



Impact of the Mining and Quarrying Activity on other Economic Activities in the Emirate of Abu Dhabi

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Abstract

Statistical studies in many countries shows an existing economic activity that controls the other activities because of its size and relation with other activities in the economy. In this paper, we show the extent of the relationship of the mining and quarrying activity and its impact on the economy as well as its impact on other activities in the economy of Abu Dhabi Emirate. The mining and quarrying activity, which includes crude oil and natural gas, is the biggest economic activity in the Emirate of Abu Dhabi, based on its contribution to gross domestic product (GDP), which exceeded 50% in most of the years covered by the study. During the past years, the oil price fluctuated with significant volatility, thus affecting the value of the gross domestic product. The overall relationship was apparent between oil prices and the value of the GDP of the Emirate of Abu Dhabi. This paper aims to examine the impact of this activity on other economic activities in the Emirate of Abu Dhabi as well as its statistical relations in the economic growth and the growth of other activities. It also shows the size of this impact and the negative and the positive consequences on the Emirate's economy. The paper depends on a series of statistical data published by Statistics Centre - Abu Dhabi from the year 2000 until 2013. Moreover, it will include statistical tables showing the GDP, value of mining and quarrying activity, values of other economic activities as well as measuring the growth rates of these activities, the analysis of relationships in growth rates between economic activities and its values during the study period.

Keywords: Gross Domestic Product (GDP); Value Added; relationship.