

Thesis Title	An Analysis on Manufacturing Establishment in Central Region of Thailand
Name	Supaporn Simcharoen
Concentration	Industrial Geography
Department	Geography
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ABSTRACT

The purposes of this research are to find out the conditions of location and major factors that determine the establishment of industrial factories in the Central Region of Thailand; and also to recommend industries that should be promoted in each province. The number of factories and six factors, including market, labors, economy, investment, infrastructure and transportation are used to analyze by Correlation Coefficient, Factor Analysis and Multiple Regression Analysis.

The results of the study found that most of factories are located in the high employment and population areas along the Phahol Yothin Highway.

The most important factors that determine the establishment of factories are the number of population and bank. The analysis by type of industry found that: the number of population and truck are the main factors in agricultural processing and food industries; the number of employee is the main factor in textile, wearing apparel and leather product industries; the density of population, the distance from Bangkok Metropolis and labor force are the main factors in wood processing and furniture product industries; per capita GPP, amount of investment and the number of employee are the main factors in chemicals, petroleum, coal, rubber and plastic product industries; electricity power is the main factor of non-metallic industry; the number of population is the main factor of fabricated metal, machinery and equipment product industries. The analysis by size of industries found that the number of population is the major factor that determines the small and medium-scale factories, while the labor force, per capita income and electricity power are the main factors of large-scale factories

Finally, the study found that the industries that should be promoted in each province are: agricultural processing and food industries should be promoted in Lop Buri, Phetchabun, Sukhothai, Saraburi, Phichit, Ang Thong, Sing Buri and Nakhon Nayok; textile, wearing apparel and leather product industries should be promoted in Saraburi, Phitsanulok, Sing Buri, Kamphaeng Phet, Lop Buri, Phetchabun and Samut Songkhram; wood processing and furniture product industries should be promoted in Nakhon Sawan, Phetchabun, Sing Buri, Phichit, Lop Buri, Saraburi and Uthai Thani; chemicals, petroleum, coal, rubber and plastic product industries should be promoted in Phitsanulok, Kamphaeng Phet, Uthai Thani, Phra Nakhon Si Ayutthaya, Chai Nat, Sukhothai and Sing Buri; non-metallic industry should be promoted in Samut Songkhram, Uthai Thani, Nakhon Nayok, Chai Nat, Phra Nakhon Si Ayutthaya, Lop Buri, Phetchabun and Sukhothai; fabricated metal, machinery and equipment product industries should be promoted in Kamphaeng Phet, Sukhothai, Lop Buri, Uthai Thani, Nakhon Sawan, Phichit, Nakhon Nayok and Ang Thong.