

Productivity and teleworking for depopulated rural areas, the elderly and others

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Abstract

This study investigates the probability of preventing the out-migration from depopulated rural areas because of teleworking. Japanese society has faced decreasing of population, especially in the rural areas. At the same time, this paper estimates the probability of working of the elderly and person who care children or aging family member because of teleworking. This study clarifies that teleworking prevents the out-migration from rural areas, and the regulation to telework encourage person who care children or aging family member to work. However, this study does not find clearly the effect of telework on the working for the elderly. In contrast with the positive effect from telework, geographic distance between workers may decrease the labor productivity or discourage innovations. Therefore, this study analyzes the factors that prevent the decreasing of productivity although workers do telework.

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