

# Migration Effects on Marital Fertility in the Tokyo Metropolitan Area, the Non-Tokyo Metropolitan Area, and Japan

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This study aims to analyze the effects of internal migration on marital fertility in the Tokyo Metropolitan Area (TMA), including Saitama, Chiba, Tokyo, and Kanagawa prefecture, the non-Tokyo Metropolitan Area (non-TMA), and Japan as a whole. This study is based on retrospective microdata from the Eighth National Survey on Migration conducted by the National Institute of Population and Social Security Research in 2016. The extract used in the study includes the birth and migration histories of 12,201 married women in first marriages born from 1940 to 1969. The main results of our study can be summarized as follows:

First, marital fertility differences were found between the TMA and non-TMA. For example, married women born from 1940 to 1969 in the TMA had 1.90 children on average, 0.21 less than those in the non-TMA. These differences were related to the marital fertility differences of non-migrants between the TMA and non-TMA.

Second, a comparison among the non-migrants and in-migrants in both the non-TMA and TMA showed that non-migrants in the non-TMA had higher marital fertility. This reveals that the positive effects of internal migration on marital fertility existed in the non-TMA with negative net migration rates but not in the TMA with positive net migration rates.

Third, we observed elevated marital fertility among in-migrants in the non-TMA who adopted the fertility behavior that dominates at the non-TMA and that in-migrants in the TMA exhibit marital fertility levels similar to the non-migrants in the non-TMA. This means that internal migration has positive effects on marital fertility in Japan as a whole.

Fourth, we found that the marital fertility of migrants born from 1960 to 1969 is lower than that of migrants born from 1940 to 1959 and non-migrants born between 1960 and 1969. In contrast to married women born between 1940 and 1959, internal migration has negative effects on the marital fertility of women born from 1960 to 1969 in the TMA, the non-TMA, and Japan as a whole.

**【Keywords】** marital fertility, migration, Tokyo metropolitan area, non-Tokyo metropolitan area, Eighth National Survey on Migration