Urbanization and Development in Japan

Overview and Introduction by Toshio Kuroda

Urbanization of the Population and Development — New Tasks — by Toshio Kuroda

Demographic Urbanization and Economic Development by Yoichi Okazaki

Changes in Geographical Distribution of Japanese Population by Atsushi Otomo

Fluctuation of Migration Pattern and Human Development by Sumiko Uchino

A Components Analysis of Urbanization in Postwar Japan by Tatsuya Itoh

Overpopulation and Depopulation: Problem of Development by Hiroaki Shimizu

MARCH 1986

The Asian Population and Development Association (foundation)
ERRATUM

In Table 1 on page 84, Migration rate column on right should be replaced by the column given below.

Table 1  Fluctuations in Total Migration and Intra- and Inter-Prefectural Migration (1954 - 1984)

<table>
<thead>
<tr>
<th>Year</th>
<th>Total migrants</th>
<th>Migration within prefectures</th>
<th>Migration between prefectures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of migrants</td>
<td>Migration rate</td>
<td>No. of migrants</td>
</tr>
<tr>
<td>1954</td>
<td>5,498,318</td>
<td>3,145,504</td>
<td>2,352,814</td>
</tr>
<tr>
<td>1955*</td>
<td>5,140,569</td>
<td>2,913,517</td>
<td>2,277,052</td>
</tr>
<tr>
<td>1956</td>
<td>4,859,625</td>
<td>2,737,844</td>
<td>2,121,781</td>
</tr>
<tr>
<td>1957</td>
<td>5,268,248</td>
<td>2,887,932</td>
<td>2,300,316</td>
</tr>
<tr>
<td>1958</td>
<td>5,294,291</td>
<td>2,913,665</td>
<td>2,380,626</td>
</tr>
<tr>
<td>1959</td>
<td>5,357,658</td>
<td>2,915,025</td>
<td>2,442,633</td>
</tr>
<tr>
<td>1960*</td>
<td>5,652,639</td>
<td>2,972,940</td>
<td>2,679,719</td>
</tr>
<tr>
<td>1961</td>
<td>6,012,494</td>
<td>3,060,105</td>
<td>2,952,389</td>
</tr>
<tr>
<td>1962</td>
<td>6,580,189</td>
<td>3,277,440</td>
<td>3,002,749</td>
</tr>
<tr>
<td>1963</td>
<td>6,936,831</td>
<td>3,464,084</td>
<td>3,472,747</td>
</tr>
<tr>
<td>1964</td>
<td>7,256,781</td>
<td>3,622,409</td>
<td>3,634,372</td>
</tr>
<tr>
<td>1965*</td>
<td>7,380,637</td>
<td>3,688,404</td>
<td>3,692,233</td>
</tr>
<tr>
<td>1966</td>
<td>7,431,660</td>
<td>3,747,962</td>
<td>3,683,698</td>
</tr>
<tr>
<td>1967</td>
<td>7,478,988</td>
<td>3,717,721</td>
<td>3,761,267</td>
</tr>
<tr>
<td>1968</td>
<td>7,775,456</td>
<td>3,838,042</td>
<td>3,937,414</td>
</tr>
<tr>
<td>1969</td>
<td>8,125,600</td>
<td>4,010,024</td>
<td>4,115,576</td>
</tr>
<tr>
<td>1970*</td>
<td>8,272,511</td>
<td>4,037,503</td>
<td>4,235,008</td>
</tr>
<tr>
<td>1971</td>
<td>8,359,711</td>
<td>4,103,106</td>
<td>4,256,605</td>
</tr>
<tr>
<td>1972</td>
<td>8,349,840</td>
<td>4,192,986</td>
<td>4,156,854</td>
</tr>
<tr>
<td>(4,416,246)</td>
<td>(4,222,160)</td>
<td></td>
<td>(4,194,086)</td>
</tr>
<tr>
<td>1973</td>
<td>8,538,820</td>
<td>4,304,482</td>
<td>4,234,338</td>
</tr>
<tr>
<td>1974</td>
<td>8,026,879</td>
<td>4,094,492</td>
<td>3,932,387</td>
</tr>
<tr>
<td>1975*</td>
<td>7,543,506</td>
<td>3,845,785</td>
<td>3,697,721</td>
</tr>
<tr>
<td>1976</td>
<td>7,391,627</td>
<td>3,826,506</td>
<td>3,565,121</td>
</tr>
<tr>
<td>1979</td>
<td>7,295,465</td>
<td>3,826,033</td>
<td>3,469,432</td>
</tr>
<tr>
<td>1980*</td>
<td>7,067,308</td>
<td>3,710,931</td>
<td>3,356,377</td>
</tr>
<tr>
<td>1981</td>
<td>6,901,752</td>
<td>3,583,552</td>
<td>3,318,200</td>
</tr>
<tr>
<td>1982</td>
<td>6,852,395</td>
<td>3,564,213</td>
<td>3,288,182</td>
</tr>
<tr>
<td>1983</td>
<td>6,674,373</td>
<td>3,478,247</td>
<td>3,196,126</td>
</tr>
<tr>
<td>1984</td>
<td>6,558,885</td>
<td>3,422,122</td>
<td>3,136,763</td>
</tr>
</tbody>
</table>
Urbanization and Development in Japan

MARCH 1986

The Asian Population and Development Association (foundation)
Foreword

In the recent years, a number of developing countries experiencing adverse population growth and others undergoing demographic transition began to show keen interest in Japan's history of demographic transition, or the change from high birth and mortality rates to low ones.

In response to their interest, last year the Association began to comprehensively analyze the stages of Japan's demographic transition from the perspective of "population and development." Last year's report was focused on agricultural and rural development. The report this year is an attempt to continue the analysis with attention given to urbanization.

Because demography and development are not very well known in the social sciences, an enormous effort by the authors was necessary to formulate the perspective described in this text. I would like to express my most sincere gratitude to them.

The authors would be pleased if this report positively contributes to those organizations and individuals of various countries who are actively involved in population and development-related activities.

In conclusion, I would like to extend our appreciation to the Japan Shipbuilding Foundation (Chairman, Mr. Ryoichi Sasakawa) and United Nations Fund for Population Activities (Executive Director: Mr. R. M. Salas) for their generous assistance.

March, 1986

Tatsuo Tanaka
Chairman
Asian Population and Development Association

-1-
CONTENTS

FOREWORD .......................................................... 1

OVERVIEW AND INTRODUCTION ........................................... 7

CHAPTER 1 URBANIZATION OF THE POPULATION AND DEVELOPMENT
- New Tasks - .................................................. 15

1. Urbanization of the World Population and Development .............................................. 17

2. Stages of the Urbanization of the Japanese Population ..................................................... 19

3. Changes in the Structure of Urbanization
   - Qualitative Changes in Urbanization Based on Population Size of Urban Areas - ................ 21

4. Large Metropolitan Areas and Human Development ............. 23

Conclusion: Age of Nationwide Urbanization and Development .............................................. 24

CHAPTER 2 DEMOGRAPHIC URBANIZATION AND ECONOMIC DEVELOPMENT ......................... 35

1. Correlations of Urbanization and Economic Development .................................................. 37

2. New Stage of Urbanization ................................................. 40
   (1) Promotes Stabilization of the Migration Rate ......................... 40
   (2) Declines in Migration to Metropolitan Areas ......................... 41
   (3) Diffusion Phenomenon of Urbanization ................................ 42

3. Future Prospects and Tasks .............................................. 43
   (1) Prospects of Urbanization ........................................... 43
   (2) Future Tasks ................................................ 44
CHAPTER 3  CHANGES IN GEOGRAPHICAL DISTRIBUTION OF JAPANESE POPULATION ........................................... 51

1. Population Distribution by Region and Its Change ............ 53
   (1) Changes in Share of Regional Population .................. 53
   (2) Regional Population Density and Its Change .............. 56

   (1) Changes in Share of Prefectural Population ............... 57
   (2) Prefectural Population Density and Its Change .......... 59

Conclusion ................................................. 59

CHAPTER 4  FLUCTUATION OF MIGRATION PATTERN AND HUMAN DEVELOPMENT .................................................. 73

Introduction .................................................. 75

1. Outline of Postwar Migration ................................... 76

2. Changes in the Migration Pattern ............................... 77
   (1) Intra-prefectural and Inter-prefectural Migration .......... 77
   (2) Analysis of Inter-prefectural Migration Patterns .......... 77
   (3) Termination of Period of Concentrated Migration to Metropolitan Areas .......................... 78
   (4) Characteristics and Changes in Migration Patterns of the Female Population .............. 79
   (5) So-called "U-turn" Migration ................................ 80

3. Migration and Development ...................................... 81
CHAPTER 5  A COMPONENTS ANALYSIS OF URBANIZATION IN
POSTWAR JAPAN ......................................................... 93

Introduction ......................................................... 95

1. Population Urbanization and Its Factors ......................... 95
   (1) Factors of Population Urbanization .......................... 95
   (2) What is an "Urban"? ........................................... 95

2. Trends in Population Urbanization in Japan .................... 96

3. Components of Urbanization in Japan .......................... 97
   (1) Population Urbanization Caused by Expanding Shi-areas .. 97
   (2) Natural Increase and Social Increase as Factors of Urbanization ................................................. 98
   (3) Analysis of the Indirect Effects of Migration ......... 99

4. Conclusion ......................................................... 101

CHAPTER 6  OVERPOPULATION AND DEPOPULATION: PROBLEM
OF DEVELOPMENT ..................................................... 107

Introduction ......................................................... 109

1. Conceptualization of Overpopulation and Depopulation .......... 109

2. Demography of Overpopulation and Depopulation ............. 110

3. Overpopulation and Depopulation in Metropolitan and Local Areas ................................................. 111
   (1) General Trend in "Overpopulation and Depopulation" in Metropolitan and Local Areas ....... 112
   (2) Overpopulation and Depopulation in Metropolitan Area
       - Case Study of Tokyo Metropolis - ...................... 112
   (3) Overpopulation and Depopulation in Local Areas
       - Case Study of Miyazaki Prefecture - .............. 115
Conclusions Regarding Overpopulation and Depopulation and Problems of Development ................. 117