



Analysis of Regional Safety Index and Improvement Plan in Gyeonggi Province

Safety is an important factor in determining quality of life, and it is a right that human beings deserve. The aim of this study is to diagnose the regional safety index in Gyeonggi province and to derive improvements to improve the safety level.

The statistical analysis was performed to understand the current situation and to derive vulnerable factors when calculating the regional safety index. In addition, statistical data for each city and county in Gyeonggi province were analyzed to identify the gaps in safety level and safety infrastructure between regions. The regional safety index for 28 cities was re-standardized based only on Gyeonggi province statistical data, and the safety level has been detailed into 7 grades.

As a result, the safety gap between cities and counties was quantitatively identified, and vulnerable regions for each safety field were derived. In addition, the vulnerable factors in Gyeonggi province were identified and improvements were suggested to improve the regional safety index and safety level.

The regional safety index has great significance in that it increases the interest of the safety and induces voluntary improvement. However,

as it targets the whole country, it is difficult to reflect regional characteristics, and the importance of safety indicators used to derive regional safety index may differ from region to region. This study has limitations in that only 41 statistical data which are used to calculate the regional safety index were analyzed to derive the safety level and vulnerable factors in Gyeonggi Province. However, since various vulnerable factors can affect the safety level, it is necessary to derive and evaluate vulnerable factors reflecting regional characteristics in future studies.

Keyword Regional safety index, Perceived safety, Safety gap