Abstract

The Industrial Location Factors Analysis of Jurong Industrial Estate.

This paper is a study of the industrial location of Jurong Industrial Estate, with special emphasis on the analysis of the locational factors. This analysis is based on the materials, which on the one hand were directly obtained from the Economic Development Board, and on the other hand collected through field survey by the writer during the last two weeks of Oct. 1971. The methods of research, in addition to describing, several quantitative methods and Britton's locational factors analysis methods are also applied.

Jurong Industrial Estate is now under development so the area developed for industrial purpose and others is increasing steadily yearly. (See Table 2, 3, 4).

We can observe the present industrial pattern in Jurong from two aspects. In production, it is by far the most important industrial estate in Singapore (See Table 9). Although the present pattern is dominated by three or four industrial groups (See Table 10), it is, however, approaching diversification on the whole (See Table II). From the geographical point of view, the present spatial structure of raw materials and market of Jurong Industrial Estate extend over most parts of the world (See Fig. 9,10), in spite of the sale of products to the local market.

The outcome of the field survey undertaken by the writer reveals that the entrepreneurs in Jurong Industrial Estate have chosen Jurong as a site for their factories because of the influence of several locational factors, as well as non locational factors. However, these factors influence local and foreign entrepreneurs in different degrees. Generally speaking, "site and service" has been the most important locational factor which has attracted the entrepreneurs to set up factories in Jurong Industrial Estate.