

## ABSTRACT

*The manufacturing industry plays a strategic role as the main driver of the national economy. The manufacturing sector has been globally recognized as a crucial element in economic development. This study aims to identify the determinants of manufacturing industry performance in Indonesia using panel data from 34 provinces from 2018 to 2022. The method used for quantitative analysis is panel data regression with a fixed effect model. The variables that influence manufacturing industry performance in this study are labor, electricity, road length, and investment (domestic and foreign direct investment). The results of the quantitative analysis of panel data regression with a fixed effect model indicate that the variables labor and electricity have a significant positive effect, while road length does not have a significant effect on manufacturing industry performance.*

**Keywords:** *Manufacturing Industry, Electricity, Road Length, Investment*