

On Regional Population Projections Consistent with High Fertility Assumption of Population Projections for Japan

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In recent years, more and more attention has been focused on the regional population change along with national fertility change, as well as regional population projections aroused by regional revitalization movement. In this paper, regional population projections by cohort component method, which are consistent with high fertility assumption of population projections for Japan by IPSS, are implemented and the possibility of easier projection methods are examined thorough the explanation of projection results from the perspective of population distribution. As a result, because the population distribution differences by age are very small by altering only fertility assumption uniformly, and projection results of regions by age increase almost together with differences of those by high fertility assumption and medium fertility assumption for Japan, it makes clear that regional population projections by high fertility assumption can be led by an easier projection method, even if to the long projection horizons of 50 years. The examination of this paper will be useful when local governments or other organizations implement regional population projections by altering fertility assumption.