	4.7530	5.2460	5.6677	5.7876	5.9031	6.3996	1151.7	7.3012	6.3758	5.7358	5.0996	4.8361	4.2528	2.7159	100.0000	45.5157	1.8541	0.964636	-0,007201
CHUGOKU	5.7064	5.9922	6.1413	5.7280	5.3304	5,6893	5.9435	5.8921	5.9270	6.3421	6.9759	U77U.7	6.2084	5.4885	4.8321	4.5274	3.8298	2.3686	100,0000	42.1594	0,63.4	0.976101	-0,004838
KINKI	6.8478	6.3989	6.1212	6.4429	2040.7	7.2249	6.8167	6.2638	5.9689	6.1429	0.5554	6.4309	5.5142	4.7375	3.8955	3.4660	2.6297	1.4525	100.000	38.8793	20.9667	1.005881	0.000775
08043	6.5334	6.4354	6.3604	6.3752	6.4121	6.4651	6.3640	6.0761	5.9651	6.2770	6.7702	6.6844	5.7432	5.0129	4.2127	3.8465	2.8571	1.6094	100,0000	39.8126	17.7402	0.996782	-0.000645
KANTO	7.0128	6.5526	6.2813	6.5955	7.1870	7.2825	6.8586	6.2971	2610.9	6.2123	6.3780	6.3677	5.3895	4.5546	3.7349	3.3012	2.4415	1.3333	100.0000	38.3303	· · · · 5 5 2 3	1.011558	0,002298
1 0H 0K U	5.4851	5.9452	6.2712	5.5839	4.1758	5.1751	5.6178	5.7684	5.9618	6.4796	7.1216	7.2176	6.4286	5.8790	5.2815	4.8840	3,8560	2.2678	100,0000	43.0973		0.955931	-0.00014
HOKKAIDO	5.6884	5.8256	5.8437	5.5849	5.5976	6,0854	6.1710	5.9754	5.9202	6.2816	6.8661	6.8881	6.1304	5.5742	4.8729	4.6890	3.7546	2.2510	100,0000	42.3595	2.3831	0.947662	-0.010752
TOTAL	6.6343	6.3939	6.2455	6.3410	6.6275	6.7836	6.5595	6.1571	5.9728	6.2298	6.6777	6,5661	5.6414	4.8841	4.1049	3.7098	2.8462	1.6247	100,0000	39.5556	100.0000	0.997284	-0,000544
AGE	0	~	2	:	0 <b>2</b>	<b>\$</b> 2	<b>9</b> 0	55	9	\$	50	2	<b>6</b> 0	65	20	2	80	85	TOTAL	M, AG	SHA	LAN	=

76120         10175         210000         74001         970112         190711         970112           77720         10101         77072         100001         101011         71011         970111           7711         10101         77072         101011         71011         97011         101011           7711         10101         71011         71011         71011         97011         101011           7711         10101         71011         71011         71011         71011         71011           7711         71011         71011         71011         71011         71011         71011           7711         71011         71011         71011         71011         71011         71011           7711         71011         71011         71011         71011         71011         71011           77011         71011         71011         71011         71011         71011         71011           77011         77011         77011         77011         77011         77011         77011           77011         77011         77011         77011         77011         77011         77011           77011         77011	4424938.		TOHOKU	KANTO	CHUBU	KINKI	CHUGOKU	SHIKOKU	ктизни
7,245.       10,2200.       2012701.       7,58,55.       10124.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014.       1014. <td>1395540.</td> <td>69120.</td> <td>163753.</td> <td>2149954.</td> <td>734035.</td> <td>920112.</td> <td>156710.</td> <td>59067.</td> <td>171905.</td>	1395540.	69120.	163753.	2149954.	734035.	920112.	156710.	59067.	171905.
7114         7112         70224         79425         91417         114316         71145           7236         110045         2112906         718003         91417         145112         91417           7236         110147         2112706         718003         91417         145112         91417           7236         110147         21403         91417         145112         91417         145112           7331         10043         200446         71403         91417         145112         91417           7331         10043         200444         71403         91417         145112         91417           7331         10043         100431         21403         142414         91417         14114           7331         100431         1451011         1451011         1451011         1451011         1451011         14114           7446         144147         1451011         1451011         1451011         1451011         14114           7441         1451011         1451011         1451011         1451011         141114         141114           7441         144111         144117         1451112         1451112         145111         141114     <		72826.	182269.	2082907.	745885.	887915.	169804.	66431.	187505.
0.911.       101.4.1       101.4.2       2112700.       744.77       91.817.1       151.10.4       151.10.4         7.81.1.       170.91.2       2112710.       754.012       91.811.1       151.10.4       151.10.4         7.81.1.       170.91.2       201914.1       774.002       89.93.11       173.11.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       151.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4       171.10.4	. 197979.	73445.	194332.	2052214.	758274	874555.	178556.	71024.	195278.
72285         131004         2147796         714003         975917         145105         51317           73110         171076         2147796         975917         145295         975917         145105         51317           73110         17026         2131795         975917         975917         975917         975917           73110         17026         2131791         24005         875911         177314         97591           73110         19227         199171         24005         875911         177314         97591           77311         196917         194101         194171         194171         197794         97914           71910         199101         199101         1951011         840147         117734         95914           71601         1951011         1951011         11517124         11517124         115171         11071404           71601         1951011         1951011         11517124         11517124         1151712         11071404           716010         1951011         1951011         1951011         1117172         11517124         11071404           1144772         242024         115101191         11517790         210919	199633.	68514.	167852.	2112598.	149427	9U8652.	165284.	61385.	167920.
72846.       1314479.       710976.       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344       95.344 <td>396999.</td> <td>66367.</td> <td>139083.</td> <td>2182936.</td> <td>718403.</td> <td>951817.</td> <td>145123.</td> <td>51815.</td> <td>141455.</td>	396999.	66367.	139083.	2182936.	718403.	951817.	145123.	51815.	141455.
78410.       78410.       78410.       78410.       78410.       78410.       78410.       78410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       778410.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.       77840.	389982.	72284.	151047.	2154719.	706978.	9426U5.	152106.	56580.	153662.
77837         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713374         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713475         713456         713456         713456         713456         713456         713456         713456         713456         713456 <th7136< th="">         713466         713466</th7136<>	379052.	76510.	170394.	2049346.	719107.	916577.	1646U2.	65238.	169478.
7135.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71405.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71451.         71441.         71441.         71441. </td <td>362094</td> <td>71817</td> <td>184292.</td> <td>2053443.</td> <td>729762.</td> <td>895734.</td> <td>175574.</td> <td>68450.</td> <td>179195.</td>	362094	71817	184292.	2053443.	729762.	895734.	175574.	68450.	179195.
7416.       192.12.       192.11.       755711.       666.57.       177914.       755711.         77310.       192.01.       192.01.       192.01.       177914.       755711.       755711.       755711.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       77734.       75371.       75371.       75342.       75342.       75342.       75343.       75342.       75343.       75342.       75343.       75343.       75342.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       75343.       7534	.197615.	77835.	191893.	2017125.	734905.	879491.	178306.	71187.	185045.
77380. 102014. 1044077 755711. 846147 17554. 7728. 77275. 185997 177930. 679900. 786514. 167864. 7738. 19695. 159791. 150044. 150045. 19192. 17591. 1071401. 24665. 115151. 102742. 20049. 1151924. 1151724. 20041. 27661. 7744. 102742. 276659. 1151924. 1151724. 20041. 27661. 7744. 102742. 276659. 1151924. 11517701. 2715611. 1071401. 1146772. 2642024. 31530319. 11517234. 11517701. 2715611. 1071401. 114672. 2642024. 31530319. 11517234. 11517701. 2715611. 1071401. 114672. 2642024. 31530319. 11517234. 11517701. 2715611. 1071401. 466 b15181801104 466 b15181801104 466 b1518 b16180 c0000 KMH10 C00001 K1Mk1 C0000KU 54125 56407 2600 c0000 00000 00000 K1Mk1 C0000KU 54125 56407 2600 c0010 00000 00100 001020 001220 56407 60177 60127 60127 60101 201028 57200 57754 60177 60127 60127 60101 201028 57200 57754 60179 601012 60101 601028 56407 5000 0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000	287676.	76516.	194232.	1983313.	734002.	864657.	179515.	72514.	185128.
70766.         166944.         777304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         779304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         759304.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.         75000.	214547.	73810.	192014.	1944057.	725711.	848147.	177554.	72342.	180311.
66821.         758939.         7777304.         67930.         778934.         167804.         758344.         19747.         55834.           74455.         115131.         115101.         105101.         105101.         105101.         550465.         510945.         55834.           74455.         115131.         102742.         270645.         510942.         55649.         20041.           74455.         115121.         102742.         270645.         1151724.         216494.         20041.           75910.         7494.         102742.         276659.         115171.         107140.         21064.           75910.         7443.         7443.         2165174.         11517790.         27640.         20040.           75910.         7443.         7443.         21660.         2764.         2160.         2764.           7660.         7447.         0.1947.         11517790.         21791.         21791.         21791.           7660.         7447.         0.4917.         0.4917.         0.4127.         0.4197.         21994.           7660.         7441.         7441.         7441.         7441.         24012.         27290.           7660.         7441.	0098600.	70726.	186934.	1887680.	708751.	824030.	173880.	70778.	175821.
\$1990.         106881.         19709.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.         51990.	1914147.	66821.	178989.	1797304	679300.	786534.	167866.	67808.	164523.
\$4456.       119131.       112742.       500456       6917781.       119247.       56697.         \$7465.       11911.       102742.       270645       691779.       119347.       10661.         \$7465.       11911.       102742.       270645       691779.       100401.       10661.         \$7465.       11911.       102742.       270645       991779.       10661.       10661.         \$1910.       \$46000.       1151724.       11517790.       2715011.       107140.       20001.         \$1040.       \$16005.       \$16005.       \$16007.0       271511.       107140.       27001.         \$1040.       \$16006.       \$11517790.       \$17790.       \$71511.       107140.       27001.         \$1040.       \$16006.       \$1107.00.       \$11517790.       \$17101.       \$17101.       \$17101.         \$1040.       \$1040.00.       \$1111.00.       \$11141.00.       \$11141.00.       \$11140.00.       \$11140.00.       \$11140.00.00.00.00.00.00.00.00.00.00.00.00.0	3616897.	61969.	166861.	1650071.	630466	726635.	157202.	63588.	160086.
24065:         111352.         1007473.         50005.         55005.         55006.           19510.         66000.         53942.         105103.         20001.         22001.           1140702.         264204.         31530319.         11519734.         1365031.         2001.         220001.           AGE         01310.         11519234.         11519234.         1353034.         11519234.         22000.           AGE         01310.         01310.019.         11519234.         1353034.         11519234.         27000.           AGE         01310.01         KANTO         CHUBU         KIML         CHUCU.         271501.           AGE         01310.01         KANTO         CHUBU         KIML         CHUCU.         271501.           AGE         01310.01         KANTO         CHUBU         KIML         CHUCU.         271501.           AGE         13130.010         1010.010         KANTO         CHUBU         XIML         XIML           AGE         21304         KANTO         CHUBU         KANTO         XIML         XIML           AGE         21304         KANTO         CHUBU         XIML         XIML         XIML           AGE	3143592.	54436.	146153.	1422490.	550456.	650798.	1 19247	56851.	143162.
2001.         71944.         70242.         2786.9         7444.         3000.           1140702.         264004.         1593101.         107102.         7494.         2000.           1140702.         2642024.         3159319.         1151724.         1367790.         2715011.         107140.           AGE         0151741801104         KANTO         CHUBU         K1ML         2715011.         107140.           AGE         01500K         KANTO         CHUBU         K1ML         107140.         27000.           AGE         01500K         KANTO         CHUBU         K1ML         271501.         107140.           AGE         0100K         KANTO         CHUBU         K1ML         CMUGOKU         341500.           AGE         0101K         CANTO         CHUBU         K1ML         CMUGOKU         34157           0101K         0.1500         CHUBU         K1ML         CMUGOKU         54272         0.1917           0101K         0.1517         0.1517         0.1917         0.1917         0.1912         0.1917           0101K         0.1914         0.1917         0.1917         0.1917         0.1912         0.1912           01111         0.191	2446834.	42465.	113352.	1097475.	4 30065.	491212.	111251.	4 5 6 9 7	115319.
19510.         60000.         \$\$9342.         185051.         200702.         \$2000.           1140702.         2842024.         31850319.         11519234.         195171.         1071480.           4GE         0114012.         2842024.         31850319.         11519234.         19877790.         2715611.         1071480.           4GE         0110000         KANTO         CHUBU         KIMKI         CHUCUV         2715611.         1071480.           4GE         0110000         KANTO         CHUBU         KIMKI         CHUCUV         2715611.         1071480.           4GE         010000         KANTO         CHUBU         KIMKI         CHUCUV         271591.         1071480.           4GE         101000         100100         KANTO         CHUBU         KIMKI         CHUCUV         57100.           4GE         2106         6.4772         6.4772         6.4772         6.4772         5.7700           57001         6.4772         6.4772         6.4772         6.4772         6.4772         5.7700           57071         6.4091         6.4772         6.4772         6.4772         6.4772         5.7700           57771         6.4772         6.4772 <t< td=""><td>1583144.</td><td>27691.</td><td>71974.</td><td>702742.</td><td>278639</td><td>114504</td><td>74745</td><td>30663.</td><td>78294</td></t<>	1583144.	27691.	71974.	702742.	278639	114504	74745	30663.	78294
114672.       2842024.       J183UJ19.       115172344.       J187779U.       2713611.       107148U.         AGE       B15141BUTOM	1052560.	19510.	46600.	454342.	185051.	209702.	52688.	22060.	57606
AGE DISTRIBUTION MOKATED TONORU KANTO CHUGU KINKI CHUGORU SHIROKU HUTOKU SANTO CHUGU CHUGU SHIROKU HUTOKU SANTO CHUGU KINKI CHUGORU SHIROKU HUTOKU SANTO CHUGU CHUGU CHUGU SHIROKU HUTOKU SANTO CHUGU CHUGU SHIROKU HUTOKU SANTO CHUGU CHUGU SHIROKU HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU SANTO HUTOKU SANTO CHUGU SANTO CHUGU CHUGU CHUGU CHUGU HUTOKU SANTO CHUGU SANTO CHUGU SANTO CHUGU	. 2008287	1148792.	2842024.	,91803818	11519234.	13877790.	2715611.	1071480.	2812755.
HOKKAIDO         IOHOKU         KANTO         CHUBU         KINKI         CHUGOKU         SHIKOKU           6-U198         5,7018         6,7302         6,3722         6,6317         5,7707         5,5720           6-U198         5,7018         6,5377         6,1918         6,5729         6,5770         5,5720           5,7011         6,6173         6,6177         6,1918         6,5729         6,5770         6,5729           5,7011         6,6173         6,6173         6,6173         6,5729         6,5729         6,5717           5,7021         6,1918         6,5729         6,5717         6,1918         6,5729         6,1918         6,5729           5,7711         6,1918         6,5723         6,1917         6,1918         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919         6,1919	PERCENT	GE DISTRIBUT	110M						
0.01168         5.7701         5.011         5.7701         5.570           0.01168         5.771         0.0517         0.0517         5.570           0.1018         0.6113         0.6127         0.0517         0.570         5.570           0.1018         0.6127         0.1018         0.6577         0.1018         0.6279         0.1019           0.1011         0.6127         0.6127         0.5177         0.1018         0.6279         0.2186           0.1012         0.6127         0.6177         0.1774         0.1774         0.1775         0.1775           0.1012         0.6177         0.1776         0.1772         0.1772         0.1772         0.1772           0.1012         0.1771         0.1771         0.1772         0.1772         0.1772         0.1772           0.1012         0.1761         0.1771         0.1772         0.1772         0.1761         0.1011           0.1771         0.1771         0.1772         0.1772         0.1761         0.1011           0.1771         0.1771         0.1772         0.1772         0.1011         0.1011         0.1017           0.1771         0.1771         0.1771         0.1771         0.1017	TOTAL	HOKKAIDO	TOHOKU	K AN T O	CHUBU	KINKI	CHUGOKU	SHIKOKU	KYUSHU
6.1194         6.4113         6.5137         6.1941         6.5139         6.5129         6.5194         6.5129         6.5260           5.9640         5.9061         6.6129         6.5129         6.5129         6.5129         6.5129         6.5260           5.9640         5.9061         6.6129         6.5129         6.5129         6.5129         6.5260           5.9640         5.9141         6.5129         6.5129         6.5129         6.5129         6.5129           5.9721         5.9143         6.1231         6.1234         6.9124         6.9124         5.2200           6.7754         5.9143         6.1217         6.1217         6.1124         6.1284         5.2200           6.7754         6.9131         6.1217         6.1121         6.1121         5.2100         5.1124           6.4123         6.1121         6.1121         6.1121         6.1013         6.1013           6.4123         6.1121         6.1213         5.1912         6.1121         6.1013         6.1013           6.4123         6.4123         6.1121         5.1124         5.1214         6.1013         6.1013           6.4123         5.4112         5.4112         5.4113         5.4113 <td>6.5228</td> <td>6.0168</td> <td>5.7618</td> <td>6.7502</td> <td>6.3722</td> <td>6.6317</td> <td>5.7707</td> <td>1512.2</td> <td>6.1137</td>	6.5228	6.0168	5.7618	6.7502	6.3722	6.6317	5.7707	1512.2	6.1137
	6.4795	6.1394	6.4133	6.5397	6.4751	6.1981	6.2529	6.1999	6.666.9
5,7640         5,7001         6,6129         6,5059         6,417         6,012         5,770           6,2282         5,1148         6,517         6,172         6,172         6,172         5,171           6,2822         5,1148         6,771         6,172         6,172         6,172         5,191         5,170           6,7754         6,471         6,172         6,172         6,172         5,191         5,191           6,7754         6,471         6,172         6,172         6,191         5,191         5,191           6,7754         6,471         6,191         6,191         6,191         6,191         5,191           6,7754         6,472         6,191         6,191         6,191         6,191         5,191           6,1754         6,191         6,191         6,191         6,191         6,191         5,191           6,1754         6,191         6,191         6,191         6,191         6,191         6,191           6,191         6,191         6,191         6,191         6,191         6,191         6,191           6,192         6,191         6,191         6,191         6,191         6,191         6,191           6,192<	6.4831	6.4368	6.8378	6.4433	6.5827	0.10	6.5678	6.6286	6.9426
2.777         2.7803         0.5817         0.7285         0.9394         0.4817         0.7285         0.9394         0.4817         0.7285         0.9394         0.4817         0.7285         0.9394         0.4917         0.7285         0.9394         0.4917         0.7285         0.9394         0.4917         0.7285         0.9394         0.4917         0.7285         0.9394         0.7285         0.7285         0.9394         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285         0.7285 </td <td>6.4855</td> <td>5,9640</td> <td>5.9061</td> <td>6.6329</td> <td>6.5059</td> <td>6.5475</td> <td>6.0128</td> <td>5.7290</td> <td>5.9699</td>	6.4855	5,9640	5.9061	6.6329	6.5059	6.5475	6.0128	5.7290	5.9699
0.2022         5.1148         0.5051         0.1775         0.5012         5.0112         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013         5.0013<	6.4816	5.777	4.8938	6.8537	6.2365	6.8586	5.3440	4.8359	5.0291
0.1764         0.1975         0.1971         0.1277         0.1974         0.1981         0.1981           0.1774         0.1770         0.1971         0.1972         0.1974         0.1984         0.1984           0.1774         0.1770         0.1971         0.1972         0.1974         0.1984         0.1984           0.1774         0.1770         0.1974         0.1974         0.1974         0.1984         0.1984           0.1774         0.1974         0.1974         0.1974         0.1974         0.1974         0.1984           0.1781         0.1974         0.1974         0.1974         0.1974         0.1974         0.1974           0.1781         0.1974         0.1974         0.1974         0.1974         0.1984         0.1974           0.1781         0.1974         0.1974         0.1974         0.1974         0.1984         0.1974           0.1814         0.1774         0.1774         0.1774         0.1774         0.1774         0.1984           0.1914         0.1914         0.1914         0.1914         0.1914         0.1914         0.1914           0.1914         0.1914         0.1914         0.1914         0.1914         0.1914	6.4713	6.2922	5.3148	6.7651	6.1374	6.7422	5.6012	5.2806	5.4631
0.7776         0.4465         0.1372         0.1372         0.1374         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381         0.1381<	6.4552	6.6426	5.9955	6.5913	6.2427	6.6046	6.0613	5.9019	6.U254
0.0473         0.7740         0.23731         0.03730         0.1378         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1307         0.1010         0.1010         0.1017         0.1010         0.1017         0.1013         0.1017         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013         0.1013 <th0.1013< th=""> <th0.1013< th=""> <th0.1013< <="" td=""><td>6.4302</td><td>0.7764</td><td>0.4845</td><td>0.4472</td><td>6.3352</td><td>6.4544</td><td>6.3843</td><td>6.3883</td><td>6.3707</td></th0.1013<></th0.1013<></th0.1013<>	6.4302	0.7764	0.4845	0.4472	6.3352	6.4544	6.3843	6.3883	6.3707
0.0412         0.8353         0.1020         0.1125         0.61010         0.61010         0.61010           0.1056         0.7703         5.9267         0.1026         0.1036         0.51510         0.51510           0.1056         0.7703         5.9267         0.1036         0.1036         0.51715         0.1036           5.9462         5.7173         5.9267         0.1026         0.1036         0.51715         0.1036           5.9462         5.7181         5.7181         5.41815         0.1219         0.1518         0.1219           5.9462         5.8171         5.8771         5.6410         5.8711         5.6417         5.1263           5.9462         5.7181         5.7181         5.7281         5.7284         5.7284           5.9461         5.7181         5.7184         5.7284         5.7284         5.9164           1.6063         1.7111         5.7294         1.6647         1.7284         5.0548           1.6063         1.6010         100.0000         100.0000         100.0000         1.9177         5.0548           1.6063         1.5111         1.002.0000         100.0000         100.0000         1.9797           1.6013         1.6102	0.385		0.7520	1665.0	6.3798	6.3374	6.566U	6.64.38	6.5078
0.1500 0.7703 0.1070 0.1904 0.1113 0.1719 0.1719 0.1719 5.1942 0.5703 0.1704 0.1228 0.1113 0.1219 0.1719 5.1942 5.1120 1.1040 0.1121 5.0010 5.1885 5.1245 5.1942 5.1120 1.1040 1.1445 5.1713 5.2010 5.1885 5.1275 5.1945 5.1120 1.1445 5.11917 5.1496 5.1275 5.1199 5.1945 5.1226 5.1206 5.1778 5.1949 5.1275 5.1956 5.1945 5.1226 5.1206 5.1778 5.1949 5.1275 5.1956 5.1940 1.0401 10.1040 5.1457 5.1187 5.2941 2.7241 2.7564 1.6903 11.6427 5.1066 7.1462 7.1411 1.9412 2.0568 1.6903 11.6429 19.6000 101.0001 101.0001 101.0001 1.6903 11.6499 19.8040 19.8040 19.8244 1.2494 1.2494 1.6010 000 100.0000 101.0001 101.0001 101.0001 1.6903 1.1129 10.6000 101.0001 101.0001 101.0001	0,20,0	2040.0	0.63.0	0.2270	0.3720	6.2305	0.0.0	0.070	0.5106
0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.00000         0.000000         0.00000         0.00000         0.000000         0.0000000         0.0000000         0.0000000							0.000		
5.1942         5.2102         5.1942         5.1012         5.121         5.1012         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1210         5.1201         5.1310         5.1201         5.1310         5.1201         5.1310         5.1201         5.1310         5.1201         5.1310         5.1201         5.1310         5.1201         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310         5.1310 </td <td>1042</td> <td></td> <td></td> <td></td> <td></td> <td>0.64.0</td> <td></td> <td></td> <td>0.000</td>	1042					0.64.0			0.000
1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1		2701 5							
1.000         1.001         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010         1.010 <th< td=""><td>071 9 7</td><td>2 1 1 1 2</td><td>4071 5</td><td></td><td>1111</td><td></td><td></td><td></td><td></td></th<>	071 9 7	2 1 1 1 2	4071 5		1111				
2.4105         2.5125         2.4004         2.4189         2.7542         2.6617           1.6005         1.14597         1.4422         2.0044         2.0518         2.0618           100.0001         100.0001         1.4422         1.4005         1.5411         1.4412         2.0618           100.0001         100.0001         101.0001         101.0001         101.0001         101.0001         1.4428         1.4579         2.0618           100.0001         100.0001         101.0001         101.0001         101.0001         1.4428         1.45498         1.45498           0.00101         1.1429         1.45404         1.45404         1.45498         1.45498           0.00101         0.00101         0.49471         0.49471         0.494771         0.494771	3.6069	3.6465	9884	1577 5	1111	101 5	1900.4		6660 7
1.000 1.000 1.017 1.4422 1.000 1.511 1.012 2.0580 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 40.0209 41.1459 35.649 19.8246 9.94.658 41.2446 1.6914 4.1969 4.64.9906 15.8845 39.1628 41.2446 1.6914 0.99771 0.997971 0.997971 0.997971 0.997971		5017 2	5015 0	1400 0		1 100 0			
100-0000 100-0000 100-0000 100-0000 100-0000 100-0000 0.02039 11.128 3646 39.8466 39.1628 11.269 11.269 1.6914 11.259 10.6910 15.8805 20.452 1.2013 1.2775 0.99771 0.99771 0.99771 0.99771 0.99771 0.99771	1.5516	1.6983	1.6397	1.4422	1.6065	1.15.1	1.9402	2.0588	0410.5
0.099701 0.09170 0.00100 0.00120 0.10200 0.12000 0.12000 1.0012 0.10120 0.00100 0.0010 0.00120 0.00101 0.12010 0.00101 0.00101 0.00101 0.00101 0.00101 0.00101	100.000	100.0000	100.0000	100.0000	100-000	100.0000	100,000	000.001	100.000
1,6934 4,1894 46,9506 16,9005 20,4572 4,0031 1,5795 0,997971 0,997971 0,997971 0,997971 0,997971 0,997971 0,997971	39.4375	40.2039	41.1439	38.8649	19.4246	1474	N040-14	41.9444	1020.03
0.997971 0.997971 0.997971 0.997971 0.997971 0.997971 0.997971	000.000		1001	9050 97	16.9805	20.4572	1110.4	1.5705	
	120200.0	0	1.997971	0.997971	0.997971	100707	0.007071	0 997971	1 0 0 0 0 1
		1							

Appendix E

### MIGRATION STATISTICS IN JAPAN

Migration data in Japan are derived from two major sources: the population census and the registration system. This appendix describes the main features of the population census and the population register and performs a comparative analysis of migration data derived from both sources.

### E1 SOURCES OF MIGRATION DATA

### E1.1 Population Censuses

The first population census in Japan was carried out in 1920. Since then, there have been large scale censuses taken every October at 10 year intervals with simplified counts made during the intervening years, the 13th being the 1980 census. (The 1945 census was postponed until 1947 because of war.)

Since 1950, censuses in Japan have been based on *de jure* population, whereas before that date they were based on *de facto* population. In these censuses populations by place of birth, place of work, and place of schooling have often been surveyed in addition to *de jure* and *de facto* populations. Before the 1960 census, the place-of-birth question was the only source for migration data. In 1960 the usual place of residence at exactly 1 year prior to the census was recorded for the population of 1 year of age and over. Its results were tabulated by sex and age, and further by labor force status, occupation, and industry. From these results a sex- and age-specific origin-destination (O-D) matrix of the number of interprefectural migrants between October 1, 1959 and October 1, 1960 can be obtained. These figures are from a 10 percent sample tabulation, which presents data for the 1-14, 15-19,  $\dots$ , 25-29, 30-39,  $\dots$ , 70-79, and 80+ age groups.

In 1970 the usual place of previous residence taken up exactly 1 year prior to the census was no longer recorded. Instead it was ascertained whether the last migration took place during the last year or during the last 5 years. The migration recorded was then the last migration (i.e., migration from previous place of residence to current place of residence). The results were classified by sex and age group, and for each classification they were tabulated by level of education, labor force status, occupation, industry, and so forth. From this, one can obtain the O-D migration matrix showing the number of last migrations by prefecture of previous residence and prefecture of present residence, during the period October 1969 to September 1970 and the period October 1965 to September 1970. The age groups in this analysis are 0-4, 5-9, ..., 30-34, 35-44, ..., 55-64, and 65+; the figures are derived from a 20 percent sample tabulation.

In the census of October 1, 1980 the period in which the last move occurred and the prefectures of previous and current residence were surveyed. The following periods were considered: October 1979 to September 1980 and October 1975 to September 1980. The age groups in it are  $0, 1-4, 5-9, \ldots, 80-84$ , and 85+. The figures for the 5-year period are from a 20 percent sample tabulation, and the ones for the 1-year period are from the complete enumeration.

### E1.2 Population Register

While the population registration systems in some European countries are well known, the system in Japan seems not as familiar to the world in spite of its long history. Since 1872, annual statistics of in- and out-migration were obtained by a registration system on the basis of the Family Registration Law, but they were imperfect. In 1914, the Temporary Domicile Law was enacted, requiring people who had a temporary address or residence other than their permanent domicile for more than 90 days to make their in- and out-migration notification as a temporary resident. Thus began the registration of in- and out-migration. Because of under- and misreporting, however, it was difficult to maintain a high level of accuracy in the migration statistics.

In the postwar years, population mobility surveys were made in accordance with the Staple Food Control Law. Their results were totalized and tabulated monthly since August 1948, and their annual results (from November to October) were published as the Annual Investigative Report of Population Migration by the Food Agency, Ministry of Agriculture and Forestry. These reports were used for the estimation of population by prefecture carried out every year by the Prime Minister's Office as an extrapolation for census populations. But their use was discontinued with the 1955 report and replaced by migration statistics based on the Resident Registration Law and subsequently on the Basic Resident Register Law.

The Basic Resident Register Report contains data on population migration derived from the Basic Resident Registers kept by the heads of municipalities (*Shi* or city, *Machi* or town, *Mura* or village and *Tokupetso Ku* or special wards) in accordance with a provision of the Basic Resident Register Law (1967).

Before the Basic Resident Register Law there was the Resident Registration Law (1951), in accordance to which information on migration was collected and published from January 1, 1954 to November 9, 1967.

According to a provision of the more recent Basic Resident Register Law, residence cards were introduced and municipal heads reported (through prefectural governors to the Prime Minister) the number of in-migrants by sex and by locality of previous residence (prefectures, the Tokyo special-ward area, Kobe, Kita-Kyushu, Sapporo, Kawasaki, Fukuoka, and foreign countries). The migration data, however, excluded persons without Japanese nationality, those not under the application of the Family Registration Law, and those who changed their residence within the same municipalities.

The registration information is collected monthly according to a fixed form and is published quarterly and annually through the following process:

 The heads of municipalities, excluding the nine largest cities, produce a table of registration statistics and remit it to their prefectural governors.

- (2) The heads of the nine largest cities produce the same table by ward and remit it to their prefectural governors.
- (3) The prefectural governors remit the tables sent by municipal heads (including those of the nine largest cities) to the Director of the Statistics Bureau in the Prime Minister's Office.
- (4) The Statistics Bureau collects and publishes them under the titles The Quarterly Report on the Internal Migration in Japan Derived from the Basic Resident Registers, in which the monthly number of migrants is recorded, and The Annual Report on the Internal Migration in Japan Derived from the Basic Resident Registers, in which the annual number of migrants is reported.

Though registration statistics in Japan have some defects and cannot be expected to be completely accurate, they have few precedents as a nationwide and annually obtainable source of migration statistics.

The chief tables in the annual report of the basic residence register are:

- 1. Number of intra- and inter-prefectural migrants by sex and month, for Japan, each year
- 2. Number of migrants by sex and month, for prefectures, each year
- 3. Number of in- and out-migrants by sex and origin or destination, for prefectures and for ten major cities (nine of the largest cities and the Tokyo special-ward area), each year.

The quarterly and annual reports on internal migration use several terms, which are worth describing here.

*Migrants* refer to those persons who changed their addresses and crossed municipality boundaries, those who immigrated from or emigrated to foreign countries, those who were exempt from the application of the Basic Resident Register Law, that is, those who were not of Japanese nationality and those whose previous addresses were unknown. As a result there may be some undercounting of migrations. Migrants during a particular month or year refer to those who reported their move to the local offices or those who were registered *ex officio* in the Basic Resident Registers during the period. These migrants, therefore, do not necessarily refer to the actual moves in the period but rather to the move registrations, which may be delayed.

Intra-prefectural migrants refer to those persons who moved across a municipal boundary within the same prefecture.

Inter-prefectural migrants refer to those persons who moved across a prefectural boundary.

In-migrants refer to those persons who moved into a municipality (prefecture) from another municipality (prefecture).

Out-migrants refer to those persons who moved out of a municipality (prefecture) into another municipality (prefecture). The number of out-migrants in this report was computed by the Statistics Bureau using the returns on the previous addresses of in-migrants, and therefore they are not necessarily equal to the number of persons who received the out-migration certificates. Some people may leave municipalities without registering during the same period in the municipality of in-migration. The total number of out-migrants, however, is equal to that of in-migrants because the number of out-migrants in this report is totalized by locality of previous residence recorded in in-migrant notifications.

Net migration was computed as the difference between in-migrants and out-migrants for each prefecture and each of the ten major cities (nine of the largest cities and the Tokyo special-ward area).

Rates of migration refer to the ratio of the number of migrants to the Japanese population estimated for each prefecture as of October 1 of the year.

### E2 COMPARATIVE ANALYSIS OF MIGRATION DATA

Table E.1 shows from census data the number of *people* who made their last migration between October 1, 1969 and September 30, 1970 by region of origin and region of destination. (Migrant figures for Okinawa are excluded since the 1970 registration data do not include them.)

An analogous table may be assembled from registration data. For reasons of comparability, the registration data shown here are adjusted to the period covered by census data (October 1969 to September 1970). Table E.2 contains the number of *migrations* between October 1, 1969 and September 30, 1970. Since some people have moved more than once during the year, the figures generally exceed those of last migrations (census data).

Table E.3 is the matrix showing the ratio of each element of Table E.2, i.e., the 1970 migration flow matrix by sex using registration data, to the corresponding element of Table E.1, i.e., the 1970 migration flow matrix by sex using census data.

Region	Region of	destination	1					
of origin	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
a. Males								
Hokkaido	_	7 480	52788	11759	6 007	1 194	560	3 3 1 7
Tohoku	17 868	_	144 467	20458	6715	1 419	551	1 728
Kanto	15 351	57811	_	58 4 1 2	41 331	14 697	5 509	21 261
Chubu	4157	11 166	88 395	_	44 617	6084	2712	9344
Kinki	2 6 2 0	4274	57 917	41 940	_	23094	11363	19883
Chugoku	911	1 587	29 162	11084	39953	_	5 766	11376
Shikoku	607	468	14810	8 279	35 006	8 2 9 2	_	2 6 5 0
Kyushu	3 191	1 983	80930	46416	82 664	22955	3 2 2 3	-
b. Females								
Hokkaido	_	5 487	35 204	11775	4 261	746	487	2 567
Tohoku	7126	_	114 155	18897	4424	865	374	1 400
Kanto	8723	30 675	-	40769	27 603	9806	4133	17 259
Chubu	2 31 1	6044	63 562	_	37611	4633	2 1 9 3	9 393
Kinki	1 720	2158	37 852	28076	_	18 395	10112	18 192
Chugoku	357	887	18 368	7 383	38904	_	4 504	8 380
Shikoku	279	323	10 101	5 247	31 205	5941	_	1 822
Kyushu	1 773	1 353	56 193	40 801	72 046	17050	2676	_

TABLE E.1 The sex-specific 1970 migration flow matrix for the eight regions of Japan.^a

^aNumber of people who made their last migrations in the period October 1, 1969-September 30, 1970 derived from 1970 census data.

Region	Region of	destination	1					
of origin	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
a. Males								
Hokkaido		9 4 2 5	50 662	11844	6 2 2 3	1 465	631	3 494
Tohoku	7 793	_	128 749	17089	6743	1627	665	2011
Kanto	23 559	78 084	_	79 367	49 521	20 9 20	9 960	40 06 1
Chubu	6 067	12 245	90 493	_	49 765	9 428	5 281	20881
Kinki	3 4 4 4	4986	60 140	51408		36207	23958	40736
Chugoku	1 0 2 1	1 503	27 949	11643	42 089	_	8 240	15 666
Shikoku	636	586	14 163	7164	33 441	9 300		3 3 5 5
Kyushu	2 984	2 0 3 3	73 514	40 402	76 172	24316	3 685	-
b. Females								
Hokkaido	_	6635	33 549	11736	4 197	859	394	2 4 4 3
Tohoku	5 3 2 0		113912	18843	4536	1075	470	1 473
Kanto	13019	59 501	_	51 421	30 5 58	13 201	6670	27 331
Chubu	5 0 3 7	12959	67 998	_	38833	6688	4 1 9 5	22 972
Kinki	2 249	3 0 9 4	39 502	35 21 1	_	27 748	19056	33834
Chugoku	507	913	19256	7 7 2 9	37 6 69		5 786	11 502
Shikoku	330	390	10 2 9 1	5 5 5 7	30 0 9 1	6168	_	2413
Kyushu	1828	1 349	55 688	40 4 49	67 941	18047	2 768	_

TABLE E.2 The sex-specific 1970 migration flow matrix for the eight regions of Japan.^a

^a Total number of migrations in the period October 1, 1969–September 30, 1970 derived from registration data for that period.

A comparison between census and registration data is rather difficult to make, because the data sets are quite different in character. Therefore there have been few attempts at such a comparative analysis in the past. To begin our comparison, let us first look at the 1960 census and registration data and later come back to the 1970 data. As mentioned earlier, the 1960 census recorded the usual place of residence exactly 1 year prior to the census. Based on that survey, it can be known whether a person migrated during the year before the census, but it cannot be known how many times a migration occurred during the year.

There exists, however, a report showing that the 1960 national census migration data agree very well with the registration data for the same year (Kono 1969). Tables E.4 and E.5, taken from this report, illustrate the comparison of the two kinds of migration data. Table E.4 gives the in-migrants by prefecture of destination, and Table E.5 gives the out-migrants by prefecture of origin in 1960.

Column (3) of Table E.4, i.e., the value of the registration data divided by the census data times 100 equals A, say, is 101.33 for Japan as a whole. There is variation of this value among prefectures, however, especially when prefectures with a large city are compared with those not having a large city. The accuracy of the two kinds of data is impaired by students who move to a city to continue their education and seasonal laborers who move from agricultural districts to the city.

Note that most of the column (3) values in Table E.4 are larger than those in Table E.5. The mean absolute percentage deviation from 100 in column (3), i.e., the summation

Region	Region of	destination	1					
of origin	Hokkaido	Tohoku	Kanto	Chubu	Kinki	Chugoku	Shikoku	Kyushu
a. Males								
Hokkaido	_	126.00	95.97	100.72	103.60	122.68	112.63	105.34
Tohoku	43.61	_	89.12	83.53	100.41	114.66	120.69	116.35
Kanto	153.47	135.07	-	135.87	119.82	142.34	180.80	188.42
Chubu	145.95							
109.66	102.37	-	111.54	154.96	194.73	223.47		
Kinki	131.44	114.79	103.84	122.58	_	156.78	210.84	204.88
Chugoku	112.10	94.68	95.84	105.04	105.35	_	142.91	139.71
Shikoku	104.70	125.11	95.63	86.53	95.53	112.15		126.58
Kyushu	93.50	102.53	90.84	87.04	92.15	105.93	114.33	
b. Females								
Hokkaido	_	120.91	95.30	99.67	98.50	115.18	80.95	95.15
Tohoku	74.66	_	99.79	99.71	102.52	124.28	125.67	105.23
Kanto	149.25	193.97	_	126.13	110.71	134.62	161.38	158.36
Chubu	217.97	214.41	106.98		103.25	144.36	191.30	244.57
Kinki	130.73	143.36	104.36	125.41	_	150.85	188.45	185.98
Chugoku	141.88	102.93	104.84	104.69	96.82	_	128.47	137.25
Shikoku	118.10	120.82	101.88	105.91	96.43	103.83	_	132.45
Kyushu	103.10	99.70	99.10	99.14	94.30	105.85	103.43	_

TABLE E.3 The matrix showing the ratio (in hundreds) of each element in Table E.2 to the corresponding element in Table E.1.

of column (3) minus 100 divided by the number of prefectures equals B, say, was obtained for general comparison, and it was found to be 14.26 for Table E.4 and 8.16 for Table E.5.

The 1970 census recorded the last move and the prefectures of previous residence within a year before October 1, 1970, whereas the registration data are the sum of monthly move-in notifications by persons who have migrated from one prefecture to another. Tables E.6 and E.7 are equivalent to Tables E.4 and E.5 but are for 1970. According to these tables, the value of A for each prefecture is more than 100 and larger than the corresponding value of A in 1960. In 1970 also, the value of A in Table E.7 is, in general, smaller than in Table E.6.

In Table E.6 the value of B is 33.93, and in Table E.7 it is 11.54. Both values are larger than the corresponding ones for 1960. This is partly because of the difference in character between the migration data of the two censuses of 1970 and 1960. Recall that the 1960 data refer to the place of residence exactly 1 year prior to the census, whereas the 1970 data refer to the last place of residence. Part of the difference may also be attributed to the differences in the number of multiple moves in 1960 and 1970.*

*We are grateful to Dr. Yoichi Okazaki and Professor Atsushi Otomo for their instructive suggestions for this appendix.

Prefecture	Registration	Census	Ratio A:	Prefecture	Registration	Census	Ratio A:
of	data	data	(1/2)100	of	data	data	(1/2)100
destination	(1)	(2)	(3)	destination	(1)	(2)	(3)
All Japan	2 625 135	2 590 751	101.33	24. Mie	28 640	31 232	91.70
1. Hokkaido	54741	80033	68.40	25. Shiga	21 688	18 100	119.82
2. Aomori	18673	17340	107.60	26. Kyoto	51 268	57 094	89.80
3. Iwate	17796	16 650	108.88	27. Osaka	291 276	298 730	97.51
4. Miyagi	29 778	29 769	100.03	28. Hyogo	137770	136279	101.09
5. Akita	15142	13763	110.02	29. Nara	18124	26851	67.50
<ol><li>Yamagata</li></ol>	19119	12885	148.38	30. Wakayama	18 623	17 324	107.50
<ol> <li>Fukushima</li> </ol>	28 535	23283	122.56	31. Tottori	10809	9017	119.87
8. Ibaraki -	36388	30671	118.64	32. Shimane	14 228	14021	101.48
9. Tochigi	23 395	20462	114.33	33. Okayama	29 243	26158	111.79
10. Gunma	23835	19676	121.14	34. Hiroshima	46 349	46 349	100.00
1. Saitama	98 2 5 9	89 062	110.33	35. Yamaguchi	34 277	29 925	114.54
2. Chiba	79 665	74183	107.39	36. Tokushima	11 944	10043	118.93
3. Tokyo	591711	578526	102.28	37. Kagawa	16830	14361	117.19
4. Kanagawa	192 148	199 217	96.45	38. Ehime	24 130	19628	122.94
15. Nigata	30 635	25 655	119.41	39. Kochi	12355	10 167	121.52
l6. Toyama	12 705	15 107	64.10	40. Fukuoka	98 867	91 036	108.60
17. Ishikawa	14384	16067	89.53	41. Saga	21 644	17359	124.69
l 8. Fukui	10612	10 593	100.18	42. Nagasaki	34 583	31891	108.44
19. Yamanashi	12 5 2 8	16340	76.67	43. Kumamoto	31541	24 285	129.88
20. Nagano	27 775	26827	103.53	44. Oita	23 181	20166	114.95
21. Gifu	39950	42 008	95.10	45. Miyazaki	24 474	21 900	111.75
22. Shizuoka	56999	67 192	84.63	46. Kagoshima	36955	26 354	140.23
23. Aichi	151563	167 168	90.67				

TABLE E.4 Comparison of in-migrants by prefecture of destination based on the two kinds of migration data, both sexes (October 1,

	Registration	Census	Ratio A:	Prefecture	Registration	Census	Ratio A:
of	data	data	(1/2)100	of	data	data	(1/2)100
origin	(1)	(2)	(3)	origin	(1)	(2)	(3)
All Japan	2 625 135	2 590 751	101.33	24. Mie	37 627	37 711	99.78
1. Hokkaido	65 222	67 294	96.92	25. Shiga	23 699	21 974	107.85
2. Aomori	30386	47312	64.23	26. Kyoto	56 550	52777	107.15
3. Iwate	32156	42488	75.68	27. Osaka	146833	129 083	113.75
4. Miyagi	48 725	56113	86.83	28. Hyogo	103844	93 573	110.98
5. Akita	34410	45 181	76.16	29. Nara	24 265	23 7 22	102.29
6. Yamagata	36711	40 0 36	91.70	30. Wakayama	24 262	25 798	94.05
7. Fukushima	63 662	70 256	90.61	31. Tottori	18 5 26	18 470	100.30
8. Ibaraki	53718	53 589	99.50	32. Shimane	27846	28 801	96.68
9. Tochigi	40911	42 089	97.20	33. Okayama	41 446	41 282	100.40
10. Gunma	40 748	41 105	99.13	34. Hiroshima	52883	52 852	100.06
11. Saitama	65 307	56444	115.70	35. Yamaguchi	49 848	52 443	95.05
12. Chiba	68354	63554	107.55	36. Tokushima	24960	28 194	88.53
13. Tokyo	377 019	319420	118.03	37. Kagawa	28 710	28 932	99.23
14. Kanagawa	102 963	88 183	116.76	38. Ehime	46063	48 760	94.47
15. Nigata	63 619	60 696	104.82	39. Kochi	24 779	28 158	88.00
16. Toyama	20479	24019	85.26	40. Fukuoka	126188	127430	99.03
17. Ishikawa	19 259	20449	94.18	41. Saga	41 992	40 605	103.42
18. Fukui	16455	17016	96.70	42. Nagasaki	62435	67 900	91.95
19. Yamanashi	24 209	25 163	96.21	43. Kumamoto	60466	67 637	89.40
20. Nagano	50213	50140	100.15	44. Oita	40 531	45 668	88.75
21. Gifu	40723	38874	104.76	45. Miyazaki	40 127	43 427	92.40
22. Shizuoka	61214	62 254	98.33	46. Kagoshima	77 462	81874	94.61
23. Aichi	87 330	73 605	121.96				

TABLE E.5 Comparison of out-migrants by prefecture of origin based on the two kinds of migration data, both sexes (October 1,

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^{*a*} For general comparison  $B = 1/46 \Sigma$  [Col. (3) -100] = 8.16. SOURCE: Kono (1969).

Prefecture	Registration	Census	Ratio A:	Prefecture	Registration	Census	Ratio A:
of	data	data	(1/2)100	of	data	data	(1/2)100
destination	(1)	(2)	(3)	destination	(1)	(2)	(3)
All Japan	4 203 871	3 731 555	112.66	24. Mie	46 630	35 410	131.69
1. Hokkaido	73897	67 070	110.18	25. Shiga	36738	31 655	116.06
2. Aomori	36360	22 610	160.81	26. Kyoto	86103	85 000	101.30
3. Iwate	30152	18010	167.42	27. Osaka	383 133	374 470	102.05
4. Miyagi	58923	47985	122.79	28. Hyogo	204 164	185 940	109.80
5. Akita	26 590	20 475	129.87	29. Nara	53 604	48 850	109.73
6. Yamagata	23422	24850	94.25	30. Wakayama	29136	20 870	139.61
7. Fukushima	49861	31 025	160.71	31. Tottori	17999	12 775	140.89
8. Ibaraki	74233	55850	132.91	32. Shimane	22 640	13050	173.49
9. Tochigi	50 634	40810	124.07	33. Okayama	62 802	51360	122.28
10. Gunma	40963	30600	133.87	34. Hiroshima	91140	80 885	112.68
11. Saitama	295 145	287 650	102.61	35. Yamaguchi	51 030	34 820	146.55
12. Chiba	252432	247 060	102.17	36. Tokushima	20 799	12 245	169.86
13. Tokyo	691808	632710	106.18	37. Kagawa	32608	22855	142.67
14. Kamagawa	390 258	387 945	100.60	38. Ehime	39 751	26 100	152.30
15. Nigata	42425	32800	129.34	39. Kochi	21 667	13 005	166.81
16. Toyama	22361	16005	139.71	40. Fukuoka	138 210	112 495	122.86
17. Ishikawa	26 209	22930	114.30	41. Saga	26994	15 930	169.45
18. Fukui	16 164	11410	141.67	42. Nagasaki	47 073	28 890	162.94
19. Yamanashi	19770	14885	134.63	43. Kumamoto	49 550	31 290	158.36
20. Nagano	39121	28 525	137.15	44. Oita	42 564	28 900	147.28
21. Gifu	53 579	43 030	124.52	45. Miyazaki	37 809	22 310	169.47
22. Shizuoka	99535	87 735	113.45	46. Kagoshima	56831	28 725	197.85
23. Aichi	212059	212880	99.61	I			

TABLE E.6 Comparison of in-migrants by prefecture of destination based on the two kinds of migration data, both sexes (October 1,

Prefecture	Registration	Census	Ratio A:	Prefecture	Registration	Census	Ratio A:
of	data	data	(1/2)100	of	data	data	(1/2)100
origin	(1)	(2)	(3)	origin	(1)	(2)	(3)
All Japan	4 203 871	3 731 555	112.66	24. Mie	49 985	45 260	110.44
1. Hokkaido	145 808	143 700	101.47	25. Shiga	30 251	25 270	119.71
2. Aomori	53 309	71 015	75.07	26. Kyoto	80 547	64 805	124.29
3. Iwate	51142	58 490	87.44	27. Osaka	318139	243 370	130.72
4. Miyagi	61955	57345	108.04	28. Hyogo	182422	151430	120.47
5. Akita	44 398	49 700	89.33	29. Nara	36987	27 605	133.99
<ol><li>Yamagata</li></ol>	38356	38 195	100.42	30. Wakayama	35 182	33 135	106.18
<ol> <li>Fukushima</li> </ol>	68325	65715	103.97	31. Tottori	21 694	20 615	105.23
8. Ibaraki	61953	55 995	110.64	32. Shimane	34615	33 355	103.78
<ol><li>Tochigi</li></ol>	45 386	40825	111.17	33. Okayama	57498	48 250	119.17
10. Gunma	41 297	37215	110.97	34. Hiroshima	82335	72 825	113.06
11. Saitama	165801	125240	132.39	35. Yamaguchi	63 703	61420	103.72
12. Chiba	139544	112760	123.75	36. Tokushima	28 658	30 185	94.94
13. Tokyo	766622	645 290	118.80	37. Kagawa	34367	32 070	107.16
14. Kamagawa	266 606	206 275	129.25	38. Ehime	53700	53810	99.80
15. Nigata	67 473	66185	101.95	39. Kochi	29 750	29 070	102.34
16. Toyama	26657	26 305	101.34	40. Fukuoka	171 179	157 750	108.51
17. Ishikawa	28 605	26 275	108.87	41. Saga	39 667	38 375	103.37
18. Fukui	20 594	21 120	97.51	42. Nagasaki	87431	86875	100.64
19. Yamanashi	25 000	23035	108.53	43. Kumamoto	83 681	83 685	100.00
20. Nagano	49 060	44 655	109.86	44. Oita	52412	52 575	69.66
21. Gifu	52588	44 300	118.71	45. Miyazaki	55726	54 245	102.73
22. Shizuoka	90 542	79 635	113.70	46. Kagoshima	96 271	99 785	96.48
23. Aichi	166652	117710	141 58	ı			

TABLE E.7 Comparison of out-migrants by prefecture of origin based on the two kinds of migration data, both sexes (October 1,

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^{*a*}For general comparison  $B = 1/46 \Sigma$  [Col. (3) – 100] = 11.54.

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