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Review of Market Structure for Investment Activities in Container and Oil Terminals by Using Herfindahl index
(Case Study Rajaee Port Complex)

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***Introduction**:*

Due to the demand for investment in ports by the private sector and with regard to the development of ports and harbors toward third generation, this question appears that to what extent numbers of investors increased and with what volume of operations carried out? Regarding Definitions and characteristics of the markets whether competitive or monopolistic; by using quantitative indicator Herfindahl index the market structure will be studied.

***Methods**:*

First, the definition of competitive and monopolistic market structure and characteristics of each are expressed. Then define Herfindahl index and its verification for the industries in the country are done. Market structure in three areas of imported container terminals, oil terminals and container terminals with the approach of transit and export is done.

A-Market Structure:

We have four types of market economics on traditional studies: Perfect competition, monopolistic competition, oligopoly, and monopoly.

- ***Competition:*** *Competition, according to the theory, causes commercial firms to develop new products, services and technologies, which would give consumers greater selection and better products.[1]*
- ***Monopoly:*** *A monopoly (from Greek monos μόνος (alone or single) + polein πωλεῖν (to sell)) exists when a specific person or enterprise is the only supplier of a particular commodity.[2] There are three major types of barriers to entry; economic, legal and deliberate.[3]*
- ***Monopoly versus competitive markets:*** *Both monopolies and perfectly competitive companies minimize cost and maximize profit. There are distinctions, some of the more important of which are as table1:*