Manager - The British Journal of Administrative Management
ISSN - 1746 1278
Volume 60 Issue 171 Feb 2024

THE IMPACT OF THE INDUSTRIAL SECTOR ON THE GROSS DOMESTIC PRODUCT IN IRAQ FOR THE PERIOD 2009 TO 2022 USING A STATISTICAL FUNCTION LARGE AND SMALL INDUSTRIAL FACILITIES

Hussein Ali Ahmed

Assistant Professor.
Email: hussain.ahmed@uobasrah.Edu.iq

Abstract

This paper seeks to explore the mutable interplay between the industrial sector of Iraq and the gross domestic product (GDP) for the years spanning from 2009 to 2022. It examines the impacts of small and large polluting industries on the environment in Iraq. Further, it highlights how Iraq seeks to shift from an oil-dependent economy to a more diverse one. A review summarizes prevailing economic theories and specific studies on Iraq and highlights the acknowledged impact of industrialization on GDP growth. It reveals loopholes in literature, more specifically about the after-2009 era and the exact contributions that small and medium-sized industrial facilities contribute towards Iraq. The study adopts a quantitative approach concerning the use of secondary data from credible sources such as the World Bank and the IMF. Statistical package for social sciences (SPSS) is used to conduct a regressive and correlational analysis of the relationship between industrial output and GDP. It indicates a consistent GDP with fluctuating participation from the industrial sector. The correlation analysis suggests a weak direct association of GDP with industrial contributions, and regression analysis has confirmed a complex and non-linear relationship between these factors. These results show that, among others, the industrial sector influences Iraq's GDP in several ways. This impact may be substantial but is influenced by diverse economic trends. The negativity of the coefficient for the share of GDP in the model demands further research as it shows an inverse relation with the topic. This study underscores the importance of Iraq having a diverse, multifaceted economic policy. As such, it shows the need for further research as the elements of determination of Iraq's industrial activities and economic development are numerous.

Keywords: *Iraq, GDP, Industrial Sector, Economic Development, Quantitative Analysis.*

1.0 INTRODUCTION

The previous few decades have seen significant changes occur in Iraq, especially in the industrial sector. The economy of Iraq, which was previously based on oil production and contributed the largest percentage to the national budget and the Gross Domestic Product (GDP), is gradually becoming an industrial state, being a substantial part of the country's economy [1]. The change is related to the government's desire to diversify the economy in order to lower oil revenues and promote sustainable economy. Iraq has sectors of industry which include construction, manufacture, electric power generation, as well as water supply. However, it should be noted that this sector can also help in economic development by creating new employment opportunity and the nations welfare as a whole. Nevertheless, the journey has never been a straight one. The journey has been tough with politics, and poor infrastructure, and instability of the global oil market, which has greatly impacted Iraq's economy. More specifically, what has been its impact on the Iraqi GDP from 2009