

## ABSTRACT

Thesis Title : An Analysis of Thai Sugar Industry

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Sugar industry is very important to the economy of Thailand since sugar is the export goods that leads to earnings from foreign exchange about 15 per cent of total export values. The production of sugar industry is classified into 2 kinds, white sugar and raw sugar. White sugar is produced for domestic consumption. Raw sugar is produced for export and most of it exports to Japan.

The objectives of this study is to examine sugar industry and the factors determining for demand and supply of white sugar and raw sugar.

The results from the analysis of white sugar supply are that wholesale price at Bangkok market and quantity of sugar cane has the effect on white sugar production at 99% and 95% significant level. The price elasticity of white sugar is elastic and the sugar cane quantity elasticity is inelastic.

The results from the analysis of raw sugar supply are that export price to Japan export credit with low interest rate and benefit distribution system 70:30 have the effect on raw sugar production at 95% , 99% and 99% significant level respectively. The price elasticity of raw sugar supply to Japan export credit are inelastic.

For demand, the results of the analysis of white sugar consumption are that wholesale price at Bangkok market and national income have the effect on white sugar consumption at 99% significant level. The wholesale price elasticity of white sugar consumption and national income elasticity of white sugar consumption are inelastic.

The analysis of raw sugar export demand of Japan finds that export price, national income and population of Japan and exchange rate have the impact on raw sugar export quantities at 95% , 99%, 99% and 99% significant level respectively. The demand elasticities of raw sugar export on price is inelastic. The demand elasticities of raw sugar export on national income, population and exchange rate are elastic.